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#### **APPENDIX C**

Fire Alarm Inspection Report

121 pages including cover page



| Date: July 2017  | ✓ Annual Inspection                                      |  |  |  |  |  |
|--|--|--|--|--|--|--|
| <b>Building Name: 1 – Duty Office / Administration</b> | Technicians: Matthew Kowalenko FP1093 / Allen Amy FP1093 |  |  |  |  |  |
| Address: 33737 Dewdney Trunk Road                      | City: Mission  |  |  |  |  |  |

| A. Correctly installed                            | D. Annunciator indication confirmed |
|---|-------------------------------------|
| B. Requires service, repairs, missing or cleaning | E. Zone circuit number or address   |
| C. Alarm operation confirmed                      | F. Smoke sensitivity testing        |

| "'/ 'Yes – Acce <sub>l</sub> | otable "X | X" No – Unac | ceptable "NA' | Not applicable |
|------------------------------|-----------|--------------|---------------|----------------|
|                              |           |              |               |                |

| Location  |          |                    | es – Accepta |   |   |   |          |   |    | NA" Not applicable       |
|---|----------|--------------------|--------------|---|---|---|----------|---|----|--------------------------|
| 2   SW by reception   | <u> </u> |                    | Device       | A | В | С | D        | E | F. | Remarks                  |
| SW by reception   |          | ADMIN/DUTY OFFICE  |              |   |   |   |          |   |    |                          |
| Continue  |          |                    |              |   |   |   |          |   |    |                          |
| 5         1-44/1-54         B         /         /         Clinic room B           8         1-47 urinalysis         S         /         /         Clinic room B           9         1-41         B         /         /         Communications room           11         By 1-31         B         /         /         Communications room           11         By 1-31         B         /         /         Communications room           13         1-34 lobby NW         M         /         /         Communications room           14         GA         /         /         Communications room           15         By 1-41         GA         /         /         Communications room           16         By 1-14         B         /         /         Communications room           18         GA         /         /         North           18         B         /         /         North <t< td=""><td></td><td>SW by reception</td><td></td><td></td><td></td><td>-</td><td>-</td><td></td><td></td><td></td></t<>  |          | SW by reception    |              |   |   | - | -        |   |    |                          |
| 6   |          |                    | GA           |   |   | 1 | 1        |   |    |                          |
| This is a second color of the second color o  |          |                    |              |   |   |   |          |   |    |                          |
| S   |          | 1–44/ 1- 54        |              |   |   |   |          |   |    |                          |
| 9   |          |                    |              |   |   |   |          |   |    |                          |
| 10  |          |                    |              |   |   |   | 1        |   |    | Clinic room B            |
| 11  |          |                    |              |   |   | 1 |          |   |    |                          |
| 12  |          |                    |              |   |   |   | 1        |   |    | Communications room      |
| 13  |          | By 1–31            | В            |   |   | 1 |          |   |    |                          |
| 14  |          |                    |              |   |   |   |          |   |    |                          |
| 15  |          | 1–34 lobby NW      |              |   |   | 1 | 1        |   |    |                          |
| 16  |          |                    |              |   |   | 1 | 1        |   |    |                          |
| 17  |          |                    |              |   |   | 1 |          |   |    |                          |
| 18         GA         ✓ ✓         North           19         Sprinkler 1–35C         FS         ✓ ✓         35 seconds           21         Wet sprinkler         TS         ✓         Non-latching           22         TS         ✓         Non-latching           23         S         ✓         ✓         Duty office storage room           25         Crawl space hatch         S         ✓         ✓         D.O.S.D. floor           26         1–51A by 1-46         C         ✓         Chime on alarm           27         C         ✓         Chime on alarm           29         By exit 1-12 east         M         ✓         ✓           30         GA         ✓         ✓           31         GA         ✓         ✓           33         Admin room 1-26         S         ✓         ✓           34         Admin room 1-25         S         ✓         ✓           35         Admin room 1-27         S         ✓         ✓           36         S         ✓         ✓           37         Low water pressure         PS         Does not exist   |          |                    |              |   |   | 1 |          |   |    |                          |
| 19  |          | By 1–11 exit north |              |   |   | 1 | 1        |   |    |                          |
| Sprinkler 1-35C   |          |                    | GA           |   |   | 1 | 1        |   |    | North                    |
| TS  |          |                    |              |   |   |   |          |   |    |                          |
| 22       TS       /       Non-latching         23       Duty office storage room         24       1-52       S       /       /       Duty office storage room         25       Crawl space hatch       S       /       /       D.O.S.D. floor         26       1-51A by 1-46       C       /       Chime on alarm         27       C       /       /         28       C       /       /         29       By exit 1-12 east       M       /       /         30       GA       /       /         31       C       Image: Control of the property of the proper  |          |                    |              |   |   | 1 | 1        |   |    | 35 seconds               |
| 23  |          | Wet sprinkler      | TS           |   |   |   | 1        |   |    | Non-latching             |
| 24         1–52         S         ✓ ✓         Duty office storage room           25         Crawl space hatch         S         ✓ ✓         D.O.S.D. floor           26         1–51A by 1-46         C         ✓         Chime on alarm           27         C         ✓         ✓           28         C         ✓         ✓           29         By exit 1-12 east         M         ✓         ✓           30         GA         ✓         ✓           31         C         O         O           32         Admin room 1-26         S         ✓         O           33         Admin room 1-25         S         ✓         O           34         Admin room 1-27         S         ✓         O           36         O         O         O         O           37         Low water pressure         PS         Does not exist  |          |                    | TS           |   |   |   | /        |   |    | Non-latching             |
| 25         Crawl space hatch         S         ✓         D.O.S.D. floor           26         1–51A by 1-46         C         ✓         Chime on alarm           27         C         ✓         ✓           28         S         O         O           29         By exit 1-12 east         M         ✓         ✓           30         GA         ✓         ✓           31         S         O         ✓           32         Admin room 1-26         S         ✓         ✓           33         Admin room 1-25         S         ✓         ✓           34         Admin room 1-22         S         ✓         ✓           35         Admin room 1-27         S         ✓         ✓           36         S         ✓         ✓           37         Low water pressure         PS         Does not exist  | 23       |                    |              |   |   |   |          |   |    |                          |
| 26         1–51A by 1-46         C         Image: Control of the control of   |          | 1–52               |              |   |   | 1 | <b>\</b> |   |    | Duty office storage room |
| C   |          | Crawl space hatch  |              |   |   | 1 | <b>\</b> |   |    | D.O.S.D. floor           |
| 28       M       ✓ ✓         29       By exit 1-12 east       M       ✓ ✓         30       GA       ✓ ✓         31       S       ✓ ✓         32       Admin room 1-26       S       ✓ ✓         33       Admin room 1-25       S       ✓ ✓         34       Admin room 1-22       S       ✓ ✓         35       Admin room 1-27       S       ✓ ✓         36       S       ✓       ✓         37       Low water pressure       PS       Does not exist   | 26       | 1–51A by 1-46      |              |   |   | 1 |          |   |    | Chime on alarm           |
| 29       By exit 1-12 east       M       ✓ ✓         30       GA       ✓ ✓         31       S       ✓ ✓         32       Admin room 1-26       S       ✓ ✓         33       Admin room 1-25       S       ✓ ✓         34       Admin room 1-22       S       ✓ ✓         35       Admin room 1-27       S       ✓ ✓         36       S       ✓ ✓         37       Low water pressure       PS       Does not exist  |          |                    | C            |   |   | 1 |          |   |    |                          |
| 30   GA   |          |                    |              |   |   |   |          |   |    |                          |
| 31         32         Admin room 1-26         S         ✓         ✓           33         Admin room 1-25         S         ✓         ✓           34         Admin room 1-22         S         ✓         ✓           35         Admin room 1-27         S         ✓         ✓           36         37         Low water pressure         PS         Does not exist   |          | By exit 1-12 east  |              |   |   | 1 | 1        |   |    |                          |
| 32         Admin room 1-26         S         ✓         ✓           33         Admin room 1-25         S         ✓         ✓           34         Admin room 1-22         S         ✓         ✓           35         Admin room 1-27         S         ✓         ✓           36         S         ✓         ✓           37         Low water pressure         PS         Does not exist  | 30       |                    | GA           |   |   | 1 | 1        |   |    |                          |
| 33       Admin room 1-25       S       Image: Control of the control  | 31       |                    |              |   |   |   |          |   |    |                          |
| 34         Admin room 1-22         S         ✓         ✓           35         Admin room 1-27         S         ✓         ✓           36         S         ✓         ✓           37         Low water pressure         PS         Does not exist  |          | Admin room 1-26    |              |   |   | 1 | 1        |   |    |                          |
| 35         Admin room 1-27         S         ✓         ✓           36         S         ✓         ✓           37         Low water pressure         PS         Does not exist   | 33       | Admin room 1-25    | S            |   |   | 1 | 1        |   |    |                          |
| 36   Book and the state of the |          | Admin room 1-22    |              |   |   | 1 | 1        |   |    |                          |
| 37 Low water pressure PS Does not exist   | 35       | Admin room 1-27    | S            |   |   | 1 | 1        |   |    |                          |
|   | 36       |                    |              |   |   |   |          |   |    |                          |
|   | 37       | Low water pressure | PS           |   |   |   |          |   |    | Does not exist           |
|   |          | 1                  |              |   |   |   |          |   |    |                          |

| M   | Manual pull station         | FS         | Sprinkler flow switch   | В            | Bell                |
|-----|-----------------------------|------------|-------------------------|--------------|---------------------|
| HT  | Heat detector, fixed temp   | TS         | Sprinkler tamper switch | K            | Buzzer/suite buzzer |
| RHT | Heat detector, rate of rise | LA         | Low air pressure switch | C            | Chime               |
| S   | Smoke detector              | PS         | Alarm pressure switch   | $\mathbf{V}$ | Visual alarm        |
| DS  | Duct smoke detector         | SA         | Smoke alarm             | SP           | Loudspeaker         |
| K/V | Horn/strobe                 | AD         | Ancillary device        | ET           | Fire phone          |
| H   | Horn                        | <b>EOL</b> | End of line resistor    | GA           | General alarm       |

|         | Location                     | Device | A  | В  | С    | D      | E                       | F | Remarks                        |
|---------|------------------------------|--------|----|----|------|--------|-------------------------|---|--------------------------------|
| 41      |                              |        |    |    |      |        |                         |   |                                |
| 42      | <b>BUILDING 2 – Activity</b> |        |    |    |      |        |                         |   |                                |
| 43      |                              |        |    |    |      |        |                         |   |                                |
| 44      | By 2–32A SE                  | M      |    |    | 1    | 1      |                         |   |                                |
| 45      |                              | GA     |    |    | 1    | 1      |                         |   |                                |
| 46      | By 2–5                       | В      |    |    | 1    |        |                         |   |                                |
| 47      | Exit lobby 2–28A SW          | M      |    |    | 1    | 1      |                         |   |                                |
| 48      |                              | GA     |    |    | 1    | 1      |                         |   |                                |
| 49      | By 2 – 24                    | В      |    |    | 1    |        |                         |   |                                |
| 50      | By exit 2–12A NW             | M      |    |    | 1    | 1      |                         |   |                                |
| 51      |                              | GA     |    |    | 1    | 1      |                         |   |                                |
| 52      | By 2–31                      | В      |    |    | 1    |        |                         |   |                                |
| 53      | By 2–31 NE                   | M      |    |    | 1    | 1      |                         |   |                                |
| 54      |                              | GA     |    |    | 1    | 1      |                         |   |                                |
| 55      |                              |        |    |    |      |        |                         |   |                                |
| 56      | Sprinkler room 2–11          | TS     |    |    |      | 1      |                         |   | Non-latching/low water removed |
| 57      |                              | TS     |    |    |      | 1      |                         |   | Non-latching/low water removed |
| 58      |                              | FS     |    |    | 1    | 1      |                         |   | 26 seconds                     |
| 59      |                              |        |    |    |      |        |                         |   |                                |
| 60      |                              |        |    |    |      |        |                         |   |                                |
| 61      |                              |        |    |    |      |        |                         |   |                                |
| 62      | Building 21-36 dry           | LA     |    |    |      | 1      |                         |   | 20 psi cut in                  |
| 63      | Dry                          | TS     |    |    |      | 1      |                         |   |                                |
| 64      |                              | PS     |    |    | 1    | 1      |                         |   |                                |
| 65      | Wet 2 - 1 <sup>st</sup>      | TS     |    |    |      | 1      |                         |   |                                |
| 66      |                              | FS     |    |    | 1    | 1      |                         |   | 28 seconds                     |
| 67      | Wet 1 – 2 <sup>nd</sup>      | TS     |    |    |      | 1      |                         |   |                                |
| 68      |                              | FS     |    |    | 1    | 1      |                         |   | 26 seconds                     |
| 69      |                              |        |    |    |      |        |                         |   |                                |
| 70      | Backflow                     | TS     |    |    |      | 1      |                         |   |                                |
| 71      | Backflow                     | TS     |    |    |      | 1      |                         |   |                                |
| 72      | Ducinio ()                   | 12     |    |    |      |        |                         |   |                                |
| 73      | Main riser                   | TS     |    |    |      | 1      |                         |   |                                |
| 74      | Main incoming                | TS     |    |    |      | 1      |                         |   |                                |
| 75      | Trum meeting                 | 15     |    |    |      |        |                         |   |                                |
| 76      |                              |        |    |    |      |        |                         |   |                                |
| 77      |                              |        |    |    |      |        |                         |   |                                |
| 78      |                              |        |    |    |      |        |                         |   |                                |
| 79      |                              |        |    |    |      |        |                         |   |                                |
| 80      |                              |        |    |    |      |        |                         |   |                                |
| 81      |                              |        |    |    |      |        |                         |   |                                |
| 82      |                              |        |    |    |      |        |                         |   |                                |
| 83      |                              |        |    |    |      |        |                         |   |                                |
| 84      |                              |        |    |    |      |        |                         |   |                                |
| 85      |                              |        |    |    |      |        |                         |   |                                |
| 86      |                              |        |    |    |      |        |                         |   |                                |
| 87      |                              |        |    |    |      |        |                         |   |                                |
| 88      |                              |        |    |    |      |        |                         |   |                                |
| 89      |                              |        |    |    |      |        |                         |   |                                |
| 90      |                              |        |    |    |      |        |                         |   |                                |
| 90<br>N | Manual pull station          |        | FS | Ç. | <br> | er flo | w switch                |   | B Bell                         |
|         | T Heat detector, fixed temp  |        | TS |    |      |        | w SWIICH<br>nner Switch |   | K Ruzzer/suite buzzer          |



### FIRE ALARM SYSTEM REPORT

| Date: July 2        | 017                                    | ✓ Annual Inspection                                      |  |  |  |  |  |
|---------------------|--|--|--|--|--|--|--|
| <b>Building Nam</b> | e: 3 – Inst. Services Works Department | Technicians: Matthew Kowalenko FP1093 / Allen Amy FP1093 |  |  |  |  |  |
| Address:            | 33737 Dewdney Trunk Road               | City: Mission  |  |  |  |  |  |

| A. Correctly installed                            | D. Annunciator indication confirmed |
|---|-------------------------------------|
| B. Requires service, repairs, missing or cleaning | E. Zone circuit number or address   |
| C. Alarm operation confirmed                      | F. Smoke sensitivity testing        |

|    | Location             | Device | A | В  | C        | D                | E | F | Remarks                          |
|----|----------------------|--------|---|--|----------|------------------|---|---|----------------------------------|
| 1  | 3-6 main entrance    | M      |   |  | 1        | 1                |   |   | Commissary                       |
| 2  |                      | GA     |   |  | 1        | 1                |   |   |                                  |
| 3  | 3-5A                 | В      |   |  | 1        |                  |   |   |                                  |
| 4  |                      | M      |   |  | 1        | 1                |   |   | Staff dining room                |
| 5  |                      | GA     |   |  | 1        | 1                |   |   | Staff dining room                |
| 6  |                      |        |   |  |          |                  |   |   |                                  |
| 7  | 3-7                  | TS     |   |  |          | 1                |   |   |                                  |
| 8  | Sprinkler            | TS     |   |  |          | 1                |   |   | Non-latching/low water - removed |
| 9  |                      | TS     |   |  |          | 1                |   |   | Non-latching/low water - removed |
| 10 |                      | FS     |   |  | 1        | 1                |   |   | 33 seconds                       |
| 11 |                      |        |   |  |          |                  |   |   |                                  |
| 12 | Electrical room 3-23 | S      |   |  | 1        | 1                |   |   | Inst. services electrical room   |
| 13 |                      | M      |   |  | 1        | 1                |   |   |                                  |
| 14 |                      | GA     |   |  | 1        | 1                |   |   |                                  |
| 15 |                      |        |   |  |          |                  |   |   |                                  |
| 16 | 3-35A                | M      |   |  | 1        | 1                |   |   | West meeting room                |
| 17 |                      | GA     |   |  | 1        | 1                |   |   |                                  |
| 18 |                      | В      |   |  | 1        |                  |   |   |                                  |
| 19 | 3-35                 | M      |   |  | 1        | 1                |   |   | South meeting room               |
| 20 |                      | GA     |   |  | 1        | 1                |   |   |                                  |
| 21 | 3-34                 | M      |   |  | 1        | 1                |   |   | South office area                |
| 22 |                      | GA     |   |  | 1        | 1                |   |   |                                  |
| 23 | By 3-19              | В      |   |  | 1        |                  |   |   |                                  |
| 24 | By 3-16              | M      |   |  | 1        | 1                |   |   | East hall                        |
| 25 |                      | GA     |   |  | 1        | 1                |   |   |                                  |
| 26 | 3-30                 | S      |   |  | 1        | 1                |   |   | Security storage                 |
| 27 |                      | S      |   |  | 1        | 1                |   |   | ,                                |
| 28 | 3-15A                | В      |   |  | 1        |                  |   |   |                                  |
| 29 |                      | M      |   |  | 1        | 1                |   |   | Stores main entrance             |
| 30 | 3-15A                | GA     |   |  | 1        | 1                |   |   |                                  |
| 31 | By 3-20              | В      |   |  | 1        |                  |   |   |                                  |
| 32 | By 3-11              | M      |   |  | 1        | 1                |   |   | Stores north                     |
| 33 | <b>V</b>             | GA     |   |  | 1        | 1                |   |   |                                  |
| 34 |                      |        |   |  |          |                  |   |   |                                  |
| 35 | Stores south         | S      |   |  | 1        | 1                |   |   |                                  |
| 36 | Stores north         | S      |   |  | 1        | 1                |   | + |                                  |
| 37 | Stores center        | S      |   |  | 1        | 1                |   | + | High                             |
| 20 |                      | TDC    | - | <del>                                     </del> | <b>-</b> | <del>  ,  </del> |   | - |                                  |

| M            | Manual pull station         | FS                     | Sprinkler flow switch   | В             | Bell                |
|--------------|-----------------------------|------------------------|-------------------------|---------------|---------------------|
| HT           | Heat detector, fixed temp   | TS                     | Sprinkler tamper switch | K             | Buzzer/suite buzzer |
| RHT          | Heat detector, rate of rise | $\mathbf{L}\mathbf{A}$ | Low air pressure switch | $\mathbf{C}$  | Chime               |
| $\mathbf{S}$ | Smoke detector              | PS                     | Alarm pressure switch   | $\mathbf{V}$  | Visual alarm        |
| DS           | Duct smoke detector         | SA                     | Smoke alarm             | SP            | Loudspeaker         |
| K/V          | Horn/strobe                 | AD                     | Ancillary device        | $\mathbf{ET}$ | Fire phone          |
| H            | Horn                        | EOL                    | End of line resistor    | GA            | General alarm       |

38

TS

| Generator 16-8  Generator 16-8  Core Can 21-LA  Core Can 21-LA  Core Can west  Core Can | M<br>GA<br>M<br>GA   |  |  | 1   | 1   |   |   |  |
|---|--|--|--|---|---|---|---|--|
| Core Can 21-LA Core Can 21-LA Core Can west   | M  |  |  | 1   | 1   |   |   |  |
| Core Can 21-LA<br>Core Can west   |  |  |  |   |   |   |   |  |
| Core Can 21-LA<br>Core Can west   |  |  |  |   |   |   |   |  |
| Core Can 21-LA<br>Core Can west   |  |  |  |   |   |   |   |  |
| Core Can west   | GA   |  |  | 1   | 1   |   |   | Textiles building  |
|   |  |  |  | 1   | 1   |   |   | Textiles building  |
| Core Can  | M  |  |  | 1   | 1   |   |   | Textiles building  |
|   | GA   |  |  | 1   | 1   |   |   | Textiles building  |
| Core Can west wall  | В  |  |  | 1   |   |   |   | Textiles building  |
| G G A1 477  | 3.5  |  |  | _   |   |   | -   | and or   |
| Core Can 21-1U  |  |  |  |   |   |   | -   | 2 <sup>nd</sup> floor  |
|   |  | -  |  |   | •   |   |   | 2 <sup>nd</sup> floor  |
|   |  | -  |  |   |   |   |   | 2 <sup>nd</sup> floor  |
| Top of stairs   | S  | -  |  | -   | •   |   |   |  |
|   |  | -  |  | -   |   |   | +   |  |
|   |  |  |  |   |   |   | +-  |  |
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|   |  |  |  |   |   |   |   |  |
|   |  |  |  |   |   |   |   |  |
|   | Core Can 21-1U Core Can 21-2U Top of stairs  Manual pull station T Heat detector, fixed temp | Core Can 21-1U Core Can 21-2U B Top of stairs S  Manual pull station | Core Can 21-1U GA Core Can 21-2U B Top of stairs S  Manual pull station FS | Core Can 21-1U Core Can 21-2U B Top of stairs S S  Manual pull station FS S | Core Can 21-1U Core Can 21-2U B Top of stairs S S | Core Can 21-1U Core Can 21-2U B Top of stairs S S | Core Can 21-1U Core Can 21-2U B Top of stairs S V  Manual pull station  FS  Sprinkler flow switch | Core Can 21-1U Core Can 21-2U B Top of stairs S S Top of stairs S Top of stair |



#### FIRE ALARM SYSTEM REPORT

| Date: July 20        | 17                       | ✓ Annual Inspection                                      |  |  |  |  |  |
|----------------------|--------------------------|--|--|--|--|--|--|
| <b>Building Name</b> | : 20 – Weight Room       | Technicians: Matthew Kowalenko FP1093 / Allen Amy FP1093 |  |  |  |  |  |
| Address:             | 33737 Dewdney Trunk Road | City: Mission  |  |  |  |  |  |

| A. Correctly installed                            | D. Annunciator indication confirmed |
|---|-------------------------------------|
| B. Requires service, repairs, missing or cleaning | E. Zone circuit number or address   |
| C. Alarm operation confirmed                      | F. Smoke sensitivity testing        |

"✓" Yes – Acceptable "X" No – Unacceptable "NA" Not applicable Location Device В  $\mathbf{C} \mid \mathbf{D}$ Remarks  $\mathbf{E}$ STAFF GYM/MEDICAL 1 2 3 Gym north exit 1 M 1 4 Gym north exit GA 1 5 1 Gym west exit M Gym west exit GA 1 6 7 Health north exit 1 1 8  $\mathbf{M}$ 9 Health north exit GA 1 1 1 10 Health north exit **RHT** 11 12 Gym 20-1A RHT 1 1 13 **Room 20A-2 RHT** 14 Hallway 1 В 15 **Room 20A-8** 1 1 16 **RHT** 17 Room 20A-3 **RHT** 1 1 18 **Room 20A-4** RHT 1 1 1 1 **Room 20A-6** 19 **RHT** 1-001 Room 20A-5 / 20 **RHT** 1-002 RHT 21 By room 20A-5 22 23 / 1 1-101/1-102 East exit  $\mathbf{M}$ 1 24 GA 25 Elec/FA room 20A-10  $\mathbf{M}$ 1 **26** 1 1 Elec/FA room 20A-10 GA 27 1 1 28 Elec/FA room 20A-10 RHT 29 1 **30** Gym В 31 By 20A - 1A RHT 1 32 33 34 35 36 37

| M   | Manual pull station         | $\mathbf{FS}$ | Sprinkler flow switch   | В            | Bell                |
|-----|-----------------------------|---------------|-------------------------|--------------|---------------------|
| HT  | Heat detector, fixed temp   | TS            | Sprinkler tamper switch | K            | Buzzer/suite buzzer |
| RHT | Heat detector, rate of rise | LA            | Low air pressure switch | $\mathbf{C}$ | Chime               |
| S   | Smoke detector              | PS            | Alarm pressure switch   | $\mathbf{V}$ | Visual alarm        |
| DS  | Duct smoke detector         | SA            | Smoke alarm             | SP           | Loudspeaker         |
| K/V | Horn/strobe                 | AD            | Ancillary device        | ET           | Fire phone          |
| H   | Horn                        | EOL           | End of line resistor    | GA           | General alarm       |

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| 1   24 - Multi-Purpose Bidg  |    | Location                               | Device | Α  | В  | С      | D      | E        | F | Remarks                                     |
|--|----|--|--------|----|----|--------|--------|----------|---|---|
| 32   By exit 24-7   M  | 41 |  |        |    |    |        |        |          |   |   |
| Room 24-0A   RHT   | 42 | By exit 24-7                           | M      |    |    | 1      | 1      |          |   |   |
| Hallway  | 43 |  | RHT    |    |    | 1      | 1      |          |   |   |
| 45   |    |  |        |    |    |        |        |          |   | Faulty                                      |
| 46   |    |  |        |    |    |        |        |          |   |   |
| A   Bound   A    |    |  |        |    |    | 1      | 1      |          |   |   |
| 48   By exit 24-5   B  |    | · ·                                    |        |    |    | 1      | 1      |          |   |   |
| 49   |    |  | _      |    |    | 1      | 1      |          |   |   |
| Solution   Solution  |    |  |        |    |    | 1      |        |          |   |   |
| S1   |    |  |        |    |    | 1      | 1      |          |   | Faulty – replaced                           |
| S2   S3   S4   S4   S4   S4   S4   S4   S4   |    |  |        |    |    | 1      | 1      |          |   |   |
| S3   |    | Trechamen 100m 24 5                    | 1411   |    |    |        |        |          |   | LOL   |
| S4   23 - Chapel   |    |  |        |    |    |        |        |          |   |   |
| Storage 23-9   |    | 23 - Chanel                            |        |    |    |        |        |          |   | Devices don't go into alarm for 100 seconds |
| Section  |    |  | М      |    |    |        |        |          |   |   |
| S7   By exit 23-10A   M  |    | Dy CAR 25 0                            |        |    |    |        |        |          |   |   |
| Section   Chape   Ch |    | Ry exit 23-10A                         |        |    |    | 1      | 1      |          |   | 1 ton compliant requires repair             |
| Solution   |    |  |        |    |    | _      |        |          |   |   |
| 60 Hallway by 23-1 RHT 61 Chaplin office 23-1 RHT 62 Chaplin office 23-2 RHT 63 Storage 23-9 RHT 64 Mechanical room 23-3 RHT 65 Janitor room 23-4 RHT 66 Hallway by 23-4 RHT 67 Washroom 23-7 RHT 68 Washroom 23-8 RHT 69 70 Aboriginal Building 71 38 RHT 72 Note on panel – do not test! 73 74 75 76 77 78 79 80 81 81 82 83 84  |    |  |        |    |    |        |        |          |   |   |
| 61 Chaplin office 23-1 RHT 62 Chaplin office 23-2 RHT 63 Storage 23-9 RHT 64 Mechanical room 23-3 RHT 65 Janitor room 23-4 RHT 66 Hallway by 23-4 RHT 67 Washroom 23-7 RHT 68 Washroom 23-8 RHT 69 70 Aboriginal Building 71 38 RHT 72 On Mission Prison site 72 Note on panel – do not test! 73 74 75 76 77 78 78 79 80 81 81 82 83 84  |    | Hallway by 23-1                        |        |    |    |        |        |          |   |   |
| 62 Chaplin office 23-2 RHT 63 Storage 23-9 RHT 64 Mechanical room 23-3 RHT 65 Janitor room 23-4 RHT 66 Hallway by 23-4 RHT 67 Washroom 23-7 RHT 68 Washroom 23-8 RHT 69 On Mission Prison site 70 Aboriginal Building 71 38 RHT 72 On Mission Prison site 72 Note on panel – do not test! 73 74 75 76 77 78 79 80 81 81 82 83 84   |    |  |        |    |    |        |        |          |   |   |
| 63 Storage 23-9 RHT 64 Mechanical room 23-3 RHT 65 Janitor room 23-4 RHT 66 Hallway by 23-4 RHT 67 Washroom 23-7 RHT 68 Washroom 23-8 RHT 69 70 Aboriginal Building 71 38 RHT 72 Note on panel – do not test! 73 74 75 76 77 78 79 80 81 81 82 83 84   |    |  |        |    |    |        |        |          |   |   |
| 64 Mechanical room 23-3 RHT 65 Janitor room 23-4 RHT 66 Hallway by 23-4 RHT 67 Washroom 23-7 RHT 68 Washroom 23-8 RHT 69 On Mission Prison site 70 Aboriginal Building 71 38 RHT On Mission Prison site 72 Note on panel – do not test! 73 Note on panel – do not test! 75 76 77 78 78 79 80 80 81 81 82 83 84 84 88 84  |    |  |        |    |    |        |        |          |   |   |
| 65   |    |  |        |    |    |        |        |          |   |   |
| 66 Hallway by 23-4 RHT 67 Washroom 23-7 RHT 68 Washroom 23-8 RHT 69 70 Aboriginal Building 71 38 RHT 72 Note on panel – do not test! 73 74 75 76 77 78 79 80 80 81 82 83 84  |    |  |        |    |    |        |        |          |   |   |
| 67 Washroom 23-7 RHT 68 Washroom 23-8 RHT 69 70 Aboriginal Building 71 38 RHT 72 Note on panel – do not test! 73 74 75 76 77 78 78 79 80 81 82 83 84 84 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8  |    |  | _      |    |    |        |        |          |   |   |
| 68       Washroom 23-8       RHT   |    |  |        |    |    |        |        |          |   |   |
| 69       Aboriginal Building         71       38       RHT       On Mission Prison site         72       Note on panel – do not test!         73       1       1         74       1       1         75       1       1         76       1       1         77       1       1         78       1       1         79       1       1         80       1       1         81       1       1         82       1       1         83       1       1         84       1       1  |    |  | _      |    |    |        |        |          |   |   |
| 70         Aboriginal Building         On Mission Prison site           71         38         RHT         Note on panel – do not test!           73         74         75         76         77         78         79         80         81         82         83         84         84         84         84         84         84         84         84         86         86         86         86         86         86         87         87         88         8  |    | ************************************** | KIII   |    |    |        |        |          |   |   |
| 71         38         RHT         On Mission Prison site           72         Note on panel – do not test!           73         ————————————————————————————————————   |    | Aboriginal Building                    |        |    |    |        |        |          |   |   |
| Note on panel – do not test!   |    |  | RHT    |    |    |        |        |          |   | On Mission Prison site                      |
| 73         74         75         76         77         78         79         80         81         82         83         84  |    | 30                                     | KIII   |    |    |        |        |          |   |   |
| 74   |    |  |        |    |    |        |        |          |   | Trote on paner do not test.                 |
| 75         76         77         78         79         80         81         82         83         84  |    |  |        |    |    |        |        |          |   |   |
| 76         77         78         79         80         81         82         83         84   |    |  |        |    |    |        |        |          |   |   |
| 77         78         79         80         81         82         83         84  |    |  |        |    |    |        |        |          |   |   |
| 78         79         80         81         82         83         84   |    |  |        |    |    |        |        |          |   |   |
| 79<br>80<br>81<br>82<br>83<br>84   |    |  |        |    |    |        |        |          |   |   |
| 80       81       82       83       84   |    |  |        |    |    |        |        |          |   |   |
| 81<br>82<br>83<br>84   |    |  |        |    |    |        |        |          |   |   |
| 82<br>83<br>84   |    |  |        |    |    |        |        |          |   |   |
| 83 84  |    |  |        |    |    |        |        |          |   |   |
| 84   |    |  |        |    |    |        |        |          |   |   |
|  |    |  |        |    |    |        |        |          |   |   |
|  |    |  |        | 1  |    |        |        |          |   |   |
| 86   |    |  |        | 1  |    |        |        |          |   |   |
| 87   |    |  |        |    |    |        |        |          |   |   |
| 88   |    |  |        |    |    |        |        |          |   |   |
| 89   |    |  |        |    |    |        |        |          |   |   |
| 90   |    |  |        | 1  |    |        |        |          |   |   |
| M Manual pull station FS Sprinkler flow switch B Bell  |    | Manual pull station                    | 1      | FS | Sı | prinkl | er flo | w switch | - | B Bell                                      |

| M   | Manual pull station         | FS  | Sprinkler flow switch   | В             | Bell                |
|-----|-----------------------------|-----|-------------------------|---------------|---------------------|
| HT  | Heat detector, fixed temp   | TS  | Sprinkler tamper switch | K             | Buzzer/suite buzzer |
| RHT | Heat detector, rate of rise | LA  | Low air pressure switch | C             | Chime               |
| S   | Smoke detector              | PS  | Alarm pressure switch   | $\mathbf{V}$  | Visual alarm        |
| DS  | Duct smoke detector         | SA  | Smoke alarm             | SP            | Loudspeaker         |
| K/V | Horn/strobe                 | AD  | Ancillary device        | $\mathbf{ET}$ | Fire phone          |
| H   | Horn                        | EOL | End of line resistor    | GA            | General alarm       |



#### FIRE ALARM SYSTEM REPORT

| Date: July 201        | 17                          | ✓ Annual Inspection                                      |  |  |  |  |  |  |  |
|-----------------------|-----------------------------|--|--|--|--|--|--|--|--|
| <b>Building Name:</b> | Mission Minimum Institution | Technicians: Matthew Kowalenko FP1093 / Allen Amy FP1093 |  |  |  |  |  |  |  |
| Address:              | 33737 Dewdney Trunk Road    | City: Mission  |  |  |  |  |  |  |  |

| A. Correctly installed                            | D. Annunciator indication confirmed |
|---|-------------------------------------|
| B. Requires service, repairs, missing or cleaning | E. Zone circuit number or address   |
| C. Alarm operation confirmed                      | F. Smoke sensitivity testing        |

"✓" Yes – Acceptable "X" No – Unacceptable "NA" Not applicable

Location Device A B C D E F

|          | Location            | Device | A | В | C | D | E | F | Remarks   |
|----------|---------------------|--------|---|---|---|---|---|---|-----------|
| 1        | <b>BUILDING 29A</b> |        |   |   |   |   |   |   |           |
| 2        |                     |        |   |   |   |   |   |   |           |
| 3        | 29A-2               | SA     |   |   | 1 |   |   |   |           |
| 4        | Bedroom 1           | SA/V   |   |   | 1 |   |   |   |           |
| 5        | 29A-B               | SA/V   |   |   | 1 |   |   |   |           |
| 6        | 29A-16              | SA/V   |   |   | 1 |   |   |   |           |
| 7        | Hallway             | SA     |   |   | 1 |   |   |   |           |
| 8        | -                   |        |   |   |   |   |   |   |           |
| 9        |                     |        |   |   |   |   |   |   |           |
| 10       |                     |        |   |   |   |   |   |   |           |
| 11       | BUILDING 29B        |        |   |   |   |   |   |   |           |
| 12       |                     |        |   |   |   |   |   |   |           |
| 13       | 29B-4               | SA     |   |   | 1 |   |   |   |           |
| 14       | 29B-8               | SA     |   |   | 1 |   |   |   |           |
| 15       | 29B-7               | SA     |   |   | 1 |   |   |   |           |
| 16       | 29B-6               | SA     |   |   | 1 |   |   |   |           |
| 17       |                     |        |   |   |   |   |   |   |           |
| 18       |                     |        |   |   |   |   |   |   |           |
| 19       |                     |        |   |   |   |   |   |   |           |
| 20       | Generator           | S      |   |   | 1 | 1 |   |   |           |
| 21       |                     | AD     |   |   | 1 |   |   |   | High fuel |
| 22       |                     |        |   |   |   |   |   |   |           |
| 23       |                     |        |   |   |   |   |   |   |           |
| 24       |                     |        |   |   |   |   |   |   |           |
| 24<br>25 |                     |        |   |   |   |   |   |   |           |
| 26       |                     |        |   |   |   |   |   |   |           |
| 27       |                     |        |   |   |   |   |   |   |           |
| 28       |                     |        |   |   |   |   |   |   |           |
| 29       |                     |        |   |   |   |   |   |   |           |
| 30       |                     |        |   |   |   |   |   |   |           |
| 31       |                     |        |   |   |   |   |   |   |           |
| 32       |                     |        |   |   |   |   |   |   |           |
| 33       |                     |        |   |   |   |   |   |   |           |
| 34<br>35 |                     |        |   |   |   |   |   |   |           |
| 35       |                     |        |   |   |   |   |   |   |           |
| 36       |                     |        |   |   |   |   |   |   |           |
| 37       |                     |        |   |   |   |   |   |   |           |
| 38       |                     |        |   |   |   |   |   |   |           |

| M            | Manual pull station         | FS  | Sprinkler flow switch   | В            | Bell                |
|--------------|-----------------------------|-----|-------------------------|--------------|---------------------|
| HT           | Heat detector, fixed temp   | TS  | Sprinkler tamper switch | K            | Buzzer/suite buzzer |
| RHT          | Heat detector, rate of rise | LA  | Low air pressure switch | $\mathbf{C}$ | Chime               |
| $\mathbf{S}$ | Smoke detector              | PS  | Alarm pressure switch   | $\mathbf{V}$ | Visual alarm        |
| DS           | Duct smoke detector         | SA  | Smoke alarm             | SP           | Loudspeaker         |
| K/V          | Horn/strobe                 | AD  | Ancillary device        | ET           | Fire phone          |
| H            | Horn                        | EOL | End of line resistor    | GA           | General alarm       |



| Date: July 201        | 17                                     | ✓ Annual Inspection                                      |  |  |  |  |  |  |
|-----------------------|--|--|--|--|--|--|--|--|
| <b>Building Name:</b> | Mission Minimum Institution – Bldg. 34 | Technicians: Matthew Kowalenko FP1093 / Allen Amy FP1093 |  |  |  |  |  |  |
| Address:              | 33737 Dewdney Trunk Road               | City: Mission  |  |  |  |  |  |  |

| A. Correctly installed                            | D. Annunciator indication confirmed |
|---|-------------------------------------|
| B. Requires service, repairs, missing or cleaning | E. Zone circuit number or address   |
| C. Alarm operation confirmed                      | F. Smoke sensitivity testing        |

|    | ""Yes - Acceptable" X" No - Unacceptable "NA" Not applicable |          |   |   |          |   |   |          |                           |  |  |  |
|----|--|----------|---|---|----------|---|---|----------|---------------------------|--|--|--|
|    | Location   | Device   | A | В | C        | D | E | F        | Remarks                   |  |  |  |
| 1  | 21–2L  | GA       |   |   | 1        | 1 |   |          |                           |  |  |  |
| 2  | 21–1L  | В        |   |   | 1        |   |   |          |                           |  |  |  |
| 3  | Building 34 electrical                                       | HT       |   |   | 1        | 1 |   |          | Black button              |  |  |  |
| 4  | Garage area  | HT       |   |   | /        | 1 |   |          | High ceiling black button |  |  |  |
| 5  |  | HT       |   |   | /        | 1 |   |          | High ceiling black button |  |  |  |
| 6  |  | HT       |   |   | 1        | 1 |   |          | High ceiling black button |  |  |  |
| 7  | By 34–1  | В        |   |   | <b>\</b> |   |   |          |                           |  |  |  |
| 8  | By 34–1  | M        |   |   | 1        | 1 |   |          |                           |  |  |  |
| 9  | By 34–1A   | M        |   |   | 1        | 1 |   |          |                           |  |  |  |
| 10 | 34–3   | S        |   |   | 1        | 1 |   |          |                           |  |  |  |
| 11 | 34–4   | HT       |   |   | 1        | 1 |   |          | Black button              |  |  |  |
| 12 | 34–5   | RHT      |   |   | 1        | 1 |   |          |                           |  |  |  |
| 13 | Room 35-3  | HT       |   |   | <b>\</b> | 1 |   |          | Black button              |  |  |  |
| 14 |  | M        |   |   | 1        | 1 |   |          |                           |  |  |  |
| 15 |  | В        |   |   | 1        |   |   |          |                           |  |  |  |
| 16 | Room 35–2  | M        |   |   | 1        | 1 |   |          |                           |  |  |  |
| 17 |  | RHT      |   |   | 1        | 1 |   |          |                           |  |  |  |
| 18 | Room 35-1  | M        |   |   | 1        | 1 |   |          |                           |  |  |  |
| 19 |  | В        |   |   | 1        |   |   |          |                           |  |  |  |
| 20 |  | HT       |   |   | 1        | 1 |   |          | Black button              |  |  |  |
| 21 | Room 28–1  | В        |   |   | 1        |   |   |          |                           |  |  |  |
| 22 |  | RHT      |   |   | 1        | 1 |   |          |                           |  |  |  |
| 23 |  | RHT      |   |   | 1        | 1 |   |          |                           |  |  |  |
| 24 |  | RHT      |   |   | 1        | \ |   |          |                           |  |  |  |
| 25 | Room 28–8  | RHT      |   |   | 1        | 1 |   |          | Flammables room           |  |  |  |
| 26 | Room 28–9  | RHT      |   |   | 1        | 1 |   |          |                           |  |  |  |
| 27 | Room 18–1  | M        |   |   | 1        | 1 |   |          |                           |  |  |  |
| 28 |  | В        |   |   | 1        |   |   |          |                           |  |  |  |
| 29 |  | RHT      |   |   | 1        | 1 |   |          |                           |  |  |  |
| 30 | Room 14-1  | M        |   |   | 1        | 1 |   |          |                           |  |  |  |
| 31 |  | RHT      |   |   | 1        | 1 |   |          |                           |  |  |  |
| 32 |  | RHT      |   |   | 1        | 1 |   |          |                           |  |  |  |
| 33 | Room 10-1A   | В        |   |   | 1        |   |   |          |                           |  |  |  |
| 34 | Room 10-2  | M        |   |   | 1        | 1 |   |          |                           |  |  |  |
| 35 |  |          |   |   |          |   |   |          |                           |  |  |  |
| 36 |  |          |   |   |          |   |   |          |                           |  |  |  |
| 37 |  |          |   |   |          |   |   |          |                           |  |  |  |
| 38 |  | <u> </u> |   |   |          |   |   | <u> </u> |                           |  |  |  |

| M   | Manual pull station         | FS  | Sprinkler flow switch   | В            | Bell                |
|-----|-----------------------------|-----|-------------------------|--------------|---------------------|
| HT  | Heat detector, fixed temp   | TS  | Sprinkler tamper switch | K            | Buzzer/suite buzzer |
| RHT | Heat detector, rate of rise | LA  | Low air pressure switch | $\mathbf{C}$ | Chime               |
| S   | Smoke detector              | PS  | Alarm pressure switch   | $\mathbf{V}$ | Visual alarm        |
| DS  | Duct smoke detector         | SA  | Smoke alarm             | SP           | Loudspeaker         |
| K/V | Horn/strobe                 | AD  | Ancillary device        | ET           | Fire phone          |
| H   | Horn                        | EOL | End of line resistor    | GA           | General alarm       |

|                | Location   | Device | A   | В  | C                | D      | E                       | F | Remarks                          |
|----------------|--|--------|-----|----|------------------|--------|-------------------------|---|----------------------------------|
| 41             | 10 woodwork center                               | RHT    |     |    | <b>√</b>         | ✓      |                         |   |                                  |
| 42             | 10–3   | M      |     |    | <b>√</b>         | ✓      |                         |   |                                  |
| 43             | 28–3A  | В      |     |    | 1                |        |                         |   |                                  |
| 44             |  | RHT    |     |    | /                | <      |                         |   | High ceiling                     |
| 45             | 28 – stairs                                      | RHT    |     |    | 1                | 1      |                         |   |                                  |
| 46             | 28–5   | RHT    |     |    | 1                | 1      |                         |   | Paint shop                       |
| 47             | 28–4   | RHT    |     |    | 1                | 1      |                         |   |                                  |
| 48             | 28–6   | RHT    |     |    | 1                | 1      |                         |   | Requires mounting - high ceiling |
| 49             | 28-7   | RHT    |     |    |                  |        |                         |   | •                                |
| 50             |  |        |     |    |                  |        |                         |   |                                  |
| 51             |  |        |     |    |                  |        |                         |   |                                  |
| 52             |  |        |     |    |                  |        |                         |   |                                  |
| 53             |  |        |     |    |                  |        |                         |   |                                  |
| 54<br>55<br>56 |  |        |     |    |                  |        |                         |   |                                  |
| 55             |  |        |     |    |                  |        |                         |   |                                  |
| 56             |  |        |     |    |                  |        |                         |   |                                  |
| 57             |  |        |     |    |                  |        |                         |   |                                  |
| 58             |  |        |     |    |                  |        |                         |   |                                  |
| 59             |  |        |     |    |                  |        |                         |   |                                  |
| 60             |  |        |     |    |                  |        |                         |   |                                  |
| 61             |  |        |     |    |                  |        |                         |   |                                  |
| 62             |  |        |     |    |                  |        |                         |   |                                  |
| 63             |  |        |     |    |                  |        |                         |   |                                  |
| 64             |  |        |     |    |                  |        |                         |   |                                  |
| 65             |  |        |     |    |                  |        |                         |   |                                  |
| 66             |  |        |     |    |                  |        |                         |   |                                  |
| 67             |  |        |     |    |                  |        |                         |   |                                  |
| 68             |  |        |     |    |                  |        |                         |   |                                  |
| 69             |  |        |     |    |                  |        |                         |   |                                  |
| 70             |  |        |     |    |                  |        |                         |   |                                  |
| 71             |  |        |     |    |                  |        |                         |   |                                  |
| 72             |  |        |     |    |                  |        |                         |   |                                  |
| 73             |  |        |     |    |                  |        |                         |   |                                  |
| 74             |  |        |     |    |                  |        |                         |   |                                  |
| 75             |  |        |     |    |                  |        |                         |   |                                  |
| 76             |  |        |     |    |                  |        |                         |   |                                  |
| 77             |  |        |     |    |                  |        |                         |   |                                  |
| 78             |  |        |     |    |                  |        |                         |   |                                  |
| 79             |  |        |     |    |                  |        |                         |   |                                  |
| 80             |  |        |     |    |                  |        |                         |   |                                  |
| 81             |  |        |     |    |                  |        |                         |   |                                  |
| 82             |  |        |     |    |                  |        |                         |   |                                  |
|                |  |        |     |    |                  |        |                         |   |                                  |
| 83             |  |        |     |    |                  |        |                         |   |                                  |
| 84             |  |        |     |    |                  |        |                         |   |                                  |
| 85             |  |        |     |    |                  |        |                         |   |                                  |
| 86             |  |        |     |    |                  |        |                         |   |                                  |
| 87             |  |        |     |    |                  |        |                         |   |                                  |
| 88             |  |        |     |    |                  |        |                         |   |                                  |
| 89             |  |        |     |    |                  |        |                         |   |                                  |
| 90             | A Marcha Nati                                    |        | F-~ |    |                  |        |                         |   | n nu                             |
| M              | Manual pull station IT Heat detector, fixed temp |        | FS  | SI | prinkl<br>orinkl | er 110 | w switch<br>mper switch |   | B Bell<br>K Buzzer/suite buzzer  |

| M   | Manual pull station         | FS  | Sprinkler flow switch   | В             | Bell                |
|-----|-----------------------------|-----|-------------------------|---------------|---------------------|
| HT  | Heat detector, fixed temp   | TS  | Sprinkler tamper switch | K             | Buzzer/suite buzzer |
| RHT | Heat detector, rate of rise | LA  | Low air pressure switch | C             | Chime               |
| S   | Smoke detector              | PS  | Alarm pressure switch   | $\mathbf{V}$  | Visual alarm        |
| DS  | Duct smoke detector         | SA  | Smoke alarm             | SP            | Loudspeaker         |
| K/V | Horn/strobe                 | AD  | Ancillary device        | $\mathbf{ET}$ | Fire phone          |
| H   | Horn                        | EOL | End of line resistor    | GA            | General alarm       |



| Date: July 2017   | ✓ Annual Inspection                                      |
|---|--|
| <b>Building Name: Mission Minimum Institution – A1 – RES.</b> | Technicians: Matthew Kowalenko FP1093 / Allen Amy FP1093 |
| Address: 33737 Dewdney Trunk Road                             | City: Mission  |

| A. Correctly installed                            | D. Annunciator indication confirmed |
|---|-------------------------------------|
| B. Requires service, repairs, missing or cleaning | E. Zone circuit number or address   |
| C. Alarm operation confirmed                      | F. Smoke sensitivity testing        |

| Location            | Device | A  | В  | C      | D      | E        | F | Remarks         |
|---------------------|--------|----|----|--------|--------|----------|---|-----------------|
| Location            | Device | A  | В  | С      | D      | Е        | F | Remarks         |
| A1 - Residences     |        |    |    |        |        |          |   |                 |
| By room 4           | M      |    |    | 1      | 1      | 1        |   |                 |
| Room 4              | S      |    |    | 1      | 1      | 2        |   |                 |
| Room 5              | S      |    |    | 1      | 1      | 2        |   |                 |
| Room 6              | S      |    |    | 1      | 1      | 2        |   |                 |
| Hall by 6           | S      |    |    | 1      | 1      | 2        |   |                 |
| Room 1              | S      |    |    | 1      | 1      | 2        |   |                 |
| Room 3              | S      |    |    | 1      | 1      | 2        |   |                 |
| Room 2              | S      |    |    | 1      | 1      | 2        |   |                 |
| Hall by 1           | S      |    |    | 1      | 1      | 2        |   |                 |
| Mechanical room     | TS     |    |    |        | 1      | 4        |   |                 |
| 1/10/11/11/11       | TS     |    |    |        | 1      | 4        |   |                 |
|                     | TS     |    |    |        | 1      | 4        |   |                 |
|                     | FS     |    |    | 1      | 1      | 3        |   | 18 seconds      |
| Hall by 4           | В      |    |    | 1      |        | A        |   |                 |
| Hall by 1           | В      |    |    | 1      |        | A        |   |                 |
|                     | 1.5    |    |    |        |        |          |   |                 |
| FA panel            | AD     |    |    | 1      |        |          |   | Trouble to main |
|                     | AD     |    |    | 1      |        |          |   | Alarm to main   |
|                     |        |    |    |        |        |          |   |                 |
|                     |        |    |    |        |        |          |   |                 |
|                     |        |    |    |        |        |          |   |                 |
|                     |        |    |    |        |        |          |   |                 |
|                     |        |    |    |        |        |          |   |                 |
|                     |        |    |    |        |        |          |   |                 |
|                     |        | +  |    |        |        |          |   |                 |
|                     |        |    |    |        |        |          |   |                 |
| Manual pull station |        | FS | Sı | orinkl | er fla | w switch |   | B Bell          |

| M   | Manual pull station         | FS  | Sprinkler flow switch   | В       | Bell                |
|-----|-----------------------------|-----|-------------------------|---------|---------------------|
| HT  | Heat detector, fixed temp   | TS  | Sprinkler tamper switch | K       | Buzzer/suite buzzer |
| RHT | Heat detector, rate of rise | LA  | Low air pressure switch | C       | Chime               |
| S   | Smoke detector              | PS  | Alarm pressure switch   | ${f v}$ | Visual alarm        |
| DS  | Duct smoke detector         | SA  | Smoke alarm             | SP      | Loudspeaker         |
| K/V | Horn/strobe                 | AD  | Ancillary device        | ET      | Fire phone          |
| H   | Horn                        | EOL | End of line resistor    | GA      | General alarm       |



| Date: July 2017       |   | ✓ Annual Inspection                                      |
|-----------------------|---|--|
| <b>Building Name:</b> | Mission Minimum Institution – A2 - RES. | Technicians: Matthew Kowalenko FP1093 / Allen Amy FP1093 |
| Address:              | 33737 Dewdney Trunk Road                | City: Mission  |

| A. Correctly installed                            | D. Annunciator indication confirmed |
|---|-------------------------------------|
| B. Requires service, repairs, missing or cleaning | E. Zone circuit number or address   |
| C. Alarm operation confirmed                      | F. Smoke sensitivity testing        |

| Location        | Device | A | В | С | D | E | F | Remarks                   |
|-----------------|--------|---|---|---|---|---|---|---------------------------|
| DORM A2         |        |   |   |   |   |   |   |                           |
| Entrance        | M      |   |   | 1 | 1 | 2 |   |                           |
| Room 10         | S      |   |   | 1 | 1 | 1 |   |                           |
| Room 11         | S      |   |   | 1 | 1 | 1 |   |                           |
| Room 12         | S      |   |   | 1 | 1 | 1 |   |                           |
| Hall by 11      | S      |   |   | 1 | 1 | 1 |   |                           |
| Hall by 10      | В      |   |   | 1 |   | A |   |                           |
| Room 7          | S      |   |   | 1 | 1 | 1 |   |                           |
| Room 8          | S      |   |   | 1 | 1 | 1 |   |                           |
| Room 9          | S      |   |   | 1 | 1 | 1 |   |                           |
| Hall by 7       | В      |   |   | 1 |   | A |   |                           |
| Hall by 9       | S      |   |   | 1 | 1 | 1 |   |                           |
| ,               |        |   |   |   |   |   |   |                           |
| Mechanical room | TS     |   |   |   | 1 | 4 |   |                           |
|                 | TS     |   |   |   | 1 | 4 |   |                           |
|                 | TS     |   |   |   | 1 | 4 |   |                           |
|                 | FS     |   |   | 1 | 1 | 3 |   | 21 seconds                |
|                 |        |   |   |   |   |   |   |                           |
| Fire panel      | AD     |   |   | 1 |   |   |   | Trouble and alarm to main |
| •               |        |   |   |   |   |   |   |                           |
|                 |        |   |   |   |   |   |   |                           |
|                 |        |   |   |   |   |   |   |                           |
|                 |        |   |   |   |   |   |   |                           |
|                 |        |   |   |   |   |   |   |                           |
|                 |        |   |   |   |   |   |   |                           |
|                 |        |   |   |   |   |   |   |                           |
|                 |        |   |   |   |   |   |   |                           |
|                 |        |   |   |   |   |   |   |                           |
|                 |        |   |   |   |   |   |   |                           |
|                 |        |   |   |   |   |   |   |                           |
|                 |        |   |   |   |   |   |   |                           |
|                 |        |   |   |   |   |   |   |                           |
|                 |        |   |   |   |   |   |   |                           |
|                 |        |   |   |   |   |   |   |                           |
|                 |        |   |   |   |   |   |   |                           |
|                 |        |   |   |   |   |   | 1 |                           |
|                 |        |   |   |   |   |   |   |                           |
|                 |        | + |   |   |   |   | + |                           |
|                 |        |   |   |   |   |   |   |                           |



| Date: July 2017   | ✓ Annual Inspection                                      |
|---|--|
| <b>Building Name: Mission Minimum Institution – A3 – RES.</b> | Technicians: Matthew Kowalenko FP1093 / Allen Amy FP1093 |
| Address: 33737 Dewdney Trunk Road                             | City: Mission  |

| A. Correctly installed                            | D. Annunciator indication confirmed |
|---|-------------------------------------|
| B. Requires service, repairs, missing or cleaning | E. Zone circuit number or address   |
| C. Alarm operation confirmed                      | F. Smoke sensitivity testing        |

| Location  | Device | A        | В            | C            | D       | E           | F | Remarks                          |
|---|--------|----------|--------------|--------------|---------|-------------|---|----------------------------------|
| T   |        |          | 1            | ı            | 1       |             | - | T                                |
| DORM A3   |        |          |              |              |         |             |   |                                  |
| Entrance  | M      |          |              | 1            | 1       | 2           |   |                                  |
| Room 13   | S      |          |              | 1            | 1       | 1           |   |                                  |
| Room 14   | S      |          |              | 1            | 1       | 1           |   |                                  |
| Room 15   | S      |          |              | 1            | 1       | 1           |   |                                  |
| Hall by 13  | В      |          |              | 1            |         | A           |   |                                  |
|   | S      |          |              | 1            | 1       | 1           |   |                                  |
| Room 16   | S      |          |              | 1            | 1       | 1           |   |                                  |
| Room 17   | S      |          |              | 1            | 1       | 1           |   |                                  |
| Room 18   | S      |          |              | 1            | 1       | 1           |   |                                  |
| Hall by 17  | S      |          |              | 1            | 1       | 1           |   |                                  |
|   | В      |          |              | 1            |         | A           |   |                                  |
|   |        |          |              |              |         |             |   |                                  |
| Mechanical room                                     | TS     |          |              |              | 1       | 4           |   |                                  |
|   | TS     |          |              |              | 1       | 4           |   |                                  |
|   | TS     |          |              |              | 1       | 4           |   |                                  |
|   | FS     |          |              | 1            | 1       | 3           |   | 33 seconds                       |
|   |        |          |              |              |         |             |   |                                  |
| Fire panel  | AD     |          |              | 1            |         |             |   | Trouble and alarm to main        |
| •   |        |          |              |              |         |             |   |                                  |
|   |        |          |              |              |         |             |   |                                  |
|   |        |          |              |              |         |             |   |                                  |
|   |        |          |              |              |         |             |   |                                  |
|   |        |          |              |              |         |             |   |                                  |
|   |        |          |              |              |         |             |   |                                  |
|   |        |          |              |              |         |             |   |                                  |
|   |        |          |              |              |         |             |   |                                  |
|   |        |          |              |              |         |             |   |                                  |
|   |        |          |              |              |         |             |   |                                  |
|   |        |          |              |              |         |             |   |                                  |
|   |        |          |              |              |         |             |   |                                  |
|   |        | +        |              |              |         |             |   |                                  |
|   |        |          |              |              |         | <u> </u>    |   |                                  |
|   |        |          |              |              |         | <u> </u>    |   |                                  |
|   |        |          |              |              |         | <u> </u>    |   |                                  |
| <u> </u>  |        |          |              |              |         | <u> </u>    |   |                                  |
| M Manual pull station                               | l      | FS       | S            | ı<br>prink   | ler flo | ow switch   |   | B Bell                           |
| HT Heat detector, fixed temp                        |        | TS       | $\mathbf{S}$ | prink        | ler ta  | mper switch | 1 | K Buzzer/suite buzzer            |
| RHT Heat detector, rate of rise<br>S Smoke detector |        | LA       | L            | ow ai:       | r pres  | sure switch |   | C Chime<br>V Visual alarm        |
| S Smoke detector DS Duct smoke detector             |        | PS<br>SA |              | larm<br>moke |         | ure switch  |   | V Visual alarm<br>SP Loudspeaker |
| K/V Horn/strobe                                     |        | AI       |              | ncilla       |         |             |   | ET Fire phone                    |



| Date: July 201        | 7  | ✓ Annual Inspection                                      |
|-----------------------|--|--|
| <b>Building Name:</b> | <b>Mission Minimum Institution – A4 – RES.</b> | Technicians: Matthew Kowalenko FP1093 / Allen Amy FP1093 |
| Address:              | 33737 Dewdney Trunk Road                       | City: Mission  |

| A. Correctly installed                            | D. Annunciator indication confirmed |
|---|-------------------------------------|
| B. Requires service, repairs, missing or cleaning | E. Zone circuit number or address   |
| C. Alarm operation confirmed                      | F. Smoke sensitivity testing        |

| Location                                  | C. Alaii | u operation commined |        | 1.1. | 44 <b>3</b> 799 |          |   | oke sensitiv |   |                           |
|---|----------|----------------------|--------|------|-----------------|----------|---|--------------|---|---------------------------|
| DORM A4                                   |          |                      |        |      |                 |          |   |              |   |                           |
| Main entrance                             |          |                      | Device | A    | В               | C        | ע | Ŀ            | r | Kemarks                   |
| Room 22   S                               |          |                      | 125    |      |                 |          | , | 2            |   |                           |
| Room 23                                   |          |                      |        | -    |                 |          |   |              |   | 1400                      |
| Room 24                                   |          |                      |        |      |                 |          |   |              |   |                           |
| Hall by 22   S                            |          |                      |        |      |                 |          |   | 1            |   |                           |
| Room 19                                   |          |                      |        |      |                 |          |   |              |   |                           |
| Room 19                                   |          | Hall by 22           |        |      |                 |          | 1 | 1            |   | 1400A                     |
| Room 20                                   |          |                      |        |      |                 |          |   |              |   |                           |
| Room 21   S                               |          |                      |        |      | ×               |          | 1 | 1            |   |                           |
| Hall by 19   S   V V 1   1400A            |          |                      |        |      |                 | 1        | 1 | 1            |   | 1400A                     |
| B   |          |                      |        |      |                 | 1        | 1 | 1            |   | 1400A                     |
| Mechanical room                           |          | Hall by 19           | S      |      |                 | 1        | 1 | 1            |   | 1400A                     |
| TS  |          |                      | В      |      |                 | 1        |   | A            |   |                           |
| TS  |          |                      |        |      |                 |          |   |              |   |                           |
| TS  |          | Mechanical room      | FS     |      |                 | 1        | 1 | 3            |   | 14 seconds                |
| TS  |          |                      |        |      |                 |          | 1 |              |   |                           |
| TS / 4                                    |          |                      |        |      |                 |          | 1 |              |   |                           |
|   |          |                      |        |      |                 |          | 1 |              |   |                           |
| Fire panel AD / Trouble and alarm to main |          |                      | 120    |      |                 |          |   | -            |   |                           |
|   |          | Fire nanel           | AD     |      |                 | 1        |   |              |   | Trouble and alarm to main |
|   |          | The puner            | 1110   | +    |                 | <u> </u> |   |              |   |                           |
|   |          |                      |        |      |                 |          |   |              |   |                           |
|   |          |                      |        |      |                 |          |   |              |   |                           |
|   |          |                      |        | +-   |                 |          |   |              |   |                           |
|   |          |                      | +      | +    |                 |          |   |              |   |                           |
|   |          |                      | +      |      |                 |          |   |              |   |                           |
|   |          |                      |        | -    |                 |          |   |              |   |                           |
|   |          |                      |        |      |                 |          |   |              |   |                           |
|   |          |                      |        |      |                 |          |   |              |   |                           |
|   |          |                      |        |      |                 |          |   |              |   |                           |
|   |          |                      |        |      |                 |          |   |              |   |                           |
|   |          |                      |        |      |                 |          |   |              |   |                           |
|   |          |                      |        |      |                 |          |   |              |   |                           |
|   |          |                      |        |      |                 |          |   |              |   |                           |
|   |          |                      |        |      |                 |          |   |              |   |                           |
|   |          |                      |        |      |                 |          |   |              |   |                           |
|   |          |                      |        |      |                 |          |   |              |   |                           |
|   |          |                      |        |      |                 |          |   |              |   |                           |

| M            | Manual pull station         | FS | Sp                        | rinkle  | r flov | v switch    |  | В            | Bell                |  |
|--------------|-----------------------------|----|---------------------------|---------|--------|-------------|--|--------------|---------------------|--|
| HT           | Heat detector, fixed temp   | TS | $\mathbf{S}_{\mathbf{I}}$ | orinkle | er tan | nper switch |  | K            | Buzzer/suite buzzer |  |
| RHT          | Heat detector, rate of rise | LA | Lo                        | w air   | press  | ure switch  |  | C            | Chime               |  |
| $\mathbf{S}$ | Smoke detector              | PS | Al                        | arm p   | ressu  | re switch   |  | $\mathbf{V}$ | Visual alarm        |  |
| DS           | Duct smoke detector         | SA | Sı                        | noke a  | ılarm  |             |  | SP           | Loudspeaker         |  |
| K/V          | Horn/strobe                 | AD | A                         | ncillar | y dev  | ice         |  | ET           | Fire phone          |  |
| H            | Horn                        | EO | L E                       | nd of l | ine re | esistor     |  | GA           | General alarm       |  |



| Date: July 201        | 7  | ✓ Annual Inspection                                      |
|-----------------------|--|--|
| <b>Building Name:</b> | <b>Mission Minimum Institution – A5 – RES.</b> | Technicians: Matthew Kowalenko FP1093 / Allen Amy FP1093 |
| Address:              | 33737 Dewdney Trunk Road                       | City: Mission  |

| A. Correctly installed                            | D. Annunciator indication confirmed |
|---|-------------------------------------|
| B. Requires service, repairs, missing or cleaning | E. Zone circuit number or address   |
| C. Alarm operation confirmed                      | F. Smoke sensitivity testing        |

|                       | "✓" Yes – Acceptal |          | "X" | No -     | – Un     |          | e "] | NA" Not applicable |
|-----------------------|--------------------|----------|-----|----------|----------|----------|------|--------------------|
| Location              | Device             | A        | В   | C        | D        | E        | F    | Remarks            |
| DORM A5               |                    |          |     |          |          |          |      |                    |
| Main entrance         | M                  |          |     | <b>^</b> | 1        | 2        |      |                    |
| Room 28               | S                  |          |     | 1        | /        | 1        |      | 1400A              |
| Room 29               | S                  |          |     | <        | 1        | 1        |      | 1400A              |
| Room 30               | S                  |          |     | <b>\</b> | 1        | 1        |      | 1400A              |
| Hallway by 30         | S                  |          |     | <        | 1        | 1        |      | 1400A              |
|                       | В                  |          |     | 1        |          | A        |      |                    |
| Room 25               | S                  |          |     | 1        | >        | 1        |      | 1400A              |
| Room 26               | S                  |          |     | /        | >        | 1        |      | 1400A              |
| Room 27               | S                  |          |     | 1        | >        | 1        |      | 1400A              |
| Hall by 27            | S                  |          |     | 1        | 1        | 1        |      | 1400A              |
|                       | В                  |          |     | 1        |          | A        |      |                    |
|                       |                    |          |     |          |          |          |      |                    |
| Mechanical room       | TS                 |          |     |          | 1        | 4        |      |                    |
|                       | TS                 |          |     |          | <b>\</b> | 4        |      |                    |
|                       | TS                 |          |     |          | <b>\</b> | 4        |      |                    |
|                       | FS                 |          |     | 1        | 1        | 3        |      | 42 seconds         |
|                       |                    |          |     |          |          |          |      |                    |
| Fire panel            | AD                 |          |     | 1        |          |          |      |                    |
|                       |                    |          |     |          |          |          |      |                    |
|                       |                    |          |     |          |          |          |      |                    |
|                       |                    |          |     |          |          |          |      |                    |
|                       |                    |          |     |          |          |          |      |                    |
|                       |                    |          |     |          |          |          |      |                    |
|                       |                    |          |     |          |          |          |      |                    |
|                       |                    |          |     |          |          |          |      |                    |
|                       |                    |          |     |          |          |          |      |                    |
|                       |                    |          |     |          |          |          |      |                    |
|                       |                    |          |     |          |          |          |      |                    |
|                       |                    |          |     |          |          |          |      |                    |
|                       |                    |          |     |          |          |          |      |                    |
|                       |                    |          |     |          |          |          |      |                    |
|                       |                    |          |     |          |          |          |      |                    |
|                       |                    |          |     |          |          |          |      |                    |
|                       |                    |          |     |          |          |          |      |                    |
|                       |                    |          |     |          |          |          |      |                    |
| M Monuel pull station |                    | <u> </u> | L   |          |          | w switch |      | D. Poll            |

| M            | Manual pull station         | FS  | Sprinkler flow switch   | В            | Bell                |
|--------------|-----------------------------|-----|-------------------------|--------------|---------------------|
| HT           | Heat detector, fixed temp   | TS  | Sprinkler tamper switch | K            | Buzzer/suite buzzer |
| RHT          | Heat detector, rate of rise | LA  | Low air pressure switch | C            | Chime               |
| $\mathbf{S}$ | Smoke detector              | PS  | Alarm pressure switch   | $\mathbf{v}$ | Visual alarm        |
| DS           | Duct smoke detector         | SA  | Smoke alarm             | SP           | Loudspeaker         |
| K/V          | Horn/strobe                 | AD  | Ancillary device        | ET           | Fire phone          |
| H            | Horn                        | EOL | End of line resistor    | GA           | General alarm       |
|              |                             |     |                         |              |                     |



| Date: July 201        | 7  | ✓ Annual Inspection                                      |
|-----------------------|--|--|
| <b>Building Name:</b> | <b>Mission Minimum Institution – A6 – RES.</b> | Technicians: Matthew Kowalenko FP1093 / Allen Amy FP1093 |
| Address:              | 33737 Dewdney Trunk Road                       | City: Mission  |

| A. Correctly installed                            | D. Annunciator indication confirmed |
|---|-------------------------------------|
| B. Requires service, repairs, missing or cleaning | E. Zone circuit number or address   |
| C. Alarm operation confirmed                      | F. Smoke sensitivity testing        |

| Location        | Y" Yes – Acceptal<br>Device | A        | В        | C | D | E | F | Remarks                   |
|-----------------|-----------------------------|----------|----------|---|---|---|---|---------------------------|
| DORM A6         |                             |          |          |   |   |   |   |                           |
| Main entrance   | M                           |          |          | 1 | 1 | 2 |   |                           |
| Room 31         | S/Strobe                    |          |          | 1 | / | 1 |   |                           |
| Room 32         | S                           |          |          | 1 | 1 | 1 |   | 1400A                     |
| Room 33         | S                           |          |          | 1 | 1 | 1 |   | 1400A                     |
| Hall by 31      | S                           |          |          | 1 | 1 | 1 |   | 1400A                     |
|                 | В                           |          |          | 1 |   | A |   |                           |
| Room 34         | S                           |          |          | 1 | 1 | 1 |   | 1400A                     |
| Room 35         | S                           |          |          | 1 | 1 | 1 |   | 1400A                     |
| Room 36         | S                           |          |          | 1 | / | 1 |   | 1400A                     |
| Hall by 34      | S                           |          |          | 1 | 1 | 1 |   | 1400A                     |
|                 | В                           |          |          | 1 |   | A |   |                           |
| Exit by 35      | M                           |          |          | 1 | 1 | 2 |   |                           |
|                 |                             |          |          |   |   |   |   |                           |
| Mechanical room | TS                          |          |          |   | 1 | 4 |   |                           |
|                 | TS                          |          |          |   | 1 | 4 |   |                           |
|                 | TS                          |          |          |   | 1 | 4 |   |                           |
|                 | FS                          |          |          | 1 | 1 | 3 |   | 22 seconds                |
| Fire panel      | AD                          |          |          | 1 |   |   |   | Trouble and alarm to main |
| The panel       | 110                         |          |          | - |   |   |   | Trouble and alarm to main |
|                 |                             |          |          |   |   |   |   |                           |
|                 |                             |          |          |   |   |   |   |                           |
|                 |                             |          |          |   |   |   |   |                           |
|                 |                             | 1        |          |   |   |   |   |                           |
|                 |                             | 1        |          |   |   |   |   |                           |
|                 |                             | 1        |          |   |   |   |   |                           |
|                 |                             | 1        |          |   |   |   |   |                           |
|                 |                             | $\vdash$ |          |   |   |   |   |                           |
|                 |                             | 1        |          |   |   |   |   |                           |
|                 |                             | $\vdash$ |          |   |   |   |   |                           |
|                 |                             | 1        |          |   |   |   |   |                           |
|                 |                             | 1        |          |   |   |   |   |                           |
|                 |                             | 1        |          |   |   |   |   |                           |
|                 |                             | +        | <u> </u> |   |   | 1 | 1 |                           |

| M   | Manual pull station         | FS  | Sprink  | ler flo | w switch    | В            |   | Bell                |  |
|-----|-----------------------------|-----|---------|---------|-------------|--------------|---|---------------------|--|
| HT  | Heat detector, fixed temp   | TS  | Sprink  | ler tar | nper switch | K            |   | Buzzer/suite buzzer |  |
| RHT | Heat detector, rate of rise | LA  | Low air | r pres  | sure switch | C            |   | Chime               |  |
| S   | Smoke detector              | PS  | Alarm   | pressu  | ıre switch  | $\mathbf{v}$ |   | Visual alarm        |  |
| DS  | Duct smoke detector         | SA  | Smoke   | alarn   | 1           | SI           | • | Loudspeaker         |  |
| K/V | Horn/strobe                 | AD  | Ancilla | ry dev  | vice        | E            | Г | Fire phone          |  |
| H   | Horn                        | EOI | End of  | line r  | esistor     | G.           | A | General alarm       |  |



| Date: July 2017   | ✓ Annual Inspection                                      |
|---|--|
| <b>Building Name: Mission Minimum Institution – A7 – RES.</b> | Technicians: Matthew Kowalenko FP1093 / Allen Amy FP1093 |
| Address: 33737 Dewdney Trunk Road                             | City: Mission  |

| A. Correctly installed                            | D. Annunciator indication confirmed |
|---|-------------------------------------|
| B. Requires service, repairs, missing or cleaning | E. Zone circuit number or address   |
| C. Alarm operation confirmed                      | F. Smoke sensitivity testing        |

| Location        | Device | A | В | C |   | E | F | NA" Not applicable Remarks |
|-----------------|--------|---|---|---|---|---|---|----------------------------|
| DORM A7         |        |   |   |   |   |   |   | 2 2 2                      |
| Main entrance   | M      |   |   | 1 | 1 | 2 |   |                            |
| Room 40         | S      |   |   | 1 | 1 | 1 |   | 1400A                      |
| Room 41         | S      |   |   | 1 | 1 | 1 |   | 1400A                      |
| Room 42         | S      |   |   | 1 | 1 | 1 |   | 1400A                      |
| Hall by 42      | S      |   |   | 1 | 1 | 1 |   | 1400A                      |
|                 | В      |   |   | 1 |   | A |   |                            |
| Room 37         | S      |   |   | 1 | 1 | 1 |   | 1400A                      |
| Room 38         | S      |   |   | 1 | 1 | 1 |   | 1400A                      |
| Room 39         | S      |   |   | 1 | 1 | 1 |   | 1400A                      |
| Hall by 39      | S      |   |   | 1 | 1 | 1 |   | 1400A                      |
|                 | В      |   |   | 1 |   | A |   |                            |
|                 |        |   |   |   |   |   |   |                            |
| Mechanical room | TS     |   |   |   | 1 | 4 |   |                            |
|                 | TS     |   |   |   | 1 | 4 |   |                            |
|                 | TS     |   |   |   | 1 | 4 |   |                            |
|                 | FS     |   |   | 1 | 1 | 3 |   | 9 seconds                  |
|                 |        |   |   |   |   |   |   |                            |
| Fire panel      | AD     |   |   | 1 |   |   |   | Trouble and alarm to main  |
|                 |        |   |   |   |   |   |   |                            |
|                 |        |   |   |   |   |   |   |                            |
|                 |        |   |   |   |   |   |   |                            |
|                 |        |   |   |   |   |   |   |                            |
|                 |        |   |   |   |   |   |   |                            |
|                 |        |   |   |   |   |   |   |                            |
|                 |        |   |   |   |   |   |   |                            |
|                 |        |   |   |   |   |   |   |                            |
|                 |        |   |   |   |   |   |   |                            |
|                 |        |   |   |   |   |   |   |                            |
|                 |        |   |   |   |   |   |   |                            |
|                 |        |   |   |   |   |   |   |                            |
|                 |        |   |   |   |   |   |   |                            |
|                 |        |   |   |   |   |   |   |                            |
|                 |        |   |   |   |   |   |   |                            |
|                 |        |   |   |   |   |   |   |                            |
|                 |        |   |   |   |   |   |   |                            |

| M   | Manual pull station         | FS  | Sprinkler flow switch   | В            | Bell                |
|-----|-----------------------------|-----|-------------------------|--------------|---------------------|
| HT  | Heat detector, fixed temp   | TS  | Sprinkler tamper switch | K            | Buzzer/suite buzzer |
| RHT | Heat detector, rate of rise | LA  | Low air pressure switch | C            | Chime               |
| S   | Smoke detector              | PS  | Alarm pressure switch   | $\mathbf{V}$ | Visual alarm        |
| DS  | Duct smoke detector         | SA  | Smoke alarm             | SP           | Loudspeaker         |
| K/V | Horn/strobe                 | AD  | Ancillary device        | ET           | Fire phone          |
| H   | Horn                        | EOL | End of line resistor    | GA           | General alarm       |



| Date: July 2017   | ✓ Annual Inspection                                      |
|---|--|
| <b>Building Name: Mission Minimum Institution – A8-RES.</b> | Technicians: Matthew Kowalenko FP1093 / Allen Amy FP1093 |
| Address: 33737 Dewdney Trunk Road                           | City: Mission  |

| A. Correctly installed                            | D. Annunciator indication confirmed |
|---|-------------------------------------|
| B. Requires service, repairs, missing or cleaning | E. Zone circuit number or address   |
| C. Alarm operation confirmed                      | F. Smoke sensitivity testing        |

| Location              | Device | A  | В | C | D | E         | F | Remarks                   |
|-----------------------|--------|----|---|---|---|-----------|---|---------------------------|
| DORM A8               |        |    |   |   |   |           |   |                           |
| Main entrance         | M      |    |   | 1 | 1 | 2         |   |                           |
| Room 46               | S      |    |   | 1 | 1 | 1         |   | 1400A                     |
| Room 47               | S      |    |   | 1 | 1 | 1         |   | 1400A                     |
| Room 48               | S      |    |   | 1 | 1 | 1         |   | 1400A                     |
| Hall by 46            | S      |    |   | 1 | 1 | 1         |   | 1400A                     |
|                       | В      |    |   | 1 |   | A         |   |                           |
| Room 43               | S      |    |   | 1 | / | 1         |   | 1400A                     |
| Room 44               | S      |    |   | 1 | / | 1         |   | 1400A                     |
| Room 45               | S      |    |   | 1 | 1 | 1         |   | 1400A                     |
| Hall by 43            | S      |    |   | 1 | 1 | 1         |   | 1400A                     |
|                       | В      |    |   | 1 |   | A         |   |                           |
|                       |        |    |   |   |   |           |   |                           |
| Mechanical room       | FS     |    |   | 1 | 1 | 3         |   | 26 seconds                |
|                       | TS     |    |   |   | 1 | 4         |   |                           |
|                       | TS     |    |   |   | 1 | 4         |   |                           |
|                       | TS     |    |   |   | 1 | 4         |   |                           |
|                       |        |    |   |   |   |           |   |                           |
| Fire panel            | AD     |    |   | 1 |   |           |   | Trouble and alarm to main |
|                       |        |    |   |   |   |           |   |                           |
|                       |        |    |   |   |   |           |   |                           |
|                       |        |    |   |   |   |           |   |                           |
|                       |        |    |   |   |   |           |   |                           |
| _                     |        |    |   |   |   |           |   |                           |
| _                     |        |    |   |   |   |           |   |                           |
| _                     |        |    |   |   |   |           |   |                           |
|                       |        |    |   |   |   |           |   |                           |
|                       |        | -  |   |   |   |           |   |                           |
|                       |        |    |   |   |   |           | 1 |                           |
|                       |        |    |   |   |   |           |   |                           |
|                       |        | +  |   |   |   |           |   |                           |
|                       |        | +  |   |   |   |           |   |                           |
|                       |        | +  |   |   |   |           |   |                           |
|                       |        | +  |   |   |   |           |   |                           |
|                       |        |    |   |   |   |           |   |                           |
| M Manual pull station |        | FS |   |   |   | ow switch |   |                           |

| M   | Manual pull station         | FS  | Sprinkler flow switch   | В  | Bell                |
|-----|-----------------------------|-----|-------------------------|----|---------------------|
| HT  | Heat detector, fixed temp   | TS  | Sprinkler tamper switch | K  | Buzzer/suite buzzer |
| RHT | Heat detector, rate of rise | LA  | Low air pressure switch | C  | Chime               |
| S   | Smoke detector              | PS  | Alarm pressure switch   | V  | Visual alarm        |
| DS  | Duct smoke detector         | SA  | Smoke alarm             | SP | Loudspeaker         |
| K/V | Horn/strobe                 | AD  | Ancillary device        | ET | Fire phone          |
| H   | Horn                        | EOL | End of line resistor    | GA | General alarm       |



| Date: July 201        | 17                                    | ✓ Annual Inspection                                      |
|-----------------------|---------------------------------------|--|
| <b>Building Name:</b> | Mission Minimum Institution – A9-RES. | Technicians: Matthew Kowalenko FP1093 / Allen Amy FP1093 |
| Address:              | 33737 Dewdney Trunk Road              | City: Mission  |

| A. Correctly installed                            | D. Annunciator indication confirmed |
|---|-------------------------------------|
| B. Requires service, repairs, missing or cleaning | E. Zone circuit number or address   |
| C. Alarm operation confirmed                      | F. Smoke sensitivity testing        |

| Location              | Device | A  | В | C | D | E        | F | Remarks                   |
|-----------------------|--------|----|---|---|---|----------|---|---------------------------|
| DORM A9               |        |    |   |   |   |          |   |                           |
| Mechanical/electrical | S      |    |   | 1 | 1 | 3        |   | 1400A                     |
| Mechanical room       | FS     |    |   | 1 | 1 | 4        |   | 25 seconds                |
|                       | TS     |    |   |   | 1 | 6        |   |                           |
|                       | TS     |    |   |   | 1 | 6        |   |                           |
|                       | TS     |    |   |   | 1 | 6        |   |                           |
| Main entrance         | M      |    |   | 1 | 1 | 2        |   |                           |
| Room 52               | S      |    |   | 1 | 1 | 1        |   | 1400A                     |
| Room 53               | S      |    |   | 1 | 1 | 1        |   | 1400A                     |
| Room 54               | S      |    |   | 1 | 1 | 1        |   | 1400A                     |
| Hall by 54            | S      |    |   | 1 | 1 | 1        |   | 1400A                     |
|                       | В      |    |   | 1 |   | A        |   |                           |
| Room 49               | S      |    |   | 1 | 1 | 1        |   | 1400A                     |
| Room 50               | S      |    |   | 1 | 1 | 1        |   | 1400A                     |
| Room 51               | S      |    |   | 1 | 1 | 1        |   | 1400A                     |
| Hall by 51            | S      |    |   | 1 | 1 | 1        |   | 1400A                     |
|                       | В      |    |   | 1 |   | A        |   |                           |
| Fire panel            | AD     |    |   | 1 |   |          |   | Trouble and alarm to main |
|                       |        |    |   |   |   |          |   |                           |
|                       |        |    |   |   |   |          |   |                           |
|                       |        |    |   |   |   |          |   |                           |
|                       |        |    |   |   |   |          |   |                           |
|                       |        |    |   |   |   |          |   |                           |
|                       |        |    |   |   |   |          |   |                           |
|                       |        |    |   |   |   |          |   |                           |
|                       |        |    |   |   |   |          |   |                           |
|                       |        |    |   |   |   |          |   |                           |
|                       |        |    |   |   |   |          |   |                           |
| M Manual pull station |        | FS |   |   |   | w switch |   | B Bell                    |

| M   | Manual pull station         | FS  | Sprinkler flow switch   | В            | Bell                |
|-----|-----------------------------|-----|-------------------------|--------------|---------------------|
| HT  | Heat detector, fixed temp   | TS  | Sprinkler tamper switch | K            | Buzzer/suite buzzer |
| RHT | Heat detector, rate of rise | LA  | Low air pressure switch | C            | Chime               |
| S   | Smoke detector              | PS  | Alarm pressure switch   | $\mathbf{V}$ | Visual alarm        |
| DS  | Duct smoke detector         | SA  | Smoke alarm             | SP           | Loudspeaker         |
| K/V | Horn/strobe                 | AD  | Ancillary device        | ET           | Fire phone          |
| H   | Horn                        | EOL | End of line resistor    | GA           | General alarm       |



| Date: July 2017  | ✓ Annual Inspection                                      |
|--|--|
| <b>Building Name: Mission Minimum Institution – A10-RES.</b> | Technicians: Matthew Kowalenko FP1093 / Allen Amy FP1093 |
| Address: 33737 Dewdney Trunk Road                            | City: Mission  |

| A. Correctly installed                            | D. Annunciator indication confirmed |
|---|-------------------------------------|
| B. Requires service, repairs, missing or cleaning | E. Zone circuit number or address   |
| C. Alarm operation confirmed                      | F. Smoke sensitivity testing        |

| <br>"✓" Yes – Acceptable "X" No – Unacceptable "NA" Not applicable |        |    |   |             |   |            |   |                 |  |  |  |
|--|--------|----|---|-------------|---|------------|---|-----------------|--|--|--|
| Location   | Device | A  | В | C           | D | E          | F | Remarks         |  |  |  |
| DORM – A10   |        |    |   |             |   |            |   |                 |  |  |  |
| A10 mechanical room  | TS     |    |   |             | 1 |            |   | Reports to main |  |  |  |
|  | TS     |    |   |             | 1 |            |   | Reports to main |  |  |  |
|  | TS     |    |   |             | 1 |            |   | Reports to main |  |  |  |
|  | FS     |    |   | 1           | 1 | 1          |   | 21 seconds      |  |  |  |
|  |        |    |   |             |   |            |   |                 |  |  |  |
| Main area  | В      |    |   | 1           |   | A          |   |                 |  |  |  |
| A10 room 111   | SA     |    |   | 1           |   |            |   | Reports to main |  |  |  |
| A10 room 112   | SA     |    |   | 1           |   |            |   | Reports to main |  |  |  |
| A10 room 113   | SA     |    |   | 1           |   |            |   | Reports to main |  |  |  |
| A10 room 114   | SA     |    |   | 1           |   |            |   | Reports to main |  |  |  |
| A10 room 107   | SA     |    |   | 1           |   |            |   | Reports to main |  |  |  |
| A10 room 108   | SA     |    |   | 1           |   |            |   | Reports to main |  |  |  |
| A10 room 109   | SA     |    |   | 1           |   |            |   | Reports to main |  |  |  |
| A10 room 110   | SA     |    |   | 1           |   |            |   | Reports to main |  |  |  |
|  |        |    |   |             |   |            |   |                 |  |  |  |
| FA panel   | AD     |    |   | 1           |   |            |   | Trouble to main |  |  |  |
|  | AD     |    |   | 1           |   |            |   | Alarm to main   |  |  |  |
|  |        |    |   |             |   |            |   |                 |  |  |  |
|  |        |    |   |             |   |            |   |                 |  |  |  |
|  |        |    |   |             |   |            |   |                 |  |  |  |
|  |        |    |   |             |   |            |   |                 |  |  |  |
|  |        |    |   |             |   |            |   |                 |  |  |  |
|  |        |    |   |             |   |            |   |                 |  |  |  |
|  |        |    |   |             |   |            |   |                 |  |  |  |
|  |        |    |   |             |   |            |   |                 |  |  |  |
|  |        |    |   |             |   |            |   |                 |  |  |  |
|  |        |    |   |             |   |            |   |                 |  |  |  |
|  |        |    |   |             |   |            |   |                 |  |  |  |
|  |        |    |   |             |   |            |   |                 |  |  |  |
|  |        |    |   |             |   |            |   |                 |  |  |  |
|  |        |    |   |             |   |            |   |                 |  |  |  |
|  |        |    |   |             |   |            |   |                 |  |  |  |
|  |        |    |   |             |   |            |   |                 |  |  |  |
|  |        |    |   |             |   |            |   |                 |  |  |  |
|  |        |    |   |             |   |            | 1 |                 |  |  |  |
| <br>Manual null station  |        | EC |   | <del></del> |   | vy gyvitah | 1 | D Dell          |  |  |  |

| M            | Manual pull station         | FS  | Sprinkler flow switch   | В            | Bell                |
|--------------|-----------------------------|-----|-------------------------|--------------|---------------------|
| HT           | Heat detector, fixed temp   | TS  | Sprinkler tamper switch | K            | Buzzer/suite buzzer |
| RHT          | Heat detector, rate of rise | LA  | Low air pressure switch | C            | Chime               |
| $\mathbf{S}$ | Smoke detector              | PS  | Alarm pressure switch   | $\mathbf{v}$ | Visual alarm        |
| DS           | Duct smoke detector         | SA  | Smoke alarm             | SP           | Loudspeaker         |
| K/V          | Horn/strobe                 | AD  | Ancillary device        | ET           | Fire phone          |
| H            | Horn                        | EOL | End of line resistor    | GA           | General alarm       |
|              |                             |     |                         |              |                     |



| Date: July 2017  | ✓ Annual Inspection                                      |
|--|--|
| <b>Building Name: Mission Minimum Institution – A11-RES.</b> | Technicians: Matthew Kowalenko FP1093 / Allen Amy FP1093 |
| Address: 33737 Dewdney Trunk Road                            | City: Mission  |

| A. Correctly installed                            | D. Annunciator indication confirmed |
|---|-------------------------------------|
| B. Requires service, repairs, missing or cleaning | E. Zone circuit number or address   |
| C. Alarm operation confirmed                      | F. Smoke sensitivity testing        |

|                       | "✓" Yes – Acceptal |    |    |       |        |          |   |                 |
|-----------------------|--------------------|----|----|-------|--------|----------|---|-----------------|
| Location              | Device             | A  | В  | C     | D      | E        | F | Remarks         |
| DORM – A11            |                    |    |    |       |        |          |   |                 |
| A11 mechanical room   | m TS               |    |    |       | /      |          |   | Reports to main |
|                       | TS                 |    |    |       | >      |          |   | Reports to main |
|                       | TS                 |    |    |       | 1      |          |   | Reports to main |
|                       | FS                 |    |    | <     | 1      | 1        |   | 23 seconds      |
|                       |                    |    |    |       |        |          |   |                 |
| A11 room 115          | SA                 |    |    | 1     |        |          |   | Reports to main |
| A11 room 116          | SA                 |    |    | 1     |        |          |   | Reports to main |
| A11 room 117          | SA                 |    |    | 1     |        |          |   | Reports to main |
| A11 room 118          | SA                 |    |    | /     |        |          |   | Reports to main |
| A11 room 119          | SA                 |    |    | 1     |        |          |   | Reports to main |
| A11 room 120          | SA                 |    |    | 1     |        |          |   | Reports to main |
| A11 room 121          | SA                 |    |    | 1     |        |          |   | Reports to main |
| A11 room 122          | SA                 |    |    | 1     |        |          |   | Reports to main |
| Main area             | В                  |    |    | /     |        |          |   | _               |
|                       |                    |    |    |       |        |          |   |                 |
| FA panel              | AD                 |    |    | /     |        |          |   | Trouble to main |
|                       | AD                 |    |    | /     |        |          |   | Alarm to main   |
|                       |                    |    |    |       |        |          |   |                 |
|                       |                    |    |    |       |        |          |   |                 |
|                       |                    |    |    |       |        |          |   |                 |
|                       |                    |    |    |       |        |          |   |                 |
|                       |                    |    |    |       |        |          |   |                 |
|                       |                    |    |    |       |        |          |   |                 |
|                       |                    |    |    |       |        |          |   |                 |
|                       |                    |    |    |       |        |          |   |                 |
|                       |                    |    |    |       |        |          |   |                 |
|                       |                    |    |    |       |        |          |   |                 |
|                       |                    |    |    |       |        |          |   |                 |
|                       |                    |    |    |       |        |          |   |                 |
|                       |                    |    |    |       |        |          |   |                 |
|                       |                    |    |    |       |        |          |   |                 |
|                       |                    |    |    |       |        |          |   |                 |
|                       |                    |    |    |       |        |          |   |                 |
|                       |                    |    |    |       |        |          |   |                 |
|                       |                    |    |    |       |        |          |   |                 |
| M Manual pull station | I                  | FS | Sı | rinkl | er flo | w switch | 1 | B Bell          |

| M   | Manual pull station         | FS  | Sprinkler flow switch   | В            | Bell                |
|-----|-----------------------------|-----|-------------------------|--------------|---------------------|
| HT  | Heat detector, fixed temp   | TS  | Sprinkler tamper switch | K            | Buzzer/suite buzzer |
| RHT | Heat detector, rate of rise | LA  | Low air pressure switch | $\mathbf{C}$ | Chime               |
| S   | Smoke detector              | PS  | Alarm pressure switch   | $\mathbf{V}$ | Visual alarm        |
| DS  | Duct smoke detector         | SA  | Smoke alarm             | SP           | Loudspeaker         |
| K/V | Horn/strobe                 | AD  | Ancillary device        | ET           | Fire phone          |
| H   | Horn                        | EOL | End of line resistor    | GA           | General alarm       |



| Date: July 2017  | ✓ Annual Inspection                                      |
|--|--|
| <b>Building Name: Mission Minimum Institution – A12-RES.</b> | Technicians: Matthew Kowalenko FP1093 / Allen Amy FP1093 |
| Address: 33737 Dewdney Trunk Road                            | City: Mission  |

| A. Correctly installed                            | D. Annunciator indication confirmed |
|---|-------------------------------------|
| B. Requires service, repairs, missing or cleaning | E. Zone circuit number or address   |
| C. Alarm operation confirmed                      | F. Smoke sensitivity testing        |

| Location            | Device | A | В | C | D | E | F | Remarks         |
|---------------------|--------|---|---|---|---|---|---|-----------------|
| DORM – A12          |        |   |   |   |   |   |   |                 |
| A12 mechanical room | TS     |   |   |   | 1 |   |   | Reports to main |
|                     | TS     |   |   |   | 1 |   |   |                 |
|                     | TS     |   |   |   | 1 |   |   |                 |
|                     | FS     |   |   | 1 | 1 | 1 |   | 12 seconds      |
| Main area           | В      |   |   | 1 |   | A |   |                 |
| A12 room 55         | SA     |   |   | 1 |   |   |   | Reports to main |
| A12 room 56         | SA     |   |   | 1 |   |   |   | Reports to main |
| A12 room 57         | SA     |   |   | 1 |   |   |   | Reports to main |
| A12 room 58         | SA     |   |   | 1 |   |   |   | Reports to main |
| Hall by 56          | SA     |   |   | 1 |   |   |   | Reports to main |
| Hall by 57          | SA     |   |   | 1 |   |   |   | Reports to main |
| FA panel            | AD     |   |   | 1 |   |   |   | Trouble to main |
| 111 punci           | AD     |   |   | 1 |   |   |   | Alarm to main   |
|                     |        |   |   |   |   |   |   |                 |
|                     |        |   |   |   |   |   |   |                 |
|                     |        |   |   |   |   |   |   |                 |
|                     |        |   |   |   |   |   |   |                 |
|                     |        |   |   |   |   |   |   |                 |
|                     |        |   |   |   |   |   |   |                 |
|                     |        |   |   |   |   |   |   |                 |
|                     |        |   |   |   |   |   |   |                 |
|                     |        |   |   |   |   |   |   |                 |
|                     |        |   |   |   |   |   |   |                 |
|                     |        |   |   |   |   |   |   |                 |
|                     |        |   |   |   |   |   |   |                 |
|                     |        |   |   |   |   |   |   |                 |
|                     |        |   |   |   |   |   |   |                 |
|                     |        |   |   |   |   |   |   |                 |

| M            | Manual pull station         | FS  | Sprinkler flow switch   | В  | Bell                |
|--------------|-----------------------------|-----|-------------------------|----|---------------------|
| HT           | Heat detector, fixed temp   | TS  | Sprinkler tamper switch | K  | Buzzer/suite buzzer |
| RHT          | Heat detector, rate of rise | LA  | Low air pressure switch | C  | Chime               |
| $\mathbf{S}$ | Smoke detector              | PS  | Alarm pressure switch   | V  | Visual alarm        |
| DS           | Duct smoke detector         | SA  | Smoke alarm             | SP | Loudspeaker         |
| K/V          | Horn/strobe                 | AD  | Ancillary device        | ET | Fire phone          |
| H            | Horn                        | EOI | End of line resistor    | GA | General alarm       |



| Date: July 201        | 17  | ✓ Annual Inspection                                      |
|-----------------------|---|--|
| <b>Building Name:</b> | <b>Mission Minimum Institution – A13-RES.</b> | Technicians: Matthew Kowalenko FP1093 / Allen Amy FP1093 |
| Address:              | 33737 Dewdney Trunk Road                      | City: Mission  |

| A. Correctly installed                            | D. Annunciator indication confirmed |
|---|-------------------------------------|
| B. Requires service, repairs, missing or cleaning | E. Zone circuit number or address   |
| C. Alarm operation confirmed                      | F. Smoke sensitivity testing        |

| Location DORM - A13   | Device<br>TS | A  | В | C | D | ${f E}$  | F | Remarks         |
|-----------------------|--------------|----|---|---|---|----------|---|-----------------|
|                       |              |    |   |   |   |          | _ |                 |
| 110 1 1               |              |    |   |   |   |          |   |                 |
| A13 mechanical room   |              |    |   |   | 1 |          |   | Reports to main |
|                       | TS           |    |   |   | 1 |          |   |                 |
|                       | TS           |    |   |   | 1 |          |   |                 |
|                       | FS           |    |   | 1 | 1 | 1        |   | 23 seconds      |
|                       |              |    |   |   |   |          |   |                 |
| Main area             | В            |    |   | 1 |   | A        |   |                 |
| A13 room 67           | SA           |    |   | 1 |   |          |   | Reports to main |
| A13 room 68           | SA           |    |   | 1 |   |          |   | Reports to main |
| A13 room 69           | SA           |    |   | 1 |   |          |   | Reports to main |
| A13 room 70           | SA           |    |   | 1 |   |          |   | Reports to main |
| Hall by 68            | SA           |    |   | 1 |   |          |   | Reports to main |
| Hall by 69            | SA           |    |   | 1 |   |          |   | Reports to main |
|                       |              |    |   |   |   |          |   |                 |
| FA panel              | AD           |    |   | 1 |   |          |   | Trouble to main |
| _                     | AD           |    |   | 1 |   |          |   | Alarm to main   |
|                       |              |    |   |   |   |          |   |                 |
|                       |              |    |   |   |   |          |   |                 |
| A11 mechanical room   | TS           |    |   |   | 1 |          |   | Reports to main |
|                       | TS           |    |   |   | 1 |          |   | Reports to main |
|                       | TS           |    |   |   | 1 |          |   | Reports to main |
|                       | FS           |    |   | 1 | 1 | 1        |   | 23 seconds      |
|                       |              |    |   |   |   |          |   |                 |
|                       |              |    |   |   |   |          |   |                 |
|                       |              |    |   |   |   |          |   |                 |
|                       |              |    |   |   |   |          |   |                 |
|                       |              |    |   |   |   |          |   |                 |
|                       |              |    |   |   |   |          |   |                 |
|                       |              |    |   |   |   |          |   |                 |
|                       |              |    |   |   |   |          |   |                 |
|                       |              |    |   |   |   |          |   |                 |
|                       |              |    |   |   |   |          |   |                 |
|                       |              |    |   |   |   |          |   |                 |
|                       |              |    |   |   |   |          |   |                 |
|                       |              |    |   |   |   |          |   |                 |
| M Manual pull station |              | EC |   |   |   | w awitah |   |                 |

| M   | Manual pull station         | FS  | Sprinkler flow switch   | В            | Bell                |
|-----|-----------------------------|-----|-------------------------|--------------|---------------------|
| HT  | Heat detector, fixed temp   | TS  | Sprinkler tamper switch | K            | Buzzer/suite buzzer |
| RHT | Heat detector, rate of rise | LA  | Low air pressure switch | C            | Chime               |
| S   | Smoke detector              | PS  | Alarm pressure switch   | $\mathbf{V}$ | Visual alarm        |
| DS  | Duct smoke detector         | SA  | Smoke alarm             | SP           | Loudspeaker         |
| K/V | Horn/strobe                 | AD  | Ancillary device        | ET           | Fire phone          |
| H   | Horn                        | EOL | End of line resistor    | GA           | General alarm       |



# FIRE ALARM SYSTEM REPORT

| Date: July 2017  | ✓ Annual Inspection                                      |
|--|--|
| <b>Building Name: Mission Minimum Institution – A14-RES.</b> | Technicians: Matthew Kowalenko FP1093 / Allen Amy FP1093 |
| Address: 33737 Dewdney Trunk Road                            | City: Mission  |

| A. Correctly installed                            | D. Annunciator indication confirmed |
|---|-------------------------------------|
| B. Requires service, repairs, missing or cleaning | E. Zone circuit number or address   |
| C. Alarm operation confirmed                      | F. Smoke sensitivity testing        |

|  |        |          |   |   |   |                         |   | NA" Not applicable              |
|--|--------|----------|---|---|---|-------------------------|---|---------------------------------|
| Location   | Device | A        | В | C | D | E                       | F | Remarks                         |
| DORMS – A14  |        |          |   |   |   |                         | - |                                 |
| A14 mechanical room                                | TS     |          |   |   | 1 | 1                       |   | Reports to main                 |
|  | TS     |          |   |   | 1 | 1                       |   |                                 |
|  | TS     |          |   |   | 1 | 1                       |   |                                 |
|  | FS     |          |   | 1 | 1 | A                       |   | 15 seconds                      |
|  |        |          |   |   |   |                         |   |                                 |
| Main area  | В      |          |   | 1 |   |                         |   |                                 |
| A14 room 59  | SA     |          |   | 1 |   |                         |   | Reports to main                 |
| A14 room 60  | SA     |          |   | 1 |   |                         |   | Reports to main                 |
| Hall by 60   | SA     |          |   | 1 |   |                         |   | Reports to main                 |
| A14 room 61  | SA     |          |   | 1 |   |                         |   | Reports to main                 |
| A14 room 62  | SA     |          |   | 1 |   |                         |   | Reports to main                 |
| Hall by 61   | SA     |          |   | 1 |   |                         |   | Reports to main                 |
|  |        |          |   |   |   |                         |   |                                 |
| FA panel   | AD     |          |   | 1 |   |                         |   | Trouble to main                 |
| •  | AD     |          |   | 1 |   |                         |   | Alarm to main                   |
|  |        |          |   |   |   |                         |   |                                 |
|  |        |          |   |   |   |                         |   |                                 |
|  |        |          |   |   |   |                         |   |                                 |
|  |        |          |   |   |   |                         |   |                                 |
|  |        |          |   |   |   |                         |   |                                 |
|  |        |          |   |   |   |                         |   |                                 |
|  |        |          |   |   |   |                         |   |                                 |
|  |        |          |   |   |   |                         |   |                                 |
|  |        |          |   |   |   |                         |   |                                 |
|  |        |          |   |   |   |                         |   |                                 |
|  |        |          |   |   |   |                         |   |                                 |
|  |        | +        |   |   |   |                         |   |                                 |
|  |        | +        |   |   |   |                         | 1 |                                 |
|  |        | +        |   |   |   |                         | 1 |                                 |
|  |        | +        |   |   |   |                         | 1 |                                 |
|  |        | +        |   |   |   |                         | - |                                 |
|  |        | +        |   |   |   |                         | 1 |                                 |
|  |        | +        |   |   | - |                         | 1 |                                 |
|  |        | +        |   |   | - |                         | 1 |                                 |
|  |        | +        |   |   | ļ |                         | - |                                 |
|  |        | -        |   |   | ļ |                         | 1 |                                 |
| No. March P. 4.2                                   |        | FC       |   |   |   |                         |   | D. D. II                        |
| M Manual pull station HT Heat detector, fixed temp |        | FS<br>TS |   |   |   | w switch<br>mper switch |   | B Bell<br>K Buzzer/suite buzzer |

PS Alarm pressure switch

SA Smoke alarm

AD Ancillary device

**EOL** End of line resistor

V Visual alarm

SP Loudspeaker

GA General alarm

ET Fire phone

H

Smoke detector

DS Duct smoke detector

K/V Horn/strobe

Horn



### FIRE ALARM SYSTEM REPORT

| Date: July 201        | 7   | ✓ Annual Inspection                                      |
|-----------------------|---|--|
| <b>Building Name:</b> | <b>Mission Minimum Institution – A15-RES.</b> | Technicians: Matthew Kowalenko FP1093 / Allen Amy FP1093 |
| Address:              | 33737 Dewdney Trunk Road                      | City: Mission  |

| A. Correctly installed                            | D. Annunciator indication confirmed |
|---|-------------------------------------|
| B. Requires service, repairs, missing or cleaning | E. Zone circuit number or address   |
| C. Alarm operation confirmed                      | F. Smoke sensitivity testing        |

|  |        |          |    | No-              | – Un  | acceptabl                 | e " | NA" Not applicable                      |
|--|--------|----------|----|------------------|-------|---------------------------|-----|---|
| Location   | Device | A        | В  | C                | D     | E                         | F   | Remarks                                 |
| DORMS – A15                                      |        |          |    |                  |       |                           |     |   |
| A15 mechanical room                              | TS     |          |    |                  | 1     |                           |     | Reports to main                         |
|  | TS     |          |    |                  | 1     |                           |     |   |
|  | TS     |          |    |                  | 1     |                           |     |   |
|  | FS     |          |    | 1                | >     | 1                         |     | 18 seconds                              |
|  |        |          |    |                  |       |                           |     |   |
| Main area  | В      |          |    | 1                |       | A                         |     |   |
| A15 room 71                                      | SA     |          |    | 1                |       |                           |     | Reports to main                         |
| A15 room 72                                      | SA     |          |    | 1                |       |                           |     | Reports to main                         |
| A15 room 73                                      | SA     |          |    | 1                |       |                           |     | Reports to main                         |
| A15 room 74                                      | SA     |          |    | 1                |       |                           |     | Reports to main                         |
| Hall by 72                                       | SA     |          |    | 1                |       |                           |     | Reports to main                         |
| Hall by 74                                       | SA     |          |    | 1                |       |                           |     | Reports to main                         |
|  | 512    |          |    |                  |       |                           |     | 110000000000000000000000000000000000000 |
| FA panel   | AD     |          |    | 1                |       |                           |     | Trouble to main                         |
| 111 punci  | AD     |          |    | 1                |       |                           |     | Alarm to main                           |
|  | 1110   |          |    |                  |       |                           |     |   |
|  |        |          |    |                  |       |                           |     |   |
|  |        | +        |    |                  |       |                           |     |   |
|  |        |          |    |                  |       |                           |     |   |
|  |        |          |    |                  |       |                           |     |   |
|  |        |          |    |                  |       |                           |     |   |
|  |        |          |    |                  |       |                           |     |   |
|  |        |          |    |                  |       |                           |     |   |
|  |        |          |    |                  |       |                           |     |   |
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|  |        |          |    |                  |       |                           |     |   |
|  |        |          |    |                  |       |                           |     |   |
|  |        |          |    |                  |       |                           |     |   |
|  |        |          |    |                  |       |                           |     |   |
|  |        |          |    |                  |       |                           |     |   |
|  |        |          |    |                  |       |                           |     |   |
|  |        |          |    |                  |       |                           |     |   |
|  |        |          |    |                  |       |                           |     |   |
|  |        |          |    |                  |       |                           | Ì   |   |
| M Manual pull station                            | 1      | FS       |    |                  |       | w switch                  |     | B Bell                                  |
| HT Heat detector, fixed temp                     |        | TS       | Sı | orinkl<br>•      | er ta | mper switch               |     | K Buzzer/suite buzzer                   |
| RHT Heat detector, rate of rise S Smoke detector |        | LA<br>PS |    |                  |       | sure switch<br>ure switch |     | C Chime<br>V Visual alarm               |
| DS Duct smoke detector                           |        | SA       |    | nariii j<br>moke |       |                           |     | SP Loudspeaker                          |

**EOL** End of line resistor

AD Ancillary device

GA General alarm

ET Fire phone

H

K/V Horn/strobe

Horn



| Date: July 2017  | ✓ Annual Inspection                                      |
|--|--|
| <b>Building Name: Mission Minimum Institution – A16-RES.</b> | Technicians: Matthew Kowalenko FP1093 / Allen Amy FP1093 |
| Address: 33737 Dewdney Trunk Road                            | City: Mission  |

| A. Correctly installed                            | D. Annunciator indication confirmed |
|---|-------------------------------------|
| B. Requires service, repairs, missing or cleaning | E. Zone circuit number or address   |
| C. Alarm operation confirmed                      | F. Smoke sensitivity testing        |

|                       |        | le |    |       |        |          |   | NA" Not applicable |
|-----------------------|--------|----|----|-------|--------|----------|---|--------------------|
| Location              | Device | A  | В  | C     | D      | E        | F | Remarks            |
| DORMS – A16           |        |    |    |       |        |          |   |                    |
| A16 room 128          | SA     |    |    | 1     |        |          |   | Reports to main    |
| A16 room 127          | SA     |    |    | 1     |        |          |   | Reports to main    |
| A16 room 129          | SA     |    |    | 1     |        |          |   | Reports to main    |
| A16 room 130          | SA     |    |    | 1     |        |          |   | Reports to main    |
| A16 room 123          | SA     |    |    | 1     |        |          |   | Reports to main    |
| A16 room 124          | SA     |    |    | 1     |        |          |   | Reports to main    |
| A16 room 125          | SA     |    |    | 1     |        |          |   | Reports to main    |
| A16 room 126          | SA     |    |    | 1     |        |          |   | Reports to main    |
| Main area             | В      |    |    | 1     |        | A        |   | _                  |
|                       |        |    |    |       |        |          |   |                    |
| A16 mechanical room   | TS     |    |    |       | 1      |          |   | Reports to main    |
|                       | TS     |    |    |       | 1      |          |   | Reports to main    |
|                       | TS     |    |    |       | 1      |          |   | Reports to main    |
|                       | FS     |    |    | /     | 1      |          |   | 24 seconds         |
|                       |        |    |    |       |        |          |   |                    |
| FA panel              | AD     |    |    | 1     |        |          |   | Trouble to main    |
| 1                     | AD     |    |    | 1     |        |          |   | Alarm to main      |
|                       |        |    |    |       |        |          |   |                    |
|                       |        |    |    |       |        |          |   |                    |
|                       |        |    |    |       |        |          |   |                    |
|                       |        |    |    |       |        |          |   |                    |
|                       |        |    |    |       |        |          |   |                    |
|                       |        |    |    |       |        |          |   |                    |
|                       |        |    |    |       |        |          |   |                    |
|                       |        |    |    |       |        |          |   |                    |
|                       |        |    |    |       |        |          |   |                    |
|                       |        |    |    |       |        |          |   |                    |
|                       |        |    |    |       |        |          |   |                    |
|                       |        |    |    |       |        |          |   |                    |
|                       |        |    |    |       |        |          |   |                    |
|                       |        |    |    |       |        |          |   |                    |
|                       |        |    |    |       |        |          |   |                    |
|                       |        |    |    |       |        |          |   |                    |
|                       |        |    |    |       |        |          |   |                    |
|                       |        |    |    |       |        |          |   |                    |
|                       |        |    |    |       |        |          |   |                    |
| M Manual pull station | l      | FS | Sı | rinkl | er flo | w switch | 1 | B Bell             |

| M            | Manual pull station         | FS  | Sprinkler flow switch   | В            | Bell                |
|--------------|-----------------------------|-----|-------------------------|--------------|---------------------|
| HT           | Heat detector, fixed temp   | TS  | Sprinkler tamper switch | K            | Buzzer/suite buzzer |
| RHT          | Heat detector, rate of rise | LA  | Low air pressure switch | C            | Chime               |
| $\mathbf{S}$ | Smoke detector              | PS  | Alarm pressure switch   | $\mathbf{V}$ | Visual alarm        |
| DS           | Duct smoke detector         | SA  | Smoke alarm             | SP           | Loudspeaker         |
| K/V          | Horn/strobe                 | AD  | Ancillary device        | ET           | Fire phone          |
| H            | Horn                        | EOL | End of line resistor    | GA           | General alarm       |
|              |                             |     |                         |              |                     |



#### FIRE ALARM SYSTEM REPORT

| Date: July 201        | 7   | ✓ Annual Inspection                                      |
|-----------------------|---|--|
| <b>Building Name:</b> | <b>Mission Minimum Institution – A17-RES.</b> | Technicians: Matthew Kowalenko FP1093 / Allen Amy FP1093 |
| Address:              | 33737 Dewdney Trunk Road                      | City: Mission  |

| A. Correctly installed                            | D. Annunciator indication confirmed |
|---|-------------------------------------|
| B. Requires service, repairs, missing or cleaning | E. Zone circuit number or address   |
| C. Alarm operation confirmed                      | F. Smoke sensitivity testing        |

"✓" Yes – Acceptable "X" No – Unacceptable "NA" Not applicable Location Device В  $\mathbf{C} \mid \mathbf{D}$ Remarks  $\mathbf{E}$ DORMS – A17 1 A17 mechanical room TS Reports to main / TS Reports to main TS 1 Reports to main FS / 1 22 seconds Main area В  $\mathbf{A}$ A17 room 75 SA 1 Reports to main A17 room 76 SA 1 Reports to main A17 room 77 1 SA Reports to main 1 A17 room 78 SA Reports to main Hall by 75/76 1 Reports to main SA Hall by 77/78 SA 1 Reports to main FA panel AD Trouble to main 1 AD Alarm to main

| Τ | M             | Manual pull station         | FS  | Sprinkler flow switch   | В       | Bell                |
|---|---------------|-----------------------------|-----|-------------------------|---------|---------------------|
|   | $\mathbf{HT}$ | Heat detector, fixed temp   | TS  | Sprinkler tamper switch | K       | Buzzer/suite buzzer |
|   | RHT           | Heat detector, rate of rise | LA  | Low air pressure switch | C       | Chime               |
|   | $\mathbf{S}$  | Smoke detector              | PS  | Alarm pressure switch   | ${f v}$ | Visual alarm        |
|   | DS            | Duct smoke detector         | SA  | Smoke alarm             | SP      | Loudspeaker         |
|   | K/V           | Horn/strobe                 | AD  | Ancillary device        | ET      | Fire phone          |
| L | H             | Horn                        | EOI | End of line resistor    | GA      | General alarm       |



| Date: July 2017  | ✓ Annual Inspection                                      |
|--|--|
| <b>Building Name: Mission Minimum Institution – A18-RES.</b> | Technicians: Matthew Kowalenko FP1093 / Allen Amy FP1093 |
| Address: 33737 Dewdney Trunk Road                            | City: Mission  |

| A. Correctly installed                            | D. Annunciator indication confirmed |
|---|-------------------------------------|
| B. Requires service, repairs, missing or cleaning | E. Zone circuit number or address   |
| C. Alarm operation confirmed                      | F. Smoke sensitivity testing        |

| Location              | Device | A  | В | C | D | E         | F | Remarks              |
|-----------------------|--------|----|---|---|---|-----------|---|----------------------|
| DORMS – A18           |        |    |   |   |   |           |   |                      |
| A18 mechanical room   | TS     |    |   |   | 1 |           |   | Incoming – to main   |
|                       | TS     |    |   |   | 1 |           |   | Backflow 1 - to main |
|                       | TS     |    |   |   | 1 |           |   | Backflow 2 - to main |
|                       | FS     |    |   | 1 | 1 | 1         |   | 14 seconds           |
| Mala                  | В      |    |   | 1 |   | <u> </u>  |   |                      |
| Main area             | SA     |    |   | 1 |   | A         |   | Domonto to moin      |
| A18 room 135          |        |    |   | 1 |   |           |   | Reports to main      |
| A18 room 136          | SA     |    |   |   |   |           |   | Reports to main      |
| A18 room 137          | SA     |    |   | 1 |   |           |   |                      |
| A18 room 131          | SA     |    |   | 1 |   |           |   | Reports to main      |
| A18 room 132          | SA     |    |   | 1 |   |           |   | Reports to main      |
| A18 room 133          | SA     |    |   | 1 |   |           |   | Reports to main      |
| A18 room 134          | SA     |    |   | 1 |   |           |   | Reports to main      |
| A18 room 138          | SA     |    |   | 1 |   |           |   | Reports to main      |
| FA panel              | AD     |    |   | 1 |   |           |   | Trouble to main      |
| FA panel              | AD     |    |   | 1 |   |           |   | Alarm to main        |
|                       |        |    |   |   |   |           |   |                      |
|                       |        |    |   |   |   |           |   |                      |
|                       |        |    |   |   |   |           |   |                      |
|                       |        |    |   |   |   |           |   |                      |
|                       |        |    |   |   |   |           |   |                      |
|                       |        |    |   |   |   |           |   |                      |
|                       |        |    |   |   |   |           |   |                      |
|                       |        |    |   |   |   |           |   |                      |
| M Manual pull station |        | FS |   |   |   | ow switch |   | B Bell               |

|   | M            | Manual pull station         | FS  | Sprinkler flow switch   | В       | Bell                |
|---|--------------|-----------------------------|-----|-------------------------|---------|---------------------|
|   | HT           | Heat detector, fixed temp   | TS  | Sprinkler tamper switch | K       | Buzzer/suite buzzer |
|   | RHT          | Heat detector, rate of rise | LA  | Low air pressure switch | C       | Chime               |
|   | $\mathbf{S}$ | Smoke detector              | PS  | Alarm pressure switch   | ${f v}$ | Visual alarm        |
|   | DS           | Duct smoke detector         | SA  | Smoke alarm             | SP      | Loudspeaker         |
|   | K/V          | Horn/strobe                 | AD  | Ancillary device        | ET      | Fire phone          |
| l | H            | Horn                        | EOL | End of line resistor    | GA      | General alarm       |
|   |              |                             |     |                         |         |                     |



| Date: July 201        | 7   | ✓ Annual Inspection                                      |
|-----------------------|---|--|
| <b>Building Name:</b> | <b>Mission Minimum Institution – A19-RES.</b> | Technicians: Matthew Kowalenko FP1093 / Allen Amy FP1093 |
| Address:              | 33737 Dewdney Trunk Road                      | City: Mission  |

| A. Correctly installed                            | D. Annunciator indication confirmed |
|---|-------------------------------------|
| B. Requires service, repairs, missing or cleaning | E. Zone circuit number or address   |
| C. Alarm operation confirmed                      | F. Smoke sensitivity testing        |

| DORMS – A19 A19 mechanical room |    |    |   | D | E        | F | Remarks         |
|---------------------------------|----|----|---|---|----------|---|-----------------|
| A19 mechanical room             |    |    |   |   |          |   |                 |
|                                 | TS |    |   | 1 |          |   | To main         |
|                                 | TS |    |   | 1 |          |   |                 |
|                                 | TS |    |   | 1 |          |   |                 |
| A19 mechanical room             | FS |    | 1 | 1 | 1        |   | 22 seconds      |
| Main area                       | В  |    | 1 |   | A        |   |                 |
| A19 room 82                     | SA |    | 1 |   |          |   | Reports to main |
| A19 room 81                     | SA |    | 1 |   |          |   | Reports to main |
| Hall by 81                      | SA |    | 1 |   |          |   | Reports to main |
| Hall by 79                      | SA |    | 1 |   |          |   | Reports to main |
| A19 room 79                     | SA |    | 1 |   |          |   | Reports to main |
| A19 room 80                     | SA |    | 1 |   |          |   | Reports to main |
| FA panel                        | AD |    | 1 |   |          |   | Trouble to main |
|                                 | AD |    | 1 |   |          |   | Alarm to main   |
|                                 |    |    |   |   |          |   |                 |
|                                 |    |    |   |   |          |   |                 |
|                                 |    |    |   |   |          |   |                 |
|                                 |    |    |   |   |          |   |                 |
|                                 |    |    |   |   |          |   |                 |
|                                 |    |    |   |   |          |   |                 |
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|                                 |    |    |   |   |          |   |                 |
|                                 |    |    |   |   |          |   |                 |
|                                 |    |    |   |   |          |   |                 |
|                                 |    |    |   |   |          | 1 |                 |
|                                 |    |    |   |   |          | 1 |                 |
|                                 |    |    |   |   |          |   |                 |
|                                 |    |    |   |   |          | 1 |                 |
|                                 |    |    |   |   |          | 1 |                 |
|                                 |    |    |   |   |          | + |                 |
|                                 |    |    |   |   |          | + |                 |
|                                 |    |    |   |   |          | + |                 |
|                                 |    |    |   |   |          |   |                 |
| Manual pull station             |    | FS |   |   | w switch |   | B Bell          |

| M   | Manual pull station         | FS  | Sprinkler flow switch   | В            | Bell                |
|-----|-----------------------------|-----|-------------------------|--------------|---------------------|
| HT  | Heat detector, fixed temp   | TS  | Sprinkler tamper switch | K            | Buzzer/suite buzzer |
| RHT | Heat detector, rate of rise | LA  | Low air pressure switch | C            | Chime               |
| S   | Smoke detector              | PS  | Alarm pressure switch   | $\mathbf{V}$ | Visual alarm        |
| DS  | Duct smoke detector         | SA  | Smoke alarm             | SP           | Loudspeaker         |
| K/V | Horn/strobe                 | AD  | Ancillary device        | ET           | Fire phone          |
| H   | Horn                        | EOL | End of line resistor    | GA           | General alarm       |



| Date: July 2017  | ✓ Annual Inspection                                      |
|--|--|
| <b>Building Name: Mission Minimum Institution – A20-RES.</b> | Technicians: Matthew Kowalenko FP1093 / Allen Amy FP1093 |
| Address: 33737 Dewdney Trunk Road                            | City: Mission  |

| A. Correctly installed                            | D. Annunciator indication confirmed |
|---|-------------------------------------|
| B. Requires service, repairs, missing or cleaning | E. Zone circuit number or address   |
| C. Alarm operation confirmed                      | F. Smoke sensitivity testing        |

| Location               | Device | A  | В     | C | D | E        | F  | Remarks                      |
|------------------------|--------|----|-------|---|---|----------|----|------------------------------|
| DORMS – A20            |        |    |       |   |   |          |    |                              |
| A 20 - mechanical room | TS     |    |       |   | 1 |          |    | Reports to main              |
|                        | TS     |    |       |   | 1 |          |    |                              |
|                        | TS     |    |       |   | 1 |          |    |                              |
|                        | FS     |    |       | 1 | 1 | A        |    | 18 seconds                   |
| 100                    | G.A.   |    |       | _ |   |          |    |                              |
| A20 room 63            | SA     |    |       | 1 |   |          |    | Reports to main              |
| A20 room 64            | SA     |    |       | 1 |   |          |    | Reports to main              |
| A20 room 65            | SA     |    |       | 1 |   |          |    | Reports to main              |
| A20 room 66            | SA     |    |       | 1 |   |          |    | Reports to main              |
| Hall by 65             | SA     |    |       | 1 |   |          |    | Reports to main              |
| Hall by 64             | SA     |    |       | 1 |   |          |    | Reports to main              |
| Main area              | В      |    |       | 1 |   | A        |    |                              |
| FA panel               | AD     |    |       | 1 |   |          |    | Trouble to main              |
| *                      | AD     |    |       | 1 |   |          |    | Alarm to main – breaker SA's |
|                        |        |    |       |   |   |          |    |                              |
|                        |        |    |       |   |   |          |    |                              |
|                        |        |    |       |   |   |          |    |                              |
|                        |        |    |       |   |   |          |    |                              |
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|                        |        |    |       |   |   |          |    |                              |
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|                        |        |    |       |   |   |          |    |                              |
|                        |        |    |       |   |   |          |    |                              |
|                        |        |    |       |   |   |          |    |                              |
|                        |        |    |       |   |   |          | 1  |                              |
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|                        |        |    |       |   |   |          | 1  |                              |
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|                        |        |    |       |   |   |          | 1- |                              |
|                        |        |    |       |   |   |          | 1- |                              |
|                        |        |    |       |   |   |          | 1- |                              |
|                        |        |    |       |   |   |          | 1  |                              |
| M Manual pull station  |        | FS | پـــا |   |   | w switch |    | B Bell                       |

| M   | Manual pull station         | FS  | Sprinkler flow switch   | В            | Bell                |
|-----|-----------------------------|-----|-------------------------|--------------|---------------------|
| HT  | Heat detector, fixed temp   | TS  | Sprinkler tamper switch | K            | Buzzer/suite buzzer |
| RHT | Heat detector, rate of rise | LA  | Low air pressure switch | $\mathbf{C}$ | Chime               |
| S   | Smoke detector              | PS  | Alarm pressure switch   | $\mathbf{V}$ | Visual alarm        |
| DS  | Duct smoke detector         | SA  | Smoke alarm             | SP           | Loudspeaker         |
| K/V | Horn/strobe                 | AD  | Ancillary device        | ET           | Fire phone          |
| H   | Horn                        | EOL | End of line resistor    | GA           | General alarm       |



| Date: July 201        | 7   | ✓ Annual Inspection                                      |
|-----------------------|---|--|
| <b>Building Name:</b> | <b>Mission Minimum Institution – A21-RES.</b> | Technicians: Matthew Kowalenko FP1093 / Allen Amy FP1093 |
| Address:              | 33737 Dewdney Trunk Road                      | City: Mission  |

| A. Correctly installed                            | D. Annunciator indication confirmed |
|---|-------------------------------------|
| B. Requires service, repairs, missing or cleaning | E. Zone circuit number or address   |
| C. Alarm operation confirmed                      | F. Smoke sensitivity testing        |

| Location            | Yes – Accepta  Device | A  | В | C        | D | E  | F | Remarks                       |
|---------------------|-----------------------|----|---|----------|---|----|---|-------------------------------|
| DORMS – A21         | Bevice                | 11 |   |          |   |    | 1 | Kemurks                       |
| A21 mechanical room | TS                    |    |   |          | 1 |    | 1 | Main incoming - to main       |
| 1121 mediamen 100m  | TS                    |    |   |          | 1 |    |   | Backflow 1 - to main          |
|                     | TS                    |    |   |          | 1 |    |   | Backflow2 - to main           |
|                     | FS                    |    |   | 1        | 1 | 1  |   | 23 seconds                    |
|                     | 15                    |    |   | <u> </u> |   | 1  |   | 25 Seconds                    |
| Main area           | В                     |    |   | 1        |   | A  |   |                               |
| A21 room 83         | SA                    |    |   | 1        |   | 11 |   | Reports to main               |
| A21 room 84         | SA                    |    |   | 1        |   |    |   | Reports to main               |
| A21 room 85         | SA                    |    |   | 1        |   |    |   | Reports to main               |
| A21 room 86         | SA                    |    |   | 1        |   |    |   | Reports to main               |
| Main area           | SA                    |    |   | 1        |   |    |   | Nopolis to main               |
| A21 room 87         | SA                    |    |   | 1        |   |    |   | Reports to main               |
| A21 room 88         | SA                    |    |   | 1        |   |    |   | Reports to main               |
| A21 room 89         | SA                    |    |   | 1        |   |    |   | Reports to main               |
| A21 room 90         | SA                    |    |   | 1        |   |    |   | Reports to main               |
| 112110011170        | 511                   |    |   |          |   |    |   | Nopolis to main               |
| FA panel            | AD                    |    |   | 1        |   |    |   | Trouble to main               |
| 111 punci           | AD                    |    |   | 1        |   |    |   | Alarm to main – breaker SA's  |
|                     | 112                   |    |   |          |   |    |   | That is to main breaker 511 5 |
|                     |                       |    |   |          |   |    |   |                               |
|                     |                       |    |   |          |   |    |   |                               |
|                     |                       |    |   |          |   |    |   |                               |
|                     |                       |    |   |          |   |    |   |                               |
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|                     |                       |    |   |          |   |    |   |                               |
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|                     |                       |    |   |          |   |    |   |                               |
|                     |                       |    |   |          |   |    |   |                               |
|                     |                       |    | 1 | 1        |   | 1  | 1 |                               |

| M   | Manual pull station         | FS  | Sprinkler flow switch   | В            | Bell                |
|-----|-----------------------------|-----|-------------------------|--------------|---------------------|
| HT  | Heat detector, fixed temp   | TS  | Sprinkler tamper switch | K            | Buzzer/suite buzzer |
| RHT | Heat detector, rate of rise | LA  | Low air pressure switch | C            | Chime               |
| S   | Smoke detector              | PS  | Alarm pressure switch   | $\mathbf{V}$ | Visual alarm        |
| DS  | Duct smoke detector         | SA  | Smoke alarm             | SP           | Loudspeaker         |
| K/V | Horn/strobe                 | AD  | Ancillary device        | ET           | Fire phone          |
| H   | Horn                        | EOL | End of line resistor    | GA           | General alarm       |



| Date: July 201        | 7   | ✓ Annual Inspection                                      |
|-----------------------|---|--|
| <b>Building Name:</b> | <b>Mission Minimum Institution – A22-RES.</b> | Technicians: Matthew Kowalenko FP1093 / Allen Amy FP1093 |
| Address:              | 33737 Dewdney Trunk Road                      | City: Mission  |

| A. Correctly installed                            | D. Annunciator indication confirmed |
|---|-------------------------------------|
| B. Requires service, repairs, missing or cleaning | E. Zone circuit number or address   |
| C. Alarm operation confirmed                      | F. Smoke sensitivity testing        |

| Location            | Yes – Accepta  Device | A | В | C |   | E | F | Remarks                      |
|---------------------|-----------------------|---|---|---|---|---|---|------------------------------|
| DORMS – A22         |                       |   |   |   |   |   |   |                              |
| A22 mechanical room | TS                    |   |   |   | 1 |   |   | Incoming – reports to main   |
|                     | TS                    |   |   |   | 1 |   |   | Backflow 1 – reports to main |
|                     | TS                    |   |   |   | 1 |   |   | Backflow 2 – reports to main |
|                     | FS                    |   |   | 1 | 1 | 1 |   | 31 seconds                   |
|                     |                       |   |   |   |   |   |   |                              |
| A22 main area       | В                     |   |   | 1 |   | A |   |                              |
|                     | SA                    |   |   | 1 |   |   |   | Reports to main              |
| A22 room 99         | SA/V                  |   |   | 1 |   |   |   | Reports to main              |
| A22 room 100        | SA                    |   |   | 1 |   |   |   | Reports to main              |
| A22 room 101        | SA                    |   |   | 1 |   |   |   | Reports to main              |
| A22 room 102        | SA                    |   |   | 1 |   |   |   | Reports to main              |
| A22 room 103        | SA                    |   |   | 1 |   |   |   | Reports to main              |
| A22 room 104        | SA/V                  |   |   | 1 |   |   |   | Reports to main              |
| A22 room 105        | SA                    |   |   | 1 |   |   |   | Reports to main              |
| A22 room 106        | SA                    |   |   | 1 |   |   |   | Reports to main              |
|                     |                       |   |   |   |   |   |   |                              |
| FA panel            | AD                    |   |   | 1 |   |   |   | Trouble to main              |
| FA panel            | AD                    |   |   | 1 |   |   |   | Alarm to main                |
|                     |                       |   |   |   |   |   |   |                              |
|                     |                       |   |   |   |   |   |   |                              |
|                     |                       |   |   |   |   |   |   |                              |
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|                     |                       |   |   |   |   |   |   |                              |
|                     |                       |   |   |   |   |   |   |                              |

| M   | Manual pull station         | FS  | Sprinkler flow switch   | В             | Bell                |
|-----|-----------------------------|-----|-------------------------|---------------|---------------------|
| HT  | Heat detector, fixed temp   | TS  | Sprinkler tamper switch | K             | Buzzer/suite buzzer |
| RHT | Heat detector, rate of rise | LA  | Low air pressure switch | $\mathbf{C}$  | Chime               |
| S   | Smoke detector              | PS  | Alarm pressure switch   | $\mathbf{V}$  | Visual alarm        |
| DS  | Duct smoke detector         | SA  | Smoke alarm             | SP            | Loudspeaker         |
| K/V | Horn/strobe                 | AD  | Ancillary device        | $\mathbf{ET}$ | Fire phone          |
| H   | Horn                        | EOL | End of line resistor    | GA            | General alarm       |



| Date: July 201        | 17                                     | ✓ Annual Inspection                                      |
|-----------------------|--|--|
| <b>Building Name:</b> | Mission Minimum Institution – A23-RES. | Technicians: Matthew Kowalenko FP1093 / Allen Amy FP1093 |
| Address:              | 33737 Dewdney Trunk Road               | City: Mission  |

| A. Correctly installed                            | D. Annunciator indication confirmed |
|---|-------------------------------------|
| B. Requires service, repairs, missing or cleaning | E. Zone circuit number or address   |
| C. Alarm operation confirmed                      | F. Smoke sensitivity testing        |

| . Alarm operation confirmed |              |     |   | F    | . Sm | oke sensitivity | y testi | ing  |
|-----------------------------|--------------|-----|---|------|------|-----------------|---------|--|
| "✓" Y                       | es – Accepta | ble |   | No · |      |                 |         | NA" Not applicable   |
| Location                    | Device       | A   | В | C    | D    | E               | F       | Remarks  |
| DORMS – A23                 |              |     |   |      |      |                 |         |  |
| A23 mechanical room         | TS           |     |   |      | 1    |                 |         | Incoming   |
|                             | TS           |     |   |      | 1    |                 |         | Backflow 1   |
|                             | TS           |     |   |      | 1    |                 |         | Backflow 2   |
|                             | FS           |     |   | 1    | 1    | 1               |         | 25 seconds   |
|                             |              |     |   |      |      |                 |         |  |
| Main area                   | В            |     |   | 1    |      | A               |         |  |
| A23 room 91                 | SA/V         |     |   | 1    |      |                 |         | Reports to main  |
| A23 room 92                 | SA           |     |   | 1    |      |                 |         | Reports to main  |
| A23 room 93                 | SA           |     |   | 1    |      |                 |         | Reports to main  |
| A23 room 94                 | SA           |     |   | 1    |      |                 |         | Reports to main  |
| A23 room 95                 | SA           |     |   | 1    |      |                 |         | Reports to main  |
| A23 room 96                 | SA           |     |   | 1    |      |                 |         | Reports to main  |
| A23 room 97                 | SA/V         |     |   | 1    |      |                 |         | Reports to main  |
| A23 room 98                 | SA           |     |   | 1    |      |                 |         | Reports to main  |
| Main area                   | SA           |     |   | 1    |      |                 |         | Reports to main  |
|                             |              |     |   |      |      |                 |         |  |
| FA panel                    | AD           |     |   | 1    |      |                 |         | Trouble to main  |
| 111 punos                   | AD           |     |   | 1    |      |                 |         | Alarm to main – breaker does SA's  |
|                             | 122          |     |   |      |      |                 |         | Take the control of t |
|                             |              |     |   |      |      |                 |         |  |
|                             |              |     |   |      |      |                 |         |  |
|                             |              |     |   |      |      |                 |         |  |
|                             |              |     |   |      |      |                 |         |  |
|                             |              |     |   |      |      |                 |         |  |
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|                             |              | -   |   |      |      |                 | -       |  |

| M            | Manual pull station         | FS  | Sprinkler flow switch   | В            | Bell                |
|--------------|-----------------------------|-----|-------------------------|--------------|---------------------|
| HT           | Heat detector, fixed temp   | TS  | Sprinkler tamper switch | K            | Buzzer/suite buzzer |
| RHT          | Heat detector, rate of rise | LA  | Low air pressure switch | C            | Chime               |
| $\mathbf{S}$ | Smoke detector              | PS  | Alarm pressure switch   | $\mathbf{V}$ | Visual alarm        |
| DS           | Duct smoke detector         | SA  | Smoke alarm             | SP           | Loudspeaker         |
| K/V          | Horn/strobe                 | AD  | Ancillary device        | ET           | Fire phone          |
| H            | Horn                        | EOL | End of line resistor    | GA           | General alarm       |



| Date: July 2017   | ✓ Annual Inspection                                      |
|---|--|
| <b>Building Name: Mission Minimum – BLDG 4-Recreation</b> | Technicians: Matthew Kowalenko FP1093 / Allen Amy FP1093 |
| Address: 33737 Dewdney Trunk Road                         | City: Mission  |

| A. Correctly installed                            | D. Annunciator indication confirmed |
|---|-------------------------------------|
| B. Requires service, repairs, missing or cleaning | E. Zone circuit number or address   |
| C. Alarm operation confirmed                      | F. Smoke sensitivity testing        |

| Location                       | es – Accepta<br>Device | A | В | C | D | E | F       | Remarks                   |
|--------------------------------|------------------------|---|---|---|---|---|---------|---------------------------|
| <b>BUILDING 4 – Recreation</b> |                        |   |   |   |   |   |         | Inmate gym                |
| Mechanical room                | HT                     |   |   |   |   |   |         |                           |
| East exit                      | M                      |   |   | 1 | 1 | 1 |         |                           |
| East games room                | RHT                    |   |   | 1 | 1 | 1 |         |                           |
|                                | В                      |   |   | 1 |   | A |         |                           |
| Storage room 4 – 104           | RHT                    |   |   | 1 | 1 | 1 |         |                           |
| South exit                     | M                      |   |   | 1 | 1 | 1 |         |                           |
|                                | RHT                    |   |   | 1 | 1 | 1 |         |                           |
| Washroom 4-103                 | RHT                    |   |   | 1 | 1 | 1 |         |                           |
| Janitors room 4 – 106          | RHT                    |   |   | 1 | 1 | 1 |         |                           |
| West weight room 4-101         | RHT                    |   |   | 1 | 1 | 1 |         |                           |
| West weight room               | M                      |   |   | 1 | 1 | 1 |         |                           |
|                                | В                      |   |   | 1 |   | A |         |                           |
|                                |                        |   |   |   |   |   |         |                           |
| Fire panel                     | AD                     |   |   | 1 |   |   |         | Trouble and alarm to main |
|                                |                        |   |   |   |   |   |         |                           |
|                                |                        |   |   |   |   |   |         |                           |
|                                |                        |   |   |   |   |   |         |                           |
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|                                |                        | 1 |   |   |   |   | $\perp$ |                           |
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|                                |                        | - |   |   |   | - | -       |                           |
|                                |                        | - |   |   |   | - | +       |                           |
|                                |                        | - | - | 1 |   |   |         |                           |

| M            | Manual pull station         | FS | Sı               | rinkle  | r flov | v switch    |  | В            | Bell                |  |
|--------------|-----------------------------|----|------------------|---------|--------|-------------|--|--------------|---------------------|--|
| HT           | Heat detector, fixed temp   | TS | $S_{\mathbf{I}}$ | orinkle | r tan  | nper switch |  | K            | Buzzer/suite buzzer |  |
| RHT          | Heat detector, rate of rise | LA | L                | w air   | press  | ure switch  |  | C            | Chime               |  |
| $\mathbf{S}$ | Smoke detector              | PS | $\mathbf{A}$     | larm p  | ressu  | re switch   |  | $\mathbf{V}$ | Visual alarm        |  |
| DS           | Duct smoke detector         | SA | Sı               | noke a  | larm   |             |  | SP           | Loudspeaker         |  |
| K/V          | Horn/strobe                 | AΙ | ) A              | ncillar | y dev  | ice         |  | ET           | Fire phone          |  |
| H            | Horn                        | EC | )L E             | nd of l | ine re | esistor     |  | GA           | General alarm       |  |



#### FIRE ALARM SYSTEM REPORT

| Date: July 201        | 7                                    | ✓ Annual Inspection                                      |
|-----------------------|--------------------------------------|--|
| <b>Building Name:</b> | Mission Minimum – BLDG 27-Psychology | Technicians: Matthew Kowalenko FP1093 / Allen Amy FP1093 |
| Address:              | 33737 Dewdney Trunk Road             | City: Mission  |

| A. Correctly installed                            | D. Annunciator indication confirmed |
|---|-------------------------------------|
| B. Requires service, repairs, missing or cleaning | E. Zone circuit number or address   |
| C. Alarm operation confirmed                      | F. Smoke sensitivity testing        |

| North exit Room 27–10 Hall by 27–3 Room 27–4                    | TS TS TS FS RHT  M S S   |          |    | <i>I</i> | /<br>/<br>/<br>/ | 1<br>1<br>1<br>1 |   | Psychology  30 seconds        |
|---|--------------------------|----------|----|----------|------------------|------------------|---|-------------------------------|
| North exit Room 27–10 Hall by 27–3 Room 27–3                    | TS TS FS RHT M S S       |          |    |          | √<br>√           | 1<br>1<br>1      |   | 30 seconds                    |
| Room 27–10<br>Hall by 27–3<br>Room 27–3                         | TS FS RHT  M S S         |          |    |          | 1                | 1 1              |   | 30 seconds                    |
| Room 27–10<br>Hall by 27–3<br>Room 27–3                         | FS<br>RHT<br>M<br>S<br>S |          |    |          | 1                | 1                |   | 30 seconds                    |
| Room 27–10<br>Hall by 27–3<br>Room 27–3                         | RHT M S S                |          |    |          |                  |                  |   | 30 seconds                    |
| Room 27–10<br>Hall by 27–3<br>Room 27–3                         | RHT M S S                |          |    | 1        | 1                | _                |   | JU SECURUS                    |
| Room 27–10<br>Hall by 27–3<br>Room 27–3                         | M<br>S<br>S              |          |    |          |                  | 1                |   |                               |
| Room 27–10<br>Hall by 27–3<br>Room 27–3                         | S<br>S                   |          |    | _        |                  |                  |   |                               |
| Hall by 27–3<br>Room 27–3                                       | S                        |          |    | 1        | 1                | 1                |   |                               |
| Room 27–3   |                          |          |    | 1        | 1                | 1                |   |                               |
| Room 27–3   | G                        |          |    | 1        | 1                | 1                |   |                               |
| Room 27_4   | S                        |          |    |          |                  | 1                |   | No access                     |
| AUUIII #1 -T  | S                        |          |    | 1        | 1                | 1                |   |                               |
| Hall by 27-5  | В                        |          |    | 1        |                  | A                |   |                               |
| Room 27-13  | S                        |          |    | 1        | 1                | 1                |   |                               |
| Room 27–9   | S                        |          |    |          |                  | 1                |   | No access                     |
| By room 27-14   | S                        |          |    | 1        | 1                | 1                |   |                               |
| Room 27-14  | S                        |          |    |          |                  | 1                |   | No access                     |
| South exit  | M                        |          |    | 1        | 1                | 1                |   |                               |
|   |                          |          |    |          |                  |                  |   |                               |
| Panel trouble   | AD                       |          |    | 1        |                  |                  |   | To main                       |
| Panel alarm   | AD                       |          |    | 1        |                  |                  |   | To main                       |
|   |                          |          |    |          |                  |                  |   |                               |
|   |                          |          |    |          |                  |                  |   |                               |
|   |                          |          |    |          |                  |                  |   | Tamper bypasses alarms        |
|   |                          |          |    |          |                  |                  |   |                               |
|   |                          |          |    |          |                  |                  |   |                               |
|   |                          |          |    |          |                  |                  |   |                               |
|   |                          |          |    |          |                  |                  |   |                               |
|   |                          |          |    |          |                  |                  |   |                               |
|   |                          |          |    |          |                  |                  |   |                               |
|   |                          |          |    |          |                  |                  |   |                               |
|   |                          |          |    |          |                  |                  |   |                               |
|   |                          |          |    |          |                  |                  |   |                               |
|   |                          |          |    |          |                  |                  |   |                               |
|   |                          |          |    |          |                  |                  |   |                               |
|   |                          |          |    |          |                  |                  |   |                               |
|   |                          |          |    |          |                  |                  |   |                               |
| M Manual pull station   |                          | FS       | Sı | prinkl   | ler flo          | w switch         | L | B Bell                        |
| HT Heat detector, fixed temp<br>RHT Heat detector, rate of rise |                          | TS<br>LA |    |          |                  | mper switch      |   | K Buzzer/suite buzzer C Chime |

SA

AD

Smoke alarm

**Ancillary device EOL** End of line resistor SP Loudspeaker

GA General alarm

ET Fire phone

DS

H

K/V Horn/strobe

Horn

**Duct smoke detector** 



| Date: July 201        | 17                                  | ✓ Annual Inspection                                      |  |  |  |  |
|-----------------------|-------------------------------------|--|--|--|--|--|
| <b>Building Name:</b> | Mission Minimum Institution – LU 24 | Technicians: Matthew Kowalenko FP1093 / Allen Amy FP1093 |  |  |  |  |
| Address:              | 33737 Dewdney Trunk Road            | City: Mission  |  |  |  |  |

| A. Correctly installed                            | D. Annunciator indication confirmed |
|---|-------------------------------------|
| B. Requires service, repairs, missing or cleaning | E. Zone circuit number or address   |
| C. Alarm operation confirmed                      | F. Smoke sensitivity testing        |

| C. Alarm operation confirmed F. Smoke sensitivity testing      |                |        |   |   |          |          |     |   |                                 |
|--|----------------|--------|---|---|----------|----------|-----|---|---------------------------------|
| "✓" Yes – Acceptable "X" No – Unacceptable "NA" Not applicable |                |        |   |   |          |          |     |   |                                 |
|  | Location       | Device | A | В | C        | D        | E   | F | Remarks                         |
| 1  | Stair 2        | S      |   |   | >        | >        | 75  |   | Stair number does not match FSP |
| 2  | By 203         | M      |   |   | >        | >        | 378 |   |                                 |
| 3  |                | GA     |   |   | >        | >        | 379 |   |                                 |
| 4  |                | S      |   |   | >        | >        | 258 |   |                                 |
| 5  | W200           | S      |   |   | <        | /        | 265 |   |                                 |
| 6  | By W211        | S      |   |   | <        | 1        | 266 |   |                                 |
| 7  | W210           | S      |   |   | >        | >        | 278 |   | Wrong readout – very high       |
| 8  | W211           | S      |   |   | 1        | 1        | 279 |   | Wrong readout                   |
| 9  | W208           | S      |   |   | >        | >        | 277 |   |                                 |
| 10   | By W207        | S      |   |   | <b>\</b> | >        | 267 |   |                                 |
| 11   | W207           | S      |   |   | \        | >        | 276 |   |                                 |
| 12   | W206           | S      |   |   | 1        | 1        | 275 |   |                                 |
| 13   | By W205        | S      |   |   | <b>\</b> | >        | 268 |   |                                 |
| 14   | W205           | S      |   |   | >        | >        | 274 |   |                                 |
| 15   | W204           | S      |   |   | <b>\</b> | >        | 273 |   |                                 |
| 16   | W203           | S      |   |   | >        | >        | 272 |   |                                 |
| 17   | W202           | S      |   |   | >        | >        | 271 |   |                                 |
| 18   | W201           | S      |   |   | >        | >        | 270 |   |                                 |
| 19   | By W201        | S      |   |   | >        | >        | 269 |   |                                 |
| 20   | Elevator lobby | S      |   |   | >        | >        | 256 |   |                                 |
| 21   | By W201        | M      |   |   | >        | >        | 380 |   |                                 |
| 22   |                | GA     |   |   | <b>\</b> | >        | 381 |   |                                 |
| 23   |                |        |   |   |          |          |     |   |                                 |
| 24   | Top of stair 1 | S      |   |   | \        | >        | 73  |   |                                 |
| 25   | By N200        | S      |   |   | <b>\</b> | >        | 259 |   |                                 |
| 26   | N225           | S      |   |   | 1        | >        | 262 |   |                                 |
| 27   | N200           | S      |   |   | <b>✓</b> | 1        | 280 |   |                                 |
| 28   | N211           | S      |   |   | 1        | <b>\</b> | 295 |   | Wrong readout                   |
| 29   | By N211        | S      |   |   | <b>✓</b> | 1        | 281 |   |                                 |
| 30   | N210           | S      |   |   | 1        | >        | 294 |   | Wrong readout - high            |
| 31   | N209           | S      |   |   | <b>\</b> | >        | 293 |   |                                 |
| 32   | N208           | S      |   |   | <b>✓</b> | 1        | 292 |   |                                 |
| 33   | By N208        | S      |   |   | 1        | 1        | 282 |   |                                 |
| 34   | N207           | S      |   |   | >        | >        | 291 |   |                                 |
| 35   | By N206        | S      |   |   | 1        | 1        | 283 |   |                                 |
| 36   | N206           | S      |   |   | 1        | 1        | 290 |   |                                 |
| 37   | N205           | S      |   |   | 1        | <b>\</b> | 289 |   |                                 |
| 38   | N204           | S      |   |   | <b>✓</b> | 1        | 288 |   |                                 |

| M   | Manual pull station         | FS                     | Sprinkler flow switch   | В            | Bell                |
|-----|-----------------------------|------------------------|-------------------------|--------------|---------------------|
| HT  | Heat detector, fixed temp   | TS                     | Sprinkler tamper switch | K            | Buzzer/suite buzzer |
| RHT | Heat detector, rate of rise | $\mathbf{L}\mathbf{A}$ | Low air pressure switch | $\mathbf{C}$ | Chime               |
| S   | Smoke detector              | PS                     | Alarm pressure switch   | $\mathbf{V}$ | Visual alarm        |
| DS  | Duct smoke detector         | SA                     | Smoke alarm             | SP           | Loudspeaker         |
| K/V | Horn/strobe                 | AD                     | Ancillary device        | ET           | Fire phone          |
| H   | Horn                        | EOL                    | End of line resistor    | GA           | General alarm       |

|    | Location        | Device   | A  | В          | C | D   | Е        | F | Remarks                   |
|----|-----------------|----------|----|------------|---|-----|----------|---|---------------------------|
| 41 | N203            | S        |    | X          |   |     | 287      |   | Faulty                    |
| 42 | N202            | S        |    |            | 1 | /   | 286      |   |                           |
| 43 | By N202         | S        |    |            | 1 | 1   | 284      |   |                           |
| 44 | By N201         | S        |    |            | 1 | /   | 285      |   |                           |
| 45 | <i>Dy</i> 1(201 | 5        |    |            | - |     |          |   |                           |
| 46 | By E200         | S        |    |            | 1 | 1   | 260      |   |                           |
| 47 | <i>Dy</i> 2200  | M        |    |            | 1 | 1   | 376      |   |                           |
| 48 |                 | GA       |    |            | 1 | 1   | 377      |   |                           |
| 49 | Stair 3         | S        |    |            | 1 | 1   | 077      |   | Stair 1 not matching FSP  |
| 50 | E200            | S        |    |            | 1 | 1   | 296      |   | Start 1 not matering 1 51 |
| 51 | E211            | S        |    |            | 1 | 1   | 310      |   | Wrong readout             |
| 52 | By E211         | S        |    |            | 1 | 1   | 297      |   | Wrong readout             |
| 53 | E210            | S        |    |            | 1 | 1   | 309      |   | Wrong readout             |
| 54 | E208            | S        |    |            | 1 | 1   | 308      |   | Wrong readout             |
| 55 | E207            | S        |    |            | 1 | 1   | 307      |   |                           |
| 56 | By E207         | S        |    |            | 1 | 1   | 298      |   |                           |
| 57 | E206            | S        |    |            | 1 | /   | 306      |   |                           |
| 58 | E205            | S        |    |            | 1 | /   | 305      |   |                           |
| 59 | By E205         | S        |    |            | 1 | /   | 299      |   |                           |
| 60 | E204            | S        |    |            | 1 | 1   | 304      |   |                           |
| 61 | E203            | S        |    |            | 1 | 1   | 303      |   |                           |
| 62 | E202            | S        |    |            | 1 | · / | 302      |   |                           |
| 63 | E201            | S        |    |            | 1 | 1   | 301      |   |                           |
| 64 | By E201         | S        |    |            | 1 | 1   | 300      |   |                           |
| 65 | Stair 3 by 203  | S        |    |            | 1 | 1   | 74       |   |                           |
| 66 | By 103          | M        |    |            | 1 | 1   | 160      |   |                           |
| 67 | By 103          | GA       |    |            | 1 | 1   | 161      |   |                           |
| 68 |                 | S        |    |            | 1 | /   | 21       |   |                           |
| 69 | W100            | S        |    |            | 1 | /   | 27       |   |                           |
| 70 | W101            | S        |    |            | 1 | /   | 32       |   |                           |
| 71 | By W101         | S        |    |            | 1 | 1   | 31       |   |                           |
| 72 | W102            | S        |    |            | 1 | · / | 33       |   |                           |
| 73 | W103            | S        |    |            | 1 | /   | 34       |   |                           |
| 74 | W104            | S        |    |            | 1 | · / | 35       |   |                           |
| 75 | W105            | S        |    |            | 1 | · / | 36       |   |                           |
| 76 | By W106         | S        |    |            | 1 | · / | 30       |   |                           |
| 77 | W106            | S        |    |            | 1 | 1   | 37       | 1 |                           |
| 78 | W107            | S        |    |            | 1 | 1   | 38       | 1 |                           |
| 79 | By W107         | S        |    |            | 1 | 1   | 29       | 1 |                           |
| 80 | W108            | S        |    | X          | _ | -   | 39       | 1 | Faulty                    |
| 81 | W110            | S        |    | <b>4 1</b> | 1 | 1   | 40       | 1 | - wasty                   |
| 82 | By W111         | S        |    |            | 1 | 1   | 28       | 1 |                           |
| 83 | W111            | S        |    |            | 1 | 1   | 41       | 1 |                           |
| 84 | *****           | 5        |    |            |   | -   | -11      | 1 |                           |
| 85 | By N101         | S        |    |            | 1 | 1   | 22       | 1 |                           |
| 86 | N100            | S        |    |            | 1 | 1   | 42       | 1 |                           |
| 87 | N111            | S        |    |            | 1 | 1   | 57       | 1 |                           |
| 88 | By N110         | S        |    |            | 1 | 1   | 43       | 1 |                           |
| 89 | N110            | S        |    |            | 1 | 1   | 56       | 1 |                           |
| 90 | N109            | S        |    |            | 1 | 1   | 55       | 1 |                           |
| N. |                 | <u> </u> | FS | Sr         | , |     | w switch | 1 | B Bell                    |

| M            | Manual pull station         | FS  | Sprinkler flow switch   | В             | Bell                |
|--------------|-----------------------------|-----|-------------------------|---------------|---------------------|
| HT           | Heat detector, fixed temp   | TS  | Sprinkler tamper switch | K             | Buzzer/suite buzzer |
| RHT          | Heat detector, rate of rise | LA  | Low air pressure switch | C             | Chime               |
| $\mathbf{S}$ | Smoke detector              | PS  | Alarm pressure switch   | $\mathbf{V}$  | Visual alarm        |
| DS           | Duct smoke detector         | SA  | Smoke alarm             | SP            | Loudspeaker         |
| K/V          | Horn/strobe                 | AD  | Ancillary device        | $\mathbf{ET}$ | Fire phone          |
| H            | Horn                        | EOL | End of line resistor    | GA            | General alarm       |

|     | Location          | Device | A  | В  | C     | D      | E        | F | Remarks  |
|-----|-------------------|--------|----|----|-------|--------|----------|---|--|
| 91  | N108              | S      |    |    | 1     | 1      | 54       |   |  |
| 92  | By N108           | S      |    |    | 1     | /      | 44       |   |  |
| 93  | N107              | S      |    |    | 1     | 1      | 53       |   |  |
| 94  | N106              | S      |    |    | 1     | 1      | 52       |   |  |
| 95  | By N106           | S      |    |    | 1     | 1      | 45       |   |  |
| 96  | N105              | S      |    |    | 1     | 1      | 51       |   |  |
| 97  | N104              | S      |    |    | 1     | 1      | 50       |   |  |
| 98  | N103              | S      |    |    | 1     | 1      | 49       |   |  |
| 99  | N102              | S      |    |    | 1     | 1      | 48       |   |  |
| 100 | By N102           | S      |    |    | 1     | 1      | 46       |   |  |
| 101 | N101              | S      |    |    | 1     | /      | 47       |   |  |
| 102 | 125               | S      |    |    | 1     | 1      | 26       |   |  |
| 103 |                   | 2      |    |    |       |        |          |   |  |
| 104 | By 102            | M      |    |    | 1     | /      | 164      |   |  |
| 105 |                   | GA     |    |    | 1     | 1      | 165      |   |  |
| 106 |                   | S      |    |    | 1     | 1      | 23       |   | Wrong stair listing  |
| 107 |                   | M      |    |    | 1     | /      | 162      |   | Transfer and the state of the s |
| 108 |                   | GA     |    |    | 1     | 1      | 163      |   |  |
| 109 |                   | 011    |    |    |       |        | 100      |   |  |
| 110 | Stair 2           | S      |    |    | 1     | 1      | 76       |   | Wrong stair listing  |
| 111 | 107 - vestibule   | S      |    |    | 1     | 1      | 24       |   |  |
| 112 |                   | 2      |    |    |       |        |          |   |  |
| 113 | E100              | S      |    |    | 1     | /      | 58       |   |  |
| 114 | E111              | S      |    |    | 1     | 1      | 72       |   |  |
| 115 | By E110           | S      |    |    | 1     | /      | 59       |   |  |
| 116 | E110              | S      |    |    | 1     | /      | 71       |   |  |
| 117 | E108              | S      |    |    | 1     | 1      | 70       |   |  |
| 118 | E107              | S      |    |    | 1     | 1      | 69       |   |  |
| 119 | By E107           | S      |    |    | 1     | 1      | 60       |   |  |
| 120 | E106              | S      |    |    | 1     | 1      | 68       |   |  |
| 121 | E105              | S      |    |    | 1     | /      | 67       |   |  |
| 122 | By E105           | S      |    |    | 1     | /      | 61       |   |  |
| 123 | E104              | S      |    |    | 1     | 1      | 66       |   |  |
| 124 | E103              | S      |    |    | 1     | 1      | 65       |   |  |
| 125 | E102              | S      |    |    | 1     | /      | 64       |   |  |
| 126 |                   | S      |    |    | 1     | /      | 63       |   |  |
| 127 | By E101           | S      |    |    | 1     | 1      | 62       |   |  |
| 128 | •                 |        |    |    |       |        |          |   |  |
| 129 | Main entrance     | M      |    |    | 1     | 1      | 156      |   |  |
| 130 |                   | GA     |    |    | 1     | 1      | 157      |   |  |
| 131 | Elevator lobby    | S      |    |    | 1     | /      | 19       |   |  |
| 132 | •                 | M      |    |    | 1     | 1      | 158      |   | By stair 1   |
| 133 | By stair 1        | GA     |    |    | 1     | 1      | 159      |   |  |
| 134 | Basement door 015 | M      |    |    | 1     | /      | 126      |   |  |
| 135 |                   | GA     |    |    | 1     | 1      | 127      |   |  |
| 136 |                   |        |    |    |       |        |          |   |  |
| 137 | 016               | S      |    |    | 1     | 1      | 13       |   |  |
| 138 | Elevator lobby    | S      |    |    | 1     | 1      | 14       |   |  |
| 139 | 011               | S      |    |    | 1     | 1      | 11       |   |  |
| 140 | 010               |        |    |    |       |        |          |   | No device  |
| M   |                   | -      | FS | Sp | rinkl | er flo | w switch |   | B Bell   |

| M            | Manual pull station         | FS         | Sprinkler flow switch   | В            | Bell                |
|--------------|-----------------------------|------------|-------------------------|--------------|---------------------|
| HT           | Heat detector, fixed temp   | TS         | Sprinkler tamper switch | K            | Buzzer/suite buzzer |
| RHT          | Heat detector, rate of rise | LA         | Low air pressure switch | C            | Chime               |
| $\mathbf{S}$ | Smoke detector              | PS         | Alarm pressure switch   | $\mathbf{V}$ | Visual alarm        |
| DS           | Duct smoke detector         | SA         | Smoke alarm             | SP           | Loudspeaker         |
| K/V          | Horn/strobe                 | AD         | Ancillary device        | ET           | Fire phone          |
| H            | Horn                        | <b>EOL</b> | End of line resistor    | GA           | General alarm       |
|              |                             |            |                         |              |                     |

|     | Location              | Device | A  | В  | C     | D      | E        | F | Remarks                                |
|-----|-----------------------|--------|----|----|-------|--------|----------|---|--|
|     |                       | ~      |    |    |       |        |          |   |  |
| 141 | 009                   | S      |    |    | 1     | 1      | 15       |   |  |
| 142 | By stair 3            | M      |    |    | 1     | 1      | 128      |   | Wrong readout                          |
| 143 |                       | GA     |    |    | 1     | 1      | 129      |   | Wrong readout                          |
| 144 | 003                   | M      |    |    | 1     | 1      | 179      |   |  |
| 145 |                       | GA     |    |    | 1     | 1      | 180      |   |  |
| 146 | 001                   | M      |    |    | 1     | 1      | 183      |   |  |
| 147 |                       | GA     |    |    | 1     | 1      | 184      |   |  |
| 148 | By stair 2            | M      |    |    | 1     | 1      | 130      |   | Wrong readout                          |
| 149 |                       | GA     |    |    | 1     | 1      | 131      |   | Wrong readout                          |
| 150 | 002                   | M      |    |    | 1     | 1      | 181      |   |  |
| 151 |                       | GA     |    |    | 1     | 1      | 182      |   |  |
| 152 | 006                   | S      |    |    | 1     | 1      | 12       |   | Sounder base                           |
| 153 |                       |        |    |    |       |        |          |   |  |
| 154 | Rooftop               | DS     |    |    | 1     | 1      | 264      |   | 2 <sup>nd</sup> floor Admin. tile mark |
| 155 |                       |        |    |    |       |        |          |   |  |
| 156 | Janitor closet 223    | S      |    |    | 1     | 1      | 255      |   |  |
| 157 | Storage 218           | S      |    |    | 1     | 1      | 254      |   |  |
| 158 | Janitor's closet 226  | S      |    |    | 1     | 1      |          |   |  |
| 159 |                       |        |    |    |       |        |          |   |  |
| 160 | Water curtain         | TS     |    |    |       | 1      | 141      |   |  |
| 161 |                       | FS     |    |    | /     | /      | 140      |   | 16 seconds                             |
| 162 | 2 <sup>nd</sup> floor | TS     |    |    |       | 1      | 139      |   |  |
| 163 |                       | FS     |    |    | <     | <      | 138      |   | 26 seconds                             |
| 164 | Ground floor          | TS     |    |    |       | 1      | 137      |   |  |
| 165 |                       | FS     |    |    | 1     | 1      | 136      |   | 20 seconds                             |
| 166 | Basement              | TS     |    |    |       | /      | 135      |   |  |
| 167 |                       | FS     |    |    | 1     | 1      | 134      |   | 15 seconds                             |
| 168 | Main                  | TS     |    |    |       | /      | 149      |   |  |
| 169 |                       |        |    |    |       |        |          |   |  |
| 170 | Sprinkler room        | M      |    |    | 1     | 1      | 132      |   |  |
| 171 |                       | GA     |    |    | 1     | 1      | 133      |   |  |
| 172 |                       | S      |    |    | /     | /      | 17       |   |  |
| 173 |                       |        |    |    |       |        |          |   |  |
| 174 | Backflow 1            | TS     |    |    |       | 1      | 145      |   |  |
| 175 | Backflow 2            | TS     |    |    |       | 1      | 146      |   |  |
| 176 |                       |        |    |    |       |        |          |   |  |
| 177 | 2 <sup>nd</sup> floor |        |    |    |       |        |          |   |  |
| 178 | W unit kitchen        | TS     |    |    |       | 1      | 383      |   |  |
| 179 |                       | FS     |    |    |       |        |          | İ | Non-testable Non-testable              |
| 180 | E unit kitchen        | TS     |    |    |       | 1      | 387      |   |  |
| 181 |                       | FS     |    |    | 1     | 1      | 386      | 1 | 30 seconds                             |
| 182 | N unit kitchen        | TS     |    |    |       | 1      | 385      | 1 |  |
| 183 |                       | FS     |    |    | 1     | 1      | 384      |   | 40 seconds                             |
| 184 |                       |        |    |    |       |        |          | 1 |  |
| 185 |                       |        |    |    |       |        |          |   |  |
| 186 |                       |        |    |    |       |        |          |   |  |
| 187 |                       |        |    |    |       |        |          | 1 |  |
| 188 |                       |        |    |    |       |        |          | 1 |  |
| 189 |                       |        |    |    |       |        |          | 1 |  |
| 190 |                       |        |    |    |       |        |          | 1 |  |
| M   | Manual pull station   | ı      | FS | Sr | rinkl | er flo | w switch | 1 | B Bell                                 |

| M   | Manual pull station         | FS  | Sprinkler flow switch   | В            | Bell                |
|-----|-----------------------------|-----|-------------------------|--------------|---------------------|
| HT  | Heat detector, fixed temp   | TS  | Sprinkler tamper switch | K            | Buzzer/suite buzzer |
| RHT | Heat detector, rate of rise | LA  | Low air pressure switch | C            | Chime               |
| S   | Smoke detector              | PS  | Alarm pressure switch   | $\mathbf{V}$ | Visual alarm        |
| DS  | Duct smoke detector         | SA  | Smoke alarm             | SP           | Loudspeaker         |
| K/V | Horn/strobe                 | AD  | Ancillary device        | ET           | Fire phone          |
| H   | Horn                        | EOL | End of line resistor    | GA           | General alarm       |

|     | Location              | Device | A  | В  | C     | D      | E        | F        | Remarks    |
|-----|-----------------------|--------|----|----|-------|--------|----------|----------|------------|
| 101 | 4ct M                 |        |    |    |       |        |          |          |            |
| 191 |                       | ma     |    |    |       |        | 1.65     |          |            |
| 192 | W unit kitchen        | TS     |    |    |       | 1      | 167      |          | 20         |
| 193 | T 4141                | FS     |    |    | 1     | 1      | 166      |          | 30 seconds |
| 194 | E unit kitchen        | TS     |    |    |       | 1      | 171      |          |            |
| 195 |                       | FS     |    |    | 1     | 1      | 170      |          | 25 seconds |
| 196 | N unit kitchen        | TS     |    |    |       | 1      | 169      |          |            |
| 197 |                       | FS     |    |    | 1     | 1      | 168      |          | 25 seconds |
| 198 |                       |        |    |    |       |        | 4.40     |          |            |
| 199 | Dry sprinkler         | TS     |    |    |       | 1      | 143      |          |            |
| 200 |                       | PS     |    |    | 1     | 1      | 142      |          |            |
| 201 |                       | LA     |    |    |       | 1      | 144      |          | 29 psi     |
| 202 |                       |        |    |    |       | _      |          |          |            |
| 203 | Isolation             | TS     |    |    |       | 1      | 147      |          |            |
| 204 |                       |        |    |    |       |        |          |          |            |
| 205 |                       |        |    |    |       |        |          |          |            |
| 206 |                       |        |    |    |       |        |          |          |            |
| 207 |                       |        |    |    |       |        |          |          |            |
| 208 |                       |        |    |    |       |        |          |          |            |
| 209 |                       |        |    |    |       |        |          |          |            |
| 210 |                       |        |    |    |       |        |          |          |            |
| 211 | By 224A               | K/V    |    |    | 1     |        |          |          |            |
| 212 | By 213                | K/V    |    |    | 1     |        |          |          |            |
| 213 |                       | K/V    |    |    | 1     |        |          |          |            |
| 214 |                       | K/V    |    |    | 1     |        |          |          |            |
| 215 |                       | K/V    |    |    | 1     |        |          |          |            |
| 216 |                       | K/V    |    |    | 1     |        |          |          |            |
| 217 | N200                  | K/V    |    |    | 1     |        |          |          |            |
| 218 | E200                  | K/V    |    |    | 1     |        |          |          |            |
| 219 | E207                  | K/V    |    |    | 1     |        |          |          |            |
| 220 | E100                  | K/V    |    |    | 1     |        |          |          |            |
| 221 | E107                  | K/V    |    |    | 1     |        |          |          |            |
| 222 | Hall by 101           | K/V    |    |    | 1     |        |          |          |            |
| 223 | N100                  | K/V    |    |    | 1     |        |          |          |            |
| 224 | N107                  | K/V    |    |    | 1     |        |          |          |            |
| 225 | W100                  | K/V    |    |    | 1     |        |          |          |            |
| 226 | W107                  | K/V    |    |    | 1     |        |          |          |            |
| 227 | By 101                | K/V    |    |    | 1     |        |          |          |            |
| 228 |                       | K/V    |    |    | 1     |        |          |          |            |
| 229 | By 016                | K/V    |    |    | 1     |        |          |          |            |
| 230 | 003                   | K/V    |    |    | 1     |        |          |          |            |
| 231 | 001                   | K/V    |    |    | 1     |        |          |          |            |
| 232 | 002                   | K/V    |    |    | 1     |        |          |          |            |
| 233 | 006                   | K/V    |    |    | 1     |        |          |          |            |
| 234 | 018                   | K/V    |    |    | 1     |        |          |          |            |
| 235 | Sprinkler room        | K/V    |    |    | 1     |        |          |          |            |
| 236 | <del></del>           |        |    |    |       |        |          |          |            |
| 237 |                       |        |    |    |       |        |          |          |            |
| 238 |                       |        |    |    |       |        |          | 1        |            |
| 239 |                       |        |    |    |       |        |          |          |            |
| 240 |                       |        |    |    |       |        |          |          |            |
| N.  | I Manual pull station |        | FS | Sr | rinkl | er flo | w switch | <u> </u> | B Bell     |

| M   | Manual pull station         | FS  | Sprinkler flow switch   | В            | Bell                |
|-----|-----------------------------|-----|-------------------------|--------------|---------------------|
| HT  | Heat detector, fixed temp   | TS  | Sprinkler tamper switch | K            | Buzzer/suite buzzer |
| RHT | Heat detector, rate of rise | LA  | Low air pressure switch | $\mathbf{C}$ | Chime               |
| S   | Smoke detector              | PS  | Alarm pressure switch   | $\mathbf{V}$ | Visual alarm        |
| DS  | Duct smoke detector         | SA  | Smoke alarm             | SP           | Loudspeaker         |
| K/V | Horn/strobe                 | AD  | Ancillary device        | ET           | Fire phone          |
| H   | Horn                        | EOL | End of line resistor    | GA           | General alarm       |

|                                   |  | Date of Service:<br>July 2017                | Time:<br>7:00am         |                                  |  |  |  |  |  |  |
|-----------------------------------|--|--|-------------------------|----------------------------------|--|--|--|--|--|--|
|                                   | ELATE  | Annual I                                     | nspection               | Last Service Date:<br>July 2016  |  |  |  |  |  |  |
|                                   | PROTECTION LTD   | Single Stage                                 | Two Stage               | Direct Connection  ⊠ yes □no     |  |  |  |  |  |  |
| Unit 1 – 33                       | 605 Maclure Road, Abbotsford, BC, V2S-7W2  |  |                         |                                  |  |  |  |  |  |  |
|                                   | Office – 1-877-850-0014  | Manufacturer:<br>Mircom                      |                         | Model #<br>1025T                 |  |  |  |  |  |  |
| Building Name:<br>Mission Minimum | m – A-1  | Contact Person:<br>Scott Verwold             | Phone:<br>604-820-5758  |                                  |  |  |  |  |  |  |
| Address:                          |  | Owner:                                       | Owner: Pho              |                                  |  |  |  |  |  |  |
| 33737 Dewdney City:               | Trunk Road Postal Code:  | Corrections Canada Fire Signal Receiving Cen | ntre:                   | 604-820-5758<br>Phone:           |  |  |  |  |  |  |
| Mission                           |  |  |                         | Acct:                            |  |  |  |  |  |  |
| "Ves"- Acc                        | eptable "No" - Unacceptable (Explain No answe  | ers in comments)                             |                         |                                  |  |  |  |  |  |  |
| Yes No                            |  | ummary                                       |                         |                                  |  |  |  |  |  |  |
|                                   |  |  |                         |                                  |  |  |  |  |  |  |
|                                   | The entire fire alarm system has been inspected and tested in accordance with CAN/ULC S536 |  |                         |                                  |  |  |  |  |  |  |
|                                   | The fire alarm system documentation is on site and includes a description of the system.   |  |                         |                                  |  |  |  |  |  |  |
|                                   | The fire alarm system is fully functional.   |  |                         |                                  |  |  |  |  |  |  |
|                                   | The fire alarm system has deficiencies noted.  |  |                         |                                  |  |  |  |  |  |  |
|                                   | A copy of this report is given to the Owner or the   | owner's representative.                      |                         |                                  |  |  |  |  |  |  |
|                                   | Technicians After-tes  | et Chacklist                                 |                         | ]                                |  |  |  |  |  |  |
|                                   | NA Reconnect time limit c  |  |                         |                                  |  |  |  |  |  |  |
|                                   | Reconnect ancillary fu   | nctions?                                     |                         |                                  |  |  |  |  |  |  |
|                                   |  | nctions (off site connection                 | ons)?                   |                                  |  |  |  |  |  |  |
|                                   | Reconnect signal power   |  |                         |                                  |  |  |  |  |  |  |
|                                   |  | t the testing is completed                   | ?                       |                                  |  |  |  |  |  |  |
|                                   | Ensure that the alarm s  | system is functional?                        |                         |                                  |  |  |  |  |  |  |
|                                   |  |  |                         |                                  |  |  |  |  |  |  |
| Commer                            | nts  |  |                         |                                  |  |  |  |  |  |  |
|                                   |  |  |                         |                                  |  |  |  |  |  |  |
|                                   |  |  |                         |                                  |  |  |  |  |  |  |
|                                   | SEE DEFIG  | CIENCY REPORT                                |                         |                                  |  |  |  |  |  |  |
|                                   |  |  |                         |                                  |  |  |  |  |  |  |
|                                   |  |  |                         |                                  |  |  |  |  |  |  |
|                                   |  |  |                         |                                  |  |  |  |  |  |  |
| Letate that the infe              | ormation on this form is correct at the time and place of my ins                           | nection, and that all aguinment              | was tested in conforman | ce with applicable codes and the |  |  |  |  |  |  |
|                                   | uirements and at this time was left in operational condition up                            |  |                         |                                  |  |  |  |  |  |  |
| Matt                              | Allen Amy – FP0669   | 7:00am                                       |                         |                                  |  |  |  |  |  |  |

Date

Time

Technician Stamp

Date: July 2017 Building Name: Mission Minimum – A1

"V" Yes - Tested correctly "X" No - Did not test correctly (Explain NO answers in comments) "NA" Not applicable

| 2.1         | Control Unit or Transponder Tests  | ✓            | Termination points from wiring to field devices secure          |
|-------------|--|--------------|---|
| ✓           | Power on visual indicator operates?  |              | 2.6 Annunciator & Remote Trouble Test & Inspection              |
| <b>√</b>    | Common visual trouble signal operates?   | Na           | Power on indicator operates?                                    |
|             | Common audible trouble signal operates?  | Na           | Individual alarm and supervisory input zone clearly             |
|             | Trouble signal silence switch operates?  | Na           | indicated and separately designated?                            |
|             | Main Power supply failure trouble signal operates?   | Na           | Individual alarm and supervisory zone labels identified?        |
|             | Ground fault tested on positive and negative trouble signal  | Na           | Common trouble signal operates?                                 |
| Na          | Alert signal operation operates?   | Na           | Visual indicator test - Lamp test operates?                     |
|             | Alarm signal operation operates?   | Na           | Input wiring from control unit/transponder is supervised?       |
| Na          | Automatic transfer from alert to alarm signal operates?  | Na           | Alarm signal silence visual indicator operates?                 |
| Na          | Manual transfer from alert signal to alarm signal operates?  | Na           | Switches for ancillary function operate as per design?          |
| Na          | Auto transfer from alert to alarm signal cancel operates   | Na           | Other ancillary function visual indicators operate?             |
| Na          | Alarm signal silence inhibit function operates?  | Na           | Manual activation of alarm signal and indication operates?      |
| <b>√</b>    | Alarm signal manual silence operates?  | Na           | Displays are visible in installed location operates?            |
| <del></del> | Alarm signal silence visual indication operates?   | Na           | Operates on emergency power?                                    |
| <u> </u>    | Alarm signal when silenced automatically reinitiates on  | <u> </u>     | 2.4 Power Supply Inspection                                     |
|             | subsequent alarm?  | <b>√</b>     | Fused with mfgs marked rating of the system?                    |
| Na          | Alarm signal silence automatic cut-out timer?  | <b>√</b>     | Adequate to meet the requirements of the system?                |
|             | Audible visual and alert and alarm signals programmed  |              | 2.8 Remote Trouble Signal Unit Test and Inspection              |
|             | and operate as per design & specification. (app C)   | Na           | Input wiring form control/transponder is supervised?            |
| <u> </u>    | Input circuit alarm and supervisory operation including  | Na           | Visual trouble signal operates?                                 |
|             | audible and visual indication operates?  | Na           | Audible trouble signal operates?                                |
| <u> </u>    | Input circuit supervision fault causes a trouble indication?   | Na           | Audible trouble signal silence operates?                        |
| <u> </u>    | Output circuit alarm indicators operate?   |              | 2.5 Emergency Power Supply Test and Inspection                  |
| <b>√</b>    | Output circuit supervision fault causes a trouble indication?  | <u>✓</u>     | Correct battery type as recommend by manufacturer?              |
| ✓           | Visual indicator test (lamp test)?   | <b>✓</b>     | Correct rating as determined by battery calculations            |
| Na          | Coded signal sequence operates not less than the required  |              | based on full system load?                                      |
|             | number of times and the correct alarm signal thereafter.   | ✓            | Battery voltage main power on?26.8 Vdc?                         |
| Na          | Coded signal sequences are not interrupted by  | <b>✓</b>     | Battery voltage and current with main power supply "off"        |
|             | subsequent alarms?   |              | and fire alarm in supervisory condition?                        |
| <u>√</u>    | Ancillary circuit by-pass will result in a trouble signal?   | ,            | Voltage26.2DC Current0.16A                                      |
| <del></del> | Input circuit to output circuit operation including  | <u>✓</u>     | Battery voltage and current with main power supply "off"        |
|             | ancillary device circuits, for correct program operation   |              | and fire alarm in full load alarm condition?                    |
| ✓           | as per design & spec. (App "C")  | ✓            | voltage 25.1 Vdc Current 0.54 A                                 |
| · ·         | Fire alarm Reset operates?   | <del>,</del> | Charging current is0.14A  |
| Na          | Main power to emergency power supply transfer operates?<br>Status change confirmation (smoke detectors) verified |              | Inspected for physical damage? Terminal cleaned and lubricated? |
| Na Na       | Receipt of alarm transmission to signal receiving center?  | <u>,</u>     | Terminal cleaned and horicated? Terminals clamped tightly?      |
| Na          | Receipt of supervisory trans to signal receiving center?   | Na           | Correct Electrolyte level?                                      |
| Na          | Receipt of supervisory trains to signal receiving center?  | Na           | Specific gravity within mfg specifications?                     |
|             | Operation of the fire signal receiving center disconnect   |              | Electrolyte leaks?  |
| <u> 11a</u> | results in a specific trouble indication at control unit?  |              | Adequately ventilated?  |
|             | 2.3 Control Unit or Transponder Inspection   |              | Battery mfg's date code or in-service date:2017                 |
| ✓           | Input circuit designations, correctly identified in relation   |              | Disconnection causes trouble signal?                            |
| <del></del> | to connected field devices   | Na           | Indicate type of Battery Test Performed?                        |
| ✓           | Output circuit designations correctly identified in relation   | Na           | (1) supervisory load for 24h followed by full load operation.   |
|             | to connected field devices.  | Na           | (2) silent test by using load resister method -App F1           |
| ✓           | Correct designations-common control functions / indicators   | Na           | (3) Silent accelerated test – App F2                            |
|             | Plugin components and modules securely in place?   | Na           | (4) A battery capacity meter test App F3                        |
|             | Plugin cables securely in place  | Na           | (5) In lieu of battery tests, replace with new set              |
| Na          | Record date, revision and version of Firmware & software   |              | having current date code, as per mfg                            |
| Na          | Date: Rev: Ver:  | ✓            | Record calculated battery capacity App F47.2A h                 |
| <u> </u>    | Clean and free of dust and dirt?   | <b>√</b>     | Record battery terminal voltage after testsV dc                 |
|             | Fuses in accordance with MFGs specification?   | <b>√</b>     | Battery voltage not less than 85% of its rating after tests.    |
|             | Control Unit or transponder lock functional?   |              | Generator provides power to the AC circuit for FA syst.         |
|             | Constant of authopolistic fock functional:   |              | conclusion provides power to the ric elleuit for 171 syst.      |

Inspection and Testing of Fire Alarm Systems
Building Name: Mission Minimum – A1 Date: July 2017

| "√"Y           | Yes - Tested correctly "X" No - Did not test correctly (Ex   | xplain NO                             |                           |                                       |  |
|----------------|--|---------------------------------------|---------------------------|---------------------------------------|--|
|                | 2.5 Emergency Power Supply Test and Inspection               |                                       |                           | ult and operation outside the shorted |  |
| Na             | Trouble condition at the em gen shall result in an audible   |                                       | section between each p    | pair of:                              |  |
|                | common trouble signal and a visual indication at the         | Na                                    | (i) Control unit to cont  | trol unit                             |  |
|                | required annunciator?  | Na                                    | (ii) Control unit to tran | nsponder                              |  |
|                | 2.7 Annunciator or Sequential Displays                       | Na                                    | (iii)Transponder to tra   | -                                     |  |
| Na             | Power on indicator operates?                                 |                                       |                           | ation Inspection/Tests                |  |
| Na             | Individual alarm, supervisory zone indication operates.      | Na                                    | Power "ON" operates?      |                                       |  |
| Na             | (Exception: operation of each individual alarm and           | Na                                    | Common visual troubl      |                                       |  |
|                | supervisory zone indication, or lights the identical         | Na                                    | Common audible troub      |                                       |  |
|                | indicators at the other annunciators and sequential display) | Na                                    | Trouble signal silence    |                                       |  |
|                |  | Na                                    |                           | ncluding visual indicator operates?   |  |
|                | Specify method of confirmation                               |                                       |                           |                                       |  |
| NI.            |  | Na                                    | -                         | ective voice paging including visual  |  |
| <u>Na</u>      | Minimum of 1 alarm zone and one supervisory zone tested      | NT.                                   | indication operates?      |                                       |  |
|                | per annunciator or sequential display to confirm operation.  | Na                                    |                           | ective voice paging trouble operation |  |
| Na             | Individual alarm and supervisory zone labels identified.     |                                       | including visual indica   |                                       |  |
| Na             | Common trouble signal operates?                              | Na                                    |                           | press to talk switch operates?        |  |
| Na             | Visual indicator test (lamp test) operates?                  | Na                                    |                           | ging does interfere with initial      |  |
| Na             | _ Input wiring form control unit/transponder supervised      |                                       | inhibit time of alert an  |                                       |  |
| Na             | _ Alarm signal silence visual indicator operates?            | Na                                    |                           | pperates on emergency power?          |  |
| na             | Switches for ancillary function operate as per design?       | Na                                    |                           | nplifier, system automatically        |  |
| Na             | Other ancillary functions visual indicators operate?         |                                       | transfers to backup am    | -                                     |  |
| Na             | Manual activation of alarm signal and indication operate?    | Na                                    | Circuits for emergency    | telephone call in operation           |  |
| Na             | Displays are visible in installed location?                  |                                       | including audible and     | visual indication operates            |  |
|                | 2.9 Printer Testing  | Na                                    | Circuits for emergency    | telephone for operation, including    |  |
| Na             | Operation as per design and specification?                   |                                       | two-way voice commu       | nication operates?                    |  |
| Na             | Zone of each alarm initiating device is correctly printed?   | Na                                    | Circuits for emergency    | telephones trouble operation          |  |
| Na             | Rated voltage is present?                                    | including visual indication operates? |                           |                                       |  |
|                | 2.10 Data Communication Link Test (DCL)                      | Na                                    | Emergency telephone       | verbal communication operates?        |  |
| Na             | Confirm that a trouble signal is receive at the control unit | Na                                    |                           |                                       |  |
|                | or transponder under an open loop fault for each DCL         |                                       |                           |                                       |  |
| Na             | Where fault isolation modules are installed in DCL serving   |                                       |                           |                                       |  |
|                | field devices, wiring shall be shorted on the isolated side, |                                       | 2.11 Ancillary Device     | Circuit Test                          |  |
|                | annunciation of the fault confirmed, and then a field        | Na                                    | Circuit –                 | confirmed                             |  |
|                | device on the source side shall be operated, and activation  | Na                                    | Circuit -                 | confirmed                             |  |
|                | confirmed at the control unit or transponder.                | Na                                    | Circuit -                 | confirmed                             |  |
| Na             | Where a fault isolation in DCL is provided between           | Na                                    | Circuit -                 | confirmed                             |  |
|                | control units/transponders and between                       |                                       |                           |                                       |  |
| Na             | Transponders, introduce a short circuit fault and confirm    |                                       |                           |                                       |  |
|                | Continued  |                                       |                           |                                       |  |
|                |  |                                       |                           |                                       |  |
|                |  |                                       |                           |                                       |  |
| <u>Additio</u> | onal Comments:   |                                       |                           |                                       |  |
|                |  |                                       |                           |                                       |  |
|                |  |                                       |                           |                                       |  |
|                |  |                                       |                           |                                       |  |
|                |  |                                       |                           |                                       |  |
|                |  |                                       |                           |                                       |  |
|                |  |                                       |                           |                                       |  |
|                |  |                                       |                           |                                       |  |
|                |  |                                       |                           |                                       |  |
|                |  |                                       |                           |                                       |  |
|                |  |                                       |                           |                                       |  |
|                |  |                                       |                           |                                       |  |
|                |  |                                       |                           |                                       |  |

|                  |   |   | Date of Service:                              | Time:                  |                              |  |  |  |  |  |
|------------------|---|---|---|------------------------|------------------------------|--|--|--|--|--|
|                  |   | ELITE   | July 2017  Annual In                          |                        | Last Service Date: July 2016 |  |  |  |  |  |
|                  |   | FURE  | Single Stage                                  | Two Stage              | Direct Connection            |  |  |  |  |  |
| Uni              | t 1 – 33  | PROTECTION LTD<br>605 Maclure Road, Abbotsford, BC, V2S-7W2       |   | ☐ yes ☐ no             |                              |  |  |  |  |  |
|                  |   | Office – 1-877-850-0014   | Manufacturer:<br>Mircom                       |                        | Model #<br>1025T             |  |  |  |  |  |
| Building         | g Name:<br>Minimu   | m - A - 2   | Contact Person:<br>Scott Verwold              |                        | Phone: 604-820-5758          |  |  |  |  |  |
| Address          | :   |   | Owner:  |                        | Phone:                       |  |  |  |  |  |
| 33737 D<br>City: | ewdney '  | Trunk Road Postal Code:   | Corrections Canada Fire Signal Receiving Cent | tro.                   | 604-820-5758<br>Phone:       |  |  |  |  |  |
| Mission          |   | i ustai Coue.   | The Signal Receiving Cent                     | ire.                   | Acct:                        |  |  |  |  |  |
| "Yes             | s"- Acc<br>No   | eptable "No" - Unacceptable (Explain No answe<br>Si               | rs in comments)                               |                        |                              |  |  |  |  |  |
|                  |   |   | •   |                        |                              |  |  |  |  |  |
|                  | The entire fire alarm system has been inspected and tested in accordance with CAN/ULC S536  |   |   |                        |                              |  |  |  |  |  |
| $\boxtimes$      | The fire alarm system documentation is on site and includes a description of the system.  |   |   |                        |                              |  |  |  |  |  |
|                  |   | The fire alarm system is fully functional.                        |   |                        |                              |  |  |  |  |  |
|                  | The fire alarm system has deficiencies noted.   |   |   |                        |                              |  |  |  |  |  |
| $\boxtimes$      |   | A copy of this report is given to the Owner or the                | owner's representative.                       |                        |                              |  |  |  |  |  |
|                  |   |   |   |                        | ٦                            |  |  |  |  |  |
|                  |   | NA Reconnect time limit or  |   |                        | _                            |  |  |  |  |  |
|                  |   | Reconnect time firmt co   |   |                        | +                            |  |  |  |  |  |
|                  |   |   | nctions (off site connection                  | ne)?                   | _                            |  |  |  |  |  |
|                  |   | Reconnect signal power  | 3   | 113):                  | -                            |  |  |  |  |  |
|                  |   |   | the testing is completed?                     |                        | -                            |  |  |  |  |  |
|                  |   | Ensure that the alarm s   |   |                        | -                            |  |  |  |  |  |
|                  |   |   | <del>,</del>                                  |                        | _                            |  |  |  |  |  |
|                  |   |   |   |                        |                              |  |  |  |  |  |
| Col              | mmer  | nts   |   |                        |                              |  |  |  |  |  |
|                  |   |   |   |                        |                              |  |  |  |  |  |
|                  |   |   |   |                        |                              |  |  |  |  |  |
|                  |   | SEE DEFIC   | CIENCY REPORT                                 |                        |                              |  |  |  |  |  |
|                  |   |   |   |                        |                              |  |  |  |  |  |
|                  |   |   |   |                        |                              |  |  |  |  |  |
|                  |   |   |   |                        |                              |  |  |  |  |  |
|                  |   |   |   |                        |                              |  |  |  |  |  |
|                  | I state that the information on this form is correct at the time and place of my inspection, and that all equipment was tested in conformance with applicable codes and the |   |   |                        |                              |  |  |  |  |  |
| Manufac          | turers rec  | quirements and at this time was left in operational condition upo | on completion of this inspection              | except as noted in com | ments.                       |  |  |  |  |  |
| 1                |   | Allen Amy – FP0669  |   |                        |                              |  |  |  |  |  |

July 2017

Date

7:00am

Time

Matthew Kowalenko – FP1093

Technician Stamp

Date: July 2017 Building Name: Mission Minimum – A2

"√" Yes - Tested correctly "X" No - Did not test correctly (Explain NO answers in comments) "NA" Not applicable

| 2.1          | Control Unit or Transponder Tests   | ✓            | Termination points from wiring to field devices secure          |
|--------------|---|--------------|---|
| ✓            | Power on visual indicator operates?   |              | 2.6 Annunciator & Remote Trouble Test & Inspection              |
| <b>√</b>     | Common visual trouble signal operates?  | Na           | Power on indicator operates?                                    |
|              | Common audible trouble signal operates?   | Na           | Individual alarm and supervisory input zone clearly             |
|              | Trouble signal silence switch operates?   | Na           | indicated and separately designated?                            |
|              | Main Power supply failure trouble signal operates?  | Na           | Individual alarm and supervisory zone labels identified?        |
|              | Ground fault tested on positive and negative trouble signal   | Na           | Common trouble signal operates?                                 |
| Na           | Alert signal operation operates?  | Na           | Visual indicator test - Lamp test operates?                     |
|              | Alarm signal operation operates?  | Na           | Input wiring from control unit/transponder is supervised?       |
| Na           | Automatic transfer from alert to alarm signal operates?   | Na           | Alarm signal silence visual indicator operates?                 |
| Na           | Manual transfer from alert signal to alarm signal operates?   | Na           | Switches for ancillary function operate as per design?          |
| Na           | Auto transfer from alert to alarm signal cancel operates  | Na           | Other ancillary function visual indicators operate?             |
| Na           | Alarm signal silence inhibit function operates?   | Na           | Manual activation of alarm signal and indication operates?      |
| <b>√</b>     | Alarm signal manual silence operates?   | Na           | Displays are visible in installed location operates?            |
| <del></del>  | Alarm signal silence visual indication operates?  | Na           | Operates on emergency power?                                    |
| <u> </u>     | Alarm signal when silenced automatically reinitiates on   | <u> </u>     | 2.4 Power Supply Inspection                                     |
|              | subsequent alarm?   | <b>√</b>     | Fused with mfgs marked rating of the system?                    |
| Na           | Alarm signal silence automatic cut-out timer?   | <b>✓</b>     | Adequate to meet the requirements of the system?                |
|              | Audible visual and alert and alarm signals programmed   |              | 2.8 Remote Trouble Signal Unit Test and Inspection              |
|              | and operate as per design & specification. (app C)  | Na           | Input wiring form control/transponder is supervised?            |
| <u> </u>     | Input circuit alarm and supervisory operation including   | Na           | Visual trouble signal operates?                                 |
|              | audible and visual indication operates?   | Na           | Audible trouble signal operates?                                |
| <u> </u>     | Input circuit supervision fault causes a trouble indication?  | Na           | Audible trouble signal silence operates?                        |
| <u> </u>     | Output circuit alarm indicators operate?  |              | 2.5 Emergency Power Supply Test and Inspection                  |
| <b>√</b>     | Output circuit supervision fault causes a trouble indication?   | <u>✓</u>     | Correct battery type as recommend by manufacturer?              |
| ✓            | Visual indicator test (lamp test)?  | <b>✓</b>     | Correct rating as determined by battery calculations            |
| Na           | Coded signal sequence operates not less than the required   |              | based on full system load?                                      |
|              | number of times and the correct alarm signal thereafter.  | ✓            | Battery voltage main power on?26.8 Vdc?                         |
| Na           | Coded signal sequences are not interrupted by   | <b>✓</b>     | Battery voltage and current with main power supply "off"        |
|              | subsequent alarms?  |              | and fire alarm in supervisory condition?                        |
| <u>√</u>     | Ancillary circuit by-pass will result in a trouble signal?  | ,            | Voltage26.2DC Current0.04A                                      |
| <del></del>  | Input circuit to output circuit operation including   | <u>✓</u>     | Battery voltage and current with main power supply "off"        |
|              | ancillary device circuits, for correct program operation  |              | and fire alarm in full load alarm condition?                    |
| ✓            | as per design & spec. (App "C")   | ./           | voltage 25.6 Vdc Current 0.30 A                                 |
| <del>'</del> | Fire alarm Reset operates?  | <del>/</del> | Charging current is0.22A  |
| Na Na        | Main power to emergency power supply transfer operates?   | <del>-</del> | Inspected for physical damage? Terminal cleaned and lubricated? |
| Na Na        | Status change confirmation (smoke detectors) verified   | <u>,</u>     |   |
|              | Receipt of alarm transmission to signal receiving center? Receipt of supervisory trans to signal receiving center?    | Na           | Terminals clamped tightly? Correct Electrolyte level?           |
| Na<br>Na     | Receipt of supervisory trans to signal receiving center?  Receipt of trouble transmission to signal receiving center? | Na           | Specific gravity within mfg specifications?                     |
|              | Operation of the fire signal receiving center disconnect  |              | Electrolyte leaks?  |
| <u> 11a</u>  | results in a specific trouble indication at control unit?   |              | Adequately ventilated?  |
|              | 2.3 Control Unit or Transponder Inspection  |              | Battery mfg's date code or in-service date:2013                 |
| ✓            | Input circuit designations, correctly identified in relation  |              | Disconnection causes trouble signal?                            |
| <del></del>  | to connected field devices  | Na           | Indicate type of Battery Test Performed?                        |
| ✓            | Output circuit designations correctly identified in relation  | Na           | (1) supervisory load for 24h followed by full load operation.   |
|              | to connected field devices.   | Na           | (2) silent test by using load resister method -App F1           |
| ✓            | Correct designations-common control functions / indicators  | Na           | (3) Silent accelerated test – App F2                            |
|              | Plugin components and modules securely in place?  | Na           | (4) A battery capacity meter test App F3                        |
|              | Plugin cables securely in place   | Na           | (5) In lieu of battery tests, replace with new set              |
| Na           | Record date, revision and version of Firmware & software  |              | having current date code, as per mfg                            |
| Na           | Date: Rev: Ver:   | ✓            | Record calculated battery capacity App F47.2A h                 |
| <u> </u>     | Clean and free of dust and dirt?  | <b>√</b>     | Record battery terminal voltage after testsV dc                 |
|              | Fuses in accordance with MFGs specification?  | <b>√</b>     | Battery voltage not less than 85% of its rating after tests.    |
|              | Control Unit or transponder lock functional?  |              | Generator provides power to the AC circuit for FA syst.         |
|              | Constant of authopolised fock functional:   |              | conclusion provides power to the ric elleuit for 171 syst.      |

Inspection and Testing of Fire Alarm Systems
Building Name: Mission Minimum – A2 Date: July 2017

| "√"Y     | Yes - Tested correctly "X" No - Did not test correctly (Ex   | plain NO  | answers in commen         | nts) "NA" Not applicable              |
|----------|--|-----------|---------------------------|---------------------------------------|
|          | 2.5 Emergency Power Supply Test and Inspection               |           | Annunciation of the far   | ult and operation outside the shorted |
| Na       | Trouble condition at the em gen shall result in an audible   |           | section between each p    | pair of:                              |
|          | common trouble signal and a visual indication at the         | Na        | (i) Control unit to cont  | rol unit                              |
|          | required annunciator?  | Na        | (ii) Control unit to tran | nsponder                              |
|          | 2.7 Annunciator or Sequential Displays                       | Na        | (iii)Transponder to tran  |                                       |
| ✓        | Power on indicator operates?                                 |           | 2.2 Voice Communica       | •                                     |
| <b>√</b> | Individual alarm, supervisory zone indication operates.      | Na        | Power "ON" operates?      |                                       |
| Na       | (Exception: operation of each individual alarm and           | Na        | Common visual trouble     |                                       |
|          | supervisory zone indication, or lights the identical         | Na        | Common audible troub      |                                       |
|          | indicators at the other annunciators and sequential display) | Na        | Trouble signal silence    |                                       |
|          | Specify method of confirmation                               | Na        |                           | ncluding visual indicator operates?   |
|          | Specify method of commination                                | Na        |                           |                                       |
| 1        |  |           |                           | ective voice paging including visual  |
|          | Minimum of 1 alarm zone and one supervisory zone tested      | NT.       | indication operates?      |                                       |
| ✓        | per annunciator or sequential display to confirm operation.  | Na        |                           | ective voice paging trouble operation |
| <u>,</u> | Individual alarm and supervisory zone labels identified.     | **        | including visual indica   |                                       |
|          | Common trouble signal operates?                              | <u>Na</u> |                           | press to talk switch operates?        |
| Na       | Visual indicator test (lamp test) operates?                  | Na        |                           | ging does interfere with initial      |
| <b>√</b> | _ Input wiring form control unit/transponder supervised      |           | inhibit time of alert and |                                       |
| ✓        | _ Alarm signal silence visual indicator operates?            | Na        |                           | perates on emergency power?           |
| na       | Switches for ancillary function operate as per design?       | Na        | •                         | nplifier, system automatically        |
| Na       | Other ancillary functions visual indicators operate?         |           | transfers to backup am    |                                       |
| Na       | Manual activation of alarm signal and indication operate?    | Na        |                           | telephone call in operation           |
| <u>√</u> | Displays are visible in installed location?                  |           | including audible and     | visual indication operates            |
|          | 2.9 Printer Testing  | Na        |                           | telephone for operation, including    |
| Na       | Operation as per design and specification?                   |           | two-way voice commu       | nication operates?                    |
| Na       | Zone of each alarm initiating device is correctly printed?   | Na        | Circuits for emergency    | telephones trouble operation          |
| Na       | Rated voltage is present?                                    |           | including visual indica   | tion operates?                        |
|          | 2.10 Data Communication Link Test (DCL)                      | Na        | Emergency telephone       | verbal communication operates?        |
| Na       | Confirm that a trouble signal is receive at the control unit | Na        | Emergency telephone       | operable or in-use tone at handset.   |
|          | or transponder under an open loop fault for each DCL         |           |                           |                                       |
| Na       | Where fault isolation modules are installed in DCL serving   |           |                           |                                       |
| ·        | field devices, wiring shall be shorted on the isolated side, |           | 2.11 Ancillary Device     | Circuit Test                          |
|          | annunciation of the fault confirmed, and then a field        | Na        | Circuit –                 | confirmed                             |
|          | device on the source side shall be operated, and activation  | Na        | Circuit –                 | confirmed                             |
|          | confirmed at the control unit or transponder.                | Na        | Circuit -                 | confirmed                             |
| Na       | Where a fault isolation in DCL is provided between           | Na        | Circuit -                 | confirmed                             |
|          | control units/transponders and between                       |           |                           |                                       |
| Na       | Transponders, introduce a short circuit fault and confirm    |           |                           |                                       |
|          | Continued  |           |                           |                                       |
| •        |  |           |                           |                                       |
|          |  |           |                           |                                       |
| Additio  | onal Comments:   |           |                           |                                       |
|          |  |           |                           |                                       |
|          |  |           |                           |                                       |
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|          |  |           |                           |                                       |
|          |  |           |                           |                                       |
|          |  |           |                           |                                       |

|                  |                    |   | Date of Service:                              | Time:                  |                              |  |
|------------------|--------------------|---|---|------------------------|------------------------------|--|
|                  |                    | ELITE   | July 2017  Annual In:                         |                        | Last Service Date: July 2016 |  |
|                  |                    | FURE  | Single Stage                                  | Two Stage              | Direct Connection            |  |
| Uni              | it 1 – 33          | PROTECTION LTD<br>3605 Maclure Road, Abbotsford, BC, V2S-7W2      |   |                        | □ yes □no                    |  |
|                  |                    | Office – 1-877-850-0014   | Manufacturer:<br>Mircom                       |                        | Model #<br>1025T             |  |
| Building         | g Name:<br>Minimu  | m – A-3   | Contact Person:<br>Scott Verwold              |                        | Phone: 604-820-5758          |  |
| Address          | s:                 |   | Owner:  |                        | Phone:                       |  |
| 33737 D<br>City: | ewdney             | Trunk Road Postal Code:   | Corrections Canada Fire Signal Receiving Cent | tro•                   | 604-820-5758<br>Phone:       |  |
| Mission          |                    | I ostai Couc.   | The Signal Receiving Cent                     | iic.                   | Acct:                        |  |
| "Yes             | s"- Acc<br>No      | eptable "No" - Unacceptable (Explain No answe<br>Si               | rs in comments)<br>ummary                     |                        |                              |  |
|                  |                    |   | •   |                        |                              |  |
|                  |                    | The entire fire alarm system has been inspected an                | nd tested in accordance wi                    | th CAN/ULC S530        | 5                            |  |
|                  | $\boxtimes$        | The fire alarm system documentation is on site an                 | d includes a description of                   | f the system.          |                              |  |
| $\boxtimes$      |                    | The fire alarm system is fully functional.                        |   |                        |                              |  |
| $\boxtimes$      |                    | The fire alarm system has deficiencies noted.                     |   |                        |                              |  |
|                  |                    | A copy of this report is given to the Owner or the                | owner's representative.                       |                        |                              |  |
|                  |                    |   |   |                        |                              |  |
|                  |                    | Technicians After-tes   |   |                        |                              |  |
|                  |                    | NA Reconnect time limit co  |   |                        |                              |  |
|                  |                    | Reconnect ancillary fur   |   |                        |                              |  |
|                  |                    |   | nctions (off site connection                  | ns)?                   |                              |  |
|                  |                    | Reconnect signal power  |   |                        | _                            |  |
|                  |                    |   | the testing is completed?                     |                        | _                            |  |
|                  |                    | Ensure that the alarm s   | ystem is functional?                          |                        | _                            |  |
|                  |                    |   |   |                        |                              |  |
| Co               | mmei               | nts   |   |                        |                              |  |
|                  |                    |   |   |                        |                              |  |
|                  |                    |   |   |                        |                              |  |
|                  |                    | SEE DEFIC   | CIENCY REPORT                                 |                        |                              |  |
|                  |                    |   |   |                        |                              |  |
|                  |                    |   |   |                        |                              |  |
|                  |                    |   |   |                        |                              |  |
|                  |                    |   |   |                        |                              |  |
|                  |                    | ormation on this form is correct at the time and place of my insp |   |                        |                              |  |
| Manufac          | cturers rec        | quirements and at this time was left in operational condition upo | on completion of this inspection              | except as noted in com | ments.                       |  |
|                  | Allen Amy – FP0669 |   |   |                        |                              |  |

July 2017

Date

7:00am

Time

Matthew Kowalenko – FP1093

Technician Stamp

Date: July 2017 Building Name: Mission Minimum – A3

"V" Yes - Tested correctly "X" No - Did not test correctly (Explain NO answers in comments) "NA" Not applicable

| 2.1         | Control Unit or Transponder Tests   | _ ✓          | Termination points from wiring to field devices secure          |
|-------------|---|--------------|---|
| ✓           | Power on visual indicator operates?   |              | 2.6 Annunciator & Remote Trouble Test & Inspection              |
| <b>√</b>    | Common visual trouble signal operates?  | Na           | Power on indicator operates?                                    |
|             | Common audible trouble signal operates?   | Na           | Individual alarm and supervisory input zone clearly             |
|             | Trouble signal silence switch operates?   | Na           | indicated and separately designated?                            |
|             | Main Power supply failure trouble signal operates?  | Na           | Individual alarm and supervisory zone labels identified?        |
|             | Ground fault tested on positive and negative trouble signal   | Na           | Common trouble signal operates?                                 |
| Na          | Alert signal operation operates?  | Na           | Visual indicator test - Lamp test operates?                     |
|             | Alarm signal operation operates?  | Na           | Input wiring from control unit/transponder is supervised?       |
| Na          | Automatic transfer from alert to alarm signal operates?   | Na           | Alarm signal silence visual indicator operates?                 |
| Na          | Manual transfer from alert signal to alarm signal operates?   | Na           | Switches for ancillary function operate as per design?          |
| Na          | Auto transfer from alert to alarm signal cancel operates  | Na           | Other ancillary function visual indicators operate?             |
| Na          | Alarm signal silence inhibit function operates?   | Na           | Manual activation of alarm signal and indication operates?      |
|             | Alarm signal manual silence operates?   | Na           | Displays are visible in installed location operates?            |
|             | Alarm signal silence visual indication operates?  | Na           | Operates on emergency power?                                    |
|             | Alarm signal when silenced automatically reinitiates on   |              | 2.4 Power Supply Inspection                                     |
|             | subsequent alarm?   | <b>√</b>     | Fused with mfgs marked rating of the system?                    |
| Na          | Alarm signal silence automatic cut-out timer?   | <b>√</b>     | Adequate to meet the requirements of the system?                |
| _ ✓         | Audible visual and alert and alarm signals programmed   |              | 2.8 Remote Trouble Signal Unit Test and Inspection              |
|             | and operate as per design & specification. (app C)  | Na           | Input wiring form control/transponder is supervised?            |
| <u> ✓</u>   | Input circuit alarm and supervisory operation including   | Na           | Visual trouble signal operates?                                 |
|             | audible and visual indication operates?   | Na           | Audible trouble signal operates?                                |
| <u>✓</u>    | Input circuit supervision fault causes a trouble indication?  | Na           | Audible trouble signal silence operates?                        |
| <u> </u>    | Output circuit alarm indicators operate?  |              | 2.5 Emergency Power Supply Test and Inspection                  |
| <u> ✓</u>   | Output circuit supervision fault causes a trouble indication?   | <u> </u>     | Correct battery type as recommend by manufacturer?              |
| <b>✓</b>    | Visual indicator test (lamp test)?  | <b>✓</b>     | Correct rating as determined by battery calculations            |
| Na          | Coded signal sequence operates not less than the required   |              | based on full system load?                                      |
|             | number of times and the correct alarm signal thereafter.  | <b>✓</b>     | Battery voltage main power on?26.4 Vdc?                         |
| Na          | Coded signal sequences are not interrupted by   | <u> </u>     | Battery voltage and current with main power supply "off"        |
| ,           | subsequent alarms?  |              | and fire alarm in supervisory condition?                        |
| <u>√</u>    | Ancillary circuit by-pass will result in a trouble signal?  |              | Voltage25.7DC Current0.04A                                      |
|             | Input circuit to output circuit operation including   | <u> </u>     | Battery voltage and current with main power supply "off"        |
|             | ancillary device circuits, for correct program operation  |              | and fire alarm in full load alarm condition?                    |
| ✓           | as per design & spec. (App "C")   | ./           | voltage 25.6 Vdc Current 0.30 A                                 |
| <u>,</u>    | Fire alarm Reset operates?  | <del>/</del> | Charging current is0.22A  |
| Na          | Main power to emergency power supply transfer operates?   |              | Inspected for physical damage? Terminal cleaned and lubricated? |
| Na Na       | Status change confirmation (smoke detectors) verified   | <u>,</u>     |   |
|             | Receipt of alarm transmission to signal receiving center? Receipt of supervisory trans to signal receiving center?    | Na           | Terminals clamped tightly? Correct Electrolyte level?           |
| Na<br>No    | Receipt of supervisory trans to signal receiving center?  Receipt of trouble transmission to signal receiving center? |              |   |
| Na<br>Na    | Operation of the fire signal receiving center disconnect  | Na<br>Na     | Specific gravity within mfg specifications? Electrolyte leaks?  |
|             | results in a specific trouble indication at control unit?   |              | Adequately ventilated?  |
|             | 2.3 Control Unit or Transponder Inspection  | <u>'</u>     | Battery mfg's date code or in-service date:2017                 |
| ✓           | Input circuit designations, correctly identified in relation  |              | Disconnection causes trouble signal?                            |
| <del></del> | to connected field devices  | Na           | Indicate type of Battery Test Performed?                        |
| ✓           | Output circuit designations correctly identified in relation  | Na           | (1) supervisory load for 24h followed by full load operation.   |
|             | to connected field devices.   | Na           | (2) silent test by using load resister method -App F1           |
| ✓           | Correct designations-common control functions / indicators  | Na           | (3) Silent accelerated test – App F2                            |
|             | Plugin components and modules securely in place?  | Na           | (4) A battery capacity meter test App F3                        |
|             | Plugin cables securely in place   | Na           | (5) In lieu of battery tests, replace with new set              |
| Na          | Record date, revision and version of Firmware & software  |              | having current date code, as per mfg                            |
| Na          | Date: Rev: Ver:   | ✓            | Record calculated battery capacity App F44.5A h                 |
|             | Clean and free of dust and dirt?  | <u>√</u>     | Record battery terminal voltage after testsV dc                 |
|             | Fuses in accordance with MFGs specification?  | <b>√</b>     | Battery voltage not less than 85% of its rating after tests.    |
|             | Control Unit or transponder lock functional?  | <u> </u>     | Generator provides power to the AC circuit for FA syst.         |
|             | Constant of transpolition fock functional:  |              | constator provides power to the ric elleuit for 171 syst.       |

Inspection and Testing of Fire Alarm Systems
Building Name: Mission Minimum – A3 Date: July 2017

| "√"Y          | es - Tested correctly "X" No - Did not test correctly (Ex    | plain NO |                             |                                      |
|---------------|--|----------|-----------------------------|--------------------------------------|
|               | 2.5 Emergency Power Supply Test and Inspection               |          |                             | lt and operation outside the shorted |
| Na            | Trouble condition at the em gen shall result in an audible   |          | section between each pa     |                                      |
|               | common trouble signal and a visual indication at the         | Na       | (i) Control unit to control | ol unit                              |
|               | required annunciator?  | Na       | (ii) Control unit to trans  | ponder                               |
|               | 2.7 Annunciator or Sequential Displays                       | Na       | (iii)Transponder to trans   | sponder                              |
| ✓             | Power on indicator operates?                                 |          | 2.2 Voice Communicat        | ion Inspection/Tests                 |
| ✓             | Individual alarm, supervisory zone indication operates.      | Na       | Power "ON" operates?        |                                      |
| Na            | (Exception: operation of each individual alarm and           | Na       | Common visual trouble       | signal operates?                     |
| ' <u>-</u>    | supervisory zone indication, or lights the identical         | Na       | Common audible trouble      | e signal operates?                   |
|               | indicators at the other annunciators and sequential display) | Na       | Trouble signal silence sy   | witch operates?                      |
|               | Specify method of confirmation                               | Na       | All call voice paging inc   | cluding visual indicator operates?   |
|               |  | Na       | Output circuits for selec   | tive voice paging including visual   |
| ✓             | Minimum of 1 alarm zone and one supervisory zone tested      |          | indication operates?        |                                      |
|               | per annunciator or sequential display to confirm operation.  | Na       | Output circuits for selec   | tive voice paging trouble operation  |
| ✓             | Individual alarm and supervisory zone labels identified.     |          | including visual indicati   | ion operates?                        |
| <b>√</b>      | Common trouble signal operates?                              | Na       | Microphone including p      | press to talk switch operates?       |
| Na            | Visual indicator test (lamp test) operates?                  | Na       | Operation of voice pagin    | ng does interfere with initial       |
| $\overline{}$ | Input wiring form control unit/transponder supervised        |          | inhibit time of alert and   |                                      |
| <b>√</b>      | Alarm signal silence visual indicator operates?              | Na       | All call voice paging op    | erates on emergency power?           |
| na            | Switches for ancillary function operate as per design?       | Na       |                             | olifier, system automatically        |
| Na            | Other ancillary functions visual indicators operate?         |          | transfers to backup amp     | lifier.                              |
| Na            | Manual activation of alarm signal and indication operate?    | Na       | Circuits for emergency t    | telephone call in operation          |
| <b>√</b>      | Displays are visible in installed location?                  |          | including audible and vi    | isual indication operates            |
|               | 2.9 Printer Testing  | Na       | Circuits for emergency t    | telephone for operation, including   |
| Na            | Operation as per design and specification?                   |          | two-way voice commun        | ication operates?                    |
| Na            | Zone of each alarm initiating device is correctly printed?   | Na       | Circuits for emergency t    | telephones trouble operation         |
| Na            | Rated voltage is present?                                    |          | including visual indicati   | ion operates?                        |
|               | 2.10 Data Communication Link Test (DCL)                      | Na       | Emergency telephone ve      | erbal communication operates?        |
| Na            | Confirm that a trouble signal is receive at the control unit | Na       | Emergency telephone of      | perable or in-use tone at handset.   |
|               | or transponder under an open loop fault for each DCL         |          |                             |                                      |
| Na            | Where fault isolation modules are installed in DCL serving   |          |                             |                                      |
|               | field devices, wiring shall be shorted on the isolated side, |          | 2.11 Ancillary Device (     | Circuit Test                         |
|               | annunciation of the fault confirmed, and then a field        | Na       | Circuit –                   | confirmed                            |
|               | device on the source side shall be operated, and activation  | Na       | Circuit –                   | confirmed                            |
|               | confirmed at the control unit or transponder.                | Na       | Circuit -                   | confirmed                            |
| Na            | Where a fault isolation in DCL is provided between           | Na       | Circuit -                   | confirmed                            |
|               | control units/transponders and between                       |          |                             |                                      |
| Na            | Transponders, introduce a short circuit fault and confirm    |          |                             |                                      |
|               | Continued  |          |                             |                                      |
| —<br>Additio  | onal Comments:   |          |                             |                                      |
|               |  |          |                             |                                      |
|               |  |          |                             |                                      |
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|               |  |          |                             |                                      |
|               |  |          |                             |                                      |

|                   |   | Date of Service:                         |                  | Time:            |                       |  |  |  |
|-------------------|---|--|------------------|------------------|-----------------------|--|--|--|
|                   | ELLTE   | July 2017 Annual                         | I Inspection     | 7:00am Last July | Service Date:<br>2016 |  |  |  |
|                   | PROTECTION LTD  | Single Stage                             | Two S            | tage             | Direct Connection     |  |  |  |
| <br>  Unit 1 = 33 |   | □ yes □no                                |                  |                  |                       |  |  |  |
| Omt 1 – 33        | 605 Maclure Road, Abbotsford, BC, V2S-7W2<br>Office – 1-877-850-0014  | Manufacturer:<br>Mircom                  |                  | Mod              | el#                   |  |  |  |
| Building Name:    |   |  |                  |                  |                       |  |  |  |
| Address:          | Minimum - A-4   Scott Verwold   604-820-5758   Owner:   Phone:  |  |                  |                  |                       |  |  |  |
| 33737 Dewdney T   | Trunk Road Postal Code:   | Corrections Canada Fire Signal Receiving | Contro           | 604-3<br>Phor    | 320-5758              |  |  |  |
| Mission           | Postal Code:  | Fire Signal Receiving                    | centre:          | Acct             |                       |  |  |  |
| "Yes"- Acce       | eptable "No" - Unacceptable (Explain No answe   | ers in comments)<br>ummary               |                  |                  | $\neg$                |  |  |  |
| 165 140           |   | ummai y                                  |                  |                  |                       |  |  |  |
|                   | The entire fire alarm system has been inspected a   | nd tested in accordance                  | with CAN/UL      | C S536           |                       |  |  |  |
|                   | The fire alarm system documentation is on site ar   | nd includes a descriptio                 | n of the system. |                  |                       |  |  |  |
|                   | The fire alarm system is fully functional.  |  |                  |                  |                       |  |  |  |
|                   | The fire alarm system has deficiencies noted.   |  |                  |                  |                       |  |  |  |
|                   | A copy of this report is given to the Owner or the  | owner's representative                   | 2.               |                  |                       |  |  |  |
|                   | Technicians After-tes   | et Chaeklist                             |                  |                  |                       |  |  |  |
|                   | NA Reconnect time limit c   |  |                  |                  |                       |  |  |  |
|                   | Reconnect ancillary fu  |  |                  |                  |                       |  |  |  |
|                   |   | nctions (off site connec                 | ctions)?         |                  |                       |  |  |  |
|                   | Reconnect signal power  | er?                                      |                  |                  |                       |  |  |  |
|                   |   | t the testing is complete                | ed?              |                  |                       |  |  |  |
|                   | Ensure that the alarm s   | system is functional?                    |                  |                  |                       |  |  |  |
|                   |   |  |                  |                  |                       |  |  |  |
| Commen            | its   |  |                  |                  |                       |  |  |  |
|                   |   |  |                  |                  |                       |  |  |  |
|                   |   |  |                  |                  |                       |  |  |  |
|                   | SEE DEFI  | CIENCY REPORT                            |                  |                  |                       |  |  |  |
|                   |   |  |                  |                  |                       |  |  |  |
|                   |   |  |                  |                  |                       |  |  |  |
|                   |   |  |                  |                  |                       |  |  |  |
| Tarasah (d. 1.0   |   |  |                  |                  | 111111-0              |  |  |  |
|                   | ormation on this form is correct at the time and place of my insuirements and at this time was left in operational condition up |  |                  |                  | incable codes and the |  |  |  |
|                   | Allen Amy – FP0669  | 2017 7:00an                              | _                |                  |                       |  |  |  |

Date

Time

Technician Stamp

Date: July 2017 Building Name: Mission Minimum – A4

"V" Yes - Tested correctly "X" No - Did not test correctly (Explain NO answers in comments) "NA" Not applicable

| 2.1   | Control Unit or Transponder Tests  | _ ✓          | Termination points from wiring to field devices secure          |
|---|--|--------------|---|
| ✓   | Power on visual indicator operates?  |              | 2.6 Annunciator & Remote Trouble Test & Inspection              |
| _   | Common visual trouble signal operates?   | Na           | Power on indicator operates?                                    |
| <b>√</b>                                      | Common audible trouble signal operates?  | Na           | Individual alarm and supervisory input zone clearly             |
|   | Trouble signal silence switch operates?  | Na           | indicated and separately designated?                            |
| _   | Main Power supply failure trouble signal operates?   | Na           | Individual alarm and supervisory zone labels identified?        |
| <b>√</b>                                      | Ground fault tested on positive and negative trouble signal  | Na           | Common trouble signal operates?                                 |
| Na  | Alert signal operation operates?   | Na           | Visual indicator test - Lamp test operates?                     |
| _   | Alarm signal operation operates?   | Na           | Input wiring from control unit/transponder is supervised?       |
| Na  | Automatic transfer from alert to alarm signal operates?  | Na           | Alarm signal silence visual indicator operates?                 |
| Na  | Manual transfer from alert signal to alarm signal operates?  | Na           | Switches for ancillary function operate as per design?          |
| Na  | Auto transfer from alert to alarm signal cancel operates   | Na           | Other ancillary function visual indicators operate?             |
| Na  | Alarm signal silence inhibit function operates?  | Na           | Manual activation of alarm signal and indication operates?      |
|   | Alarm signal manual silence operates?  | Na           | Displays are visible in installed location operates?            |
|   | Alarm signal silence visual indication operates?   | Na           | Operates on emergency power?                                    |
| Na  | Alarm signal when silenced automatically reinitiates on  |              | 2.4 Power Supply Inspection                                     |
|   | subsequent alarm?  | <b>√</b>     | Fused with mfgs marked rating of the system?                    |
| Na  | Alarm signal silence automatic cut-out timer?  | <b>√</b>     | Adequate to meet the requirements of the system?                |
| <u> ✓</u>                                     | Audible visual and alert and alarm signals programmed  |              | 2.8 Remote Trouble Signal Unit Test and Inspection              |
|   | and operate as per design & specification. (app C)   | Na           | Input wiring form control/transponder is supervised?            |
| <u> </u>                                      | Input circuit alarm and supervisory operation including  | Na           | Visual trouble signal operates?                                 |
|   | audible and visual indication operates?  | Na           | Audible trouble signal operates?                                |
| <u> </u>                                      | Input circuit supervision fault causes a trouble indication?   | Na           | Audible trouble signal silence operates?                        |
| <u> </u>                                      | Output circuit alarm indicators operate?   |              | 2.5 Emergency Power Supply Test and Inspection                  |
| <b>✓</b>                                      | Output circuit supervision fault causes a trouble indication?  | <u> </u>     | Correct battery type as recommend by manufacturer?              |
| Na  | Visual indicator test (lamp test)?   | <b>√</b>     | Correct rating as determined by battery calculations            |
| Na  | Coded signal sequence operates not less than the required  |              | based on full system load?                                      |
|   | number of times and the correct alarm signal thereafter.   | <b>✓</b>     | Battery voltage main power on?26.3 Vdc?                         |
| Na  | Coded signal sequences are not interrupted by  | <b>✓</b>     | Battery voltage and current with main power supply "off"        |
|   | subsequent alarms?   |              | and fire alarm in supervisory condition?                        |
| Na  | Ancillary circuit by-pass will result in a trouble signal?   | ,            | Voltage26.0DC Current0.18A                                      |
| <b>√</b>                                      | Input circuit to output circuit operation including  | <b>✓</b>     | Battery voltage and current with main power supply "off"        |
|   | ancillary device circuits, for correct program operation   |              | and fire alarm in full load alarm condition?                    |
| ✓   | as per design & spec. (App "C")  | ✓            | voltage 25.6 Vdc Current 0.62 A                                 |
| <u>,                                     </u> | Fire alarm Reset operates?   |              | Charging current is0.03A  |
| Na  | Main power to emergency power supply transfer operates?  Status change confirmation (smoke detectors) verified           |              | Inspected for physical damage? Terminal cleaned and lubricated? |
| Na  | Receipt of alarm transmission to signal receiving center?  | <del>'</del> | Terminals clamped tightly?                                      |
| Na  | Receipt of adam transmission to signal receiving center?  Receipt of supervisory trans to signal receiving center?       | Na           | Correct Electrolyte level?                                      |
| Na  | Receipt of supervisory transitions signal receiving center?  Receipt of trouble transmission to signal receiving center? | Na           | Specific gravity within mfg specifications?                     |
|   | Operation of the fire signal receiving center disconnect   |              | Electrolyte leaks?  |
|   | results in a specific trouble indication at control unit?  | <u>-1\u_</u> | Adequately ventilated?  |
|   | 2.3 Control Unit or Transponder Inspection   | <u>√</u>     | Battery mfg's date code or in-service date:2013                 |
| ✓   | Input circuit designations, correctly identified in relation   | <u>√</u>     | Disconnection causes trouble signal?                            |
|   | to connected field devices   | Na           | Indicate type of Battery Test Performed?                        |
| ✓   | Output circuit designations correctly identified in relation   | Na           | (1) supervisory load for 24h followed by full load operation.   |
| -   | to connected field devices.  | Na           | (2) silent test by using load resister method -App F1           |
| ✓   | Correct designations-common control functions / indicators   | Na           | (3) Silent accelerated test – App F2                            |
|   | Plugin components and modules securely in place?   | Na           | (4) A battery capacity meter test App F3                        |
|   | Plugin cables securely in place  | Na           | (5) In lieu of battery tests, replace with new set              |
| Na  | Record date, revision and version of Firmware & software   |              | having current date code, as per mfg                            |
| Na  | Date: Rev: Ver:  | ✓            | Record calculated battery capacity App F47.2A h                 |
| <u> </u>                                      | Clean and free of dust and dirt?   | <u>√</u>     | Record battery terminal voltage after testsV dc                 |
| _   | Fuses in accordance with MFGs specification?   | <u>√</u>     | Battery voltage not less than 85% of its rating after tests.    |
| _   | Control Unit or transponder lock functional?   |              | Generator provides power to the AC circuit for FA syst.         |
|   | Smi of manaponeer took functional.   |              | provides power to the rice encurrent 111 by bt.                 |

Inspection and Testing of Fire Alarm Systems
Building Name: Mission Minimum – A4 Date: July 2017

| "√"Y     | es - Tested correctly "X" No - Did not test correctly (Ex    | plain NO  | answers in commen           | ts) "NA" Not applicable               |
|----------|--|-----------|-----------------------------|---------------------------------------|
|          | 2.5 Emergency Power Supply Test and Inspection               |           | Annunciation of the fau     | alt and operation outside the shorted |
| Na       | Trouble condition at the em gen shall result in an audible   |           | section between each p      | air of:                               |
|          | common trouble signal and a visual indication at the         | Na        | (i) Control unit to control | rol unit                              |
|          | required annunciator?  | Na        | (ii) Control unit to trans  | sponder                               |
|          | 2.7 Annunciator or Sequential Displays                       | Na        | (iii)Transponder to tran    |                                       |
| ✓        | Power on indicator operates?                                 |           | 2.2 Voice Communica         | •                                     |
| <b>√</b> | Individual alarm, supervisory zone indication operates.      | Na        | Power "ON" operates?        |                                       |
| Na       | (Exception: operation of each individual alarm and           | Na        | Common visual trouble       |                                       |
|          | supervisory zone indication, or lights the identical         | Na        | Common audible troub        |                                       |
|          | indicators at the other annunciators and sequential display) | Na        |                             |                                       |
|          |  |           | Trouble signal silence s    |                                       |
|          | Specify method of confirmation                               | Na<br>Na  |                             | acluding visual indicator operates?   |
| ./       |  | Na        |                             | ctive voice paging including visual   |
|          | Minimum of 1 alarm zone and one supervisory zone tested      |           | indication operates?        |                                       |
| ,        | per annunciator or sequential display to confirm operation.  | Na        |                             | ctive voice paging trouble operation  |
| <u>√</u> | Individual alarm and supervisory zone labels identified.     |           | including visual indicat    |                                       |
| ✓        | Common trouble signal operates?                              | <u>Na</u> |                             | press to talk switch operates?        |
| Na       | Visual indicator test (lamp test) operates?                  | Na        |                             | ing does interfere with initial       |
| <b>√</b> | Input wiring form control unit/transponder supervised        |           | inhibit time of alert and   | l alarm signal?                       |
| ✓        | Alarm signal silence visual indicator operates?              | Na        |                             | perates on emergency power?           |
| na       | Switches for ancillary function operate as per design?       | Na        | Upon failure of one am      | plifier, system automatically         |
| Na       | Other ancillary functions visual indicators operate?         |           | transfers to backup amp     | olifier.                              |
| Na       | Manual activation of alarm signal and indication operate?    | Na        | Circuits for emergency      | telephone call in operation           |
| <b>√</b> | Displays are visible in installed location?                  |           |                             | visual indication operates            |
|          | 2.9 Printer Testing  | Na        |                             | telephone for operation, including    |
| Na       | Operation as per design and specification?                   |           | two-way voice commun        |                                       |
| Na       | Zone of each alarm initiating device is correctly printed?   | Na        | •                           | telephones trouble operation          |
| Na       | Rated voltage is present?                                    |           | including visual indicat    |                                       |
|          | 2.10 Data Communication Link Test (DCL)                      | Na        |                             | verbal communication operates?        |
| Na       | Confirm that a trouble signal is receive at the control unit | Na        |                             | operable or in-use tone at handset.   |
|          | or transponder under an open loop fault for each DCL         |           | Emergency telephone o       | peruote of in use tone at handset.    |
| Na       | Where fault isolation modules are installed in DCL serving   |           |                             |                                       |
|          | field devices, wiring shall be shorted on the isolated side, |           | 2.11 Ancillary Device       | Circuit Tost                          |
|          | annunciation of the fault confirmed, and then a field        | Na        | Circuit –                   | confirmed                             |
|          | device on the source side shall be operated, and activation  | Na        | Circuit –                   | confirmed                             |
|          | confirmed at the control unit or transponder.                | Na        | Circuit –                   | confirmed                             |
| No       |  | Na        |                             | confirmed                             |
| Na       | Where a fault isolation in DCL is provided between           |           | Circuit –                   | commined                              |
| NI       | control units/transponders and between                       |           |                             |                                       |
| Na       | Transponders, introduce a short circuit fault and confirm    |           |                             |                                       |
|          | Continued  |           |                             |                                       |
|          |  |           |                             |                                       |
| Additio  | nal Comments:  |           |                             |                                       |
|          |  |           |                             |                                       |
|          |  |           |                             |                                       |
|          |  |           |                             |                                       |
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|          |  |           |                             |                                       |
|          |  |           |                             |                                       |
|          |  |           |                             |                                       |

|                                  | 4  |  | Date of S              |                                    |            | Time:                |                 |                   |
|----------------------------------|--|--|------------------------|------------------------------------|------------|----------------------|-----------------|-------------------|
|                                  | FLIT   | F  | July 2017              | Annual Insp                        | pection    | 7:00am               |                 | vice Date:        |
|                                  | FIRE   |  |                        | <u> </u>                           | TD (       | 74                   | July 2010       | ect Connection    |
| Unit 1 – 33                      | PROTECTION<br>605 Maclure Road, Abbots                                   | Sin  | gle Stage              | Two S                              | Stage<br>] |                      | yes  no         |                   |
|                                  | Office – 1-877-850-0   | Manufac<br>Edwards                             |                        |                                    |            | Model #<br>Fireshiel | d               |                   |
| Building Name:<br>Mission Minimu | m = A-5  |  | Contact 1<br>Scott Ver |                                    |            |                      | Phone: 604-820- | 5758              |
| Address:                         |  |  | Owner:                 | word                               |            |                      | Phone:          | 3736              |
| 33737 Dewdney 7                  |  | stal Code:                                     |                        | ons Canada<br>nal Receiving Centro |            |                      | 604-820-        | 5758              |
| Mission                          | ro   | stat Code:                                     | Fire Sigi              | iai Receiving Centre               | е:         |                      | Acct:           |                   |
| "Yes"- Acco                      | eptable "No" - Unaccepta   |  | ers in comr<br>Summary | nents)                             |            |                      |                 |                   |
| '                                |  |  | v                      |                                    |            |                      |                 |                   |
|                                  | The entire fire alarm syst   | em has been inspected a                        | and tested in          | accordance with                    | n CAN/UI   | LC S536              |                 |                   |
|                                  | The fire alarm system do   | cumentation is on site a                       | nd includes            | a description of t                 | the system | 1.                   |                 |                   |
|                                  | The fire alarm system is fully functional.                               |  |                        |                                    |            |                      |                 |                   |
|                                  | The fire alarm system has  | deficiencies noted.                            |                        |                                    |            |                      |                 |                   |
|                                  | A copy of this report is g   | ven to the Owner or the                        | e owner's re           | presentative.                      |            |                      |                 |                   |
|                                  |  | Technicians After-te                           | est Checklis           | t                                  |            |                      |                 |                   |
|                                  | NA   | Reconnect time limit of                        |                        |                                    |            |                      |                 |                   |
|                                  |  | Reconnect ancillary fu                         |                        |                                    |            |                      |                 |                   |
|                                  | NA NA  | Reconnect ancillary fu                         |                        | f site connections                 | s)?        |                      |                 |                   |
|                                  |  | Reconnect signal pow<br>Advise fire department |                        | r is completed?                    |            |                      |                 |                   |
|                                  |  | Ensure that the alarm                          |                        | <u> </u>                           |            |                      |                 |                   |
|                                  |  | Enoure that the diarin                         | by stelli is ru        | netronar.                          |            |                      |                 |                   |
| Commer                           | nts  |  |                        |                                    |            |                      |                 |                   |
|                                  |  |  |                        |                                    |            |                      |                 |                   |
|                                  |  |  |                        |                                    |            |                      |                 |                   |
|                                  |  | SEE DEFI                                       | CIENCY                 | REPORT                             |            |                      |                 |                   |
|                                  |  | SEE BEIT                                       | CILITOI                | REI OILI                           |            |                      |                 |                   |
|                                  |  |  |                        |                                    |            |                      |                 |                   |
|                                  |  |  |                        |                                    |            |                      |                 |                   |
|                                  |  |  |                        |                                    |            |                      |                 |                   |
|                                  | ormation on this form is correct a<br>quirements and at this time was le |  |                        |                                    |            |                      |                 | ble codes and the |
|                                  | `  | 1  |                        |                                    | 1          |                      |                 |                   |
| Mat                              | Allen Amy – FP0669<br>hew Kowalenko – FP1093                             | July 2   | 2017                   | 7:00am                             |            |                      |                 |                   |

Time

Date

Technician Stamp

Date: July 2017 Building Name: Mission Minimum – A5

"√" Yes - Tested correctly "X" No - Did not test correctly (Explain NO answers in comments) "NA" Not applicable

| 2.1          | Control Unit or Transponder Tests  | ✓            | Termination points from wiring to field devices secure        |
|--------------|--|--------------|---|
| ✓            | Power on visual indicator operates?  |              | 2.6 Annunciator & Remote Trouble Test & Inspection            |
| <u> </u>     | Common visual trouble signal operates?   | Na           | Power on indicator operates?                                  |
| <u> </u>     | Common audible trouble signal operates?  | Na           | Individual alarm and supervisory input zone clearly           |
| <u> </u>     | Trouble signal silence switch operates?  | Na           | indicated and separately designated?                          |
| <u> </u>     | Main Power supply failure trouble signal operates?   | Na           | Individual alarm and supervisory zone labels identified?      |
| <u> </u>     | Ground fault tested on positive and negative trouble signal  | Na           | Common trouble signal operates?                               |
| Na           | Alert signal operation operates?   | Na           | Visual indicator test - Lamp test operates?                   |
| <u> </u>     | Alarm signal operation operates?   | Na           | Input wiring from control unit/transponder is supervised?     |
| Na           | Automatic transfer from alert to alarm signal operates?  | Na           | Alarm signal silence visual indicator operates?               |
| Na           | Manual transfer from alert signal to alarm signal operates?  | Na           | Switches for ancillary function operate as per design?        |
| Na           | Auto transfer from alert to alarm signal cancel operates   | Na           | Other ancillary function visual indicators operate?           |
| Na           | Alarm signal silence inhibit function operates?  | Na           | Manual activation of alarm signal and indication operates?    |
| <b>√</b>     | Alarm signal manual silence operates?  | Na           | Displays are visible in installed location operates?          |
| <u> </u>     | Alarm signal silence visual indication operates?   | Na           | Operates on emergency power?                                  |
| Na           | Alarm signal when silenced automatically reinitiates on  |              | 2.4 Power Supply Inspection                                   |
|              | subsequent alarm?  | <b>√</b>     | Fused with mfgs marked rating of the system?                  |
| Na           | Alarm signal silence automatic cut-out timer?  | <b>√</b>     | Adequate to meet the requirements of the system?              |
|              | Audible visual and alert and alarm signals programmed  |              | 2.8 Remote Trouble Signal Unit Test and Inspection            |
|              | and operate as per design & specification. (app C)   | Na           | Input wiring form control/transponder is supervised?          |
| <u> </u>     | Input circuit alarm and supervisory operation including  | Na           | Visual trouble signal operates?                               |
|              | audible and visual indication operates?  | Na           | Audible trouble signal operates?                              |
|              | Input circuit supervision fault causes a trouble indication?   | Na           | Audible trouble signal silence operates?                      |
| <u> </u>     | Output circuit alarm indicators operate?   |              | 2.5 Emergency Power Supply Test and Inspection                |
| <b>✓</b>     | Output circuit supervision fault causes a trouble indication?  | <u>✓</u>     | Correct battery type as recommend by manufacturer?            |
| Na           | Visual indicator test (lamp test)?   | <b>✓</b>     | Correct rating as determined by battery calculations          |
| Na           | Coded signal sequence operates not less than the required  |              | based on full system load?                                    |
|              | number of times and the correct alarm signal thereafter.   | <b>✓</b>     | Battery voltage main power on?27.4 Vdc?                       |
| Na           | Coded signal sequences are not interrupted by  | <b>✓</b>     | Battery voltage and current with main power supply "off"      |
|              | subsequent alarms?   |              | and fire alarm in supervisory condition?                      |
| <u>Na</u>    | Ancillary circuit by-pass will result in a trouble signal?   | ,            | Voltage27.1DC Current0.23A                                    |
|              | Input circuit to output circuit operation including  | <u>✓</u>     | Battery voltage and current with main power supply "off"      |
|              | ancillary device circuits, for correct program operation   |              | and fire alarm in full load alarm condition?                  |
| ✓            | as per design & spec. (App "C")  | ✓            | voltage 26.8 Vdc Current 0.31 A                               |
| <del>'</del> | Fire alarm Reset operates?   |              | Charging current is0.04A                                      |
| Na Na        | Main power to emergency power supply transfer operates?  |              | Inspected for physical damage?                                |
|              | Status change confirmation (smoke detectors) verified  | <del></del>  | Terminal cleaned and lubricated?                              |
| Na<br>No     | Receipt of alarm transmission to signal receiving center?  |              | Terminals clamped tightly?                                    |
| Na<br>Na     | Receipt of supervisory trans to signal receiving center?   | Na<br>Na     | Correct Electrolyte level?                                    |
| Na<br>No     | Receipt of trouble transmission to signal receiving center?  | Na<br>Na     | Specific gravity within mfg specifications?                   |
| <u>Na</u>    | Operation of the fire signal receiving center disconnect results in a specific trouble indication at control unit? | Na           | Electrolyte leaks? Adequately ventilated?                     |
|              | •  |              | Battery mfg's date code or in-service date:2017               |
| ✓            | <b>2.3 Control Unit or Transponder Inspection</b> Input circuit designations, correctly identified in relation     |              | Disconnection causes trouble signal?                          |
|              | to connected field devices   | Na           | Indicate type of Battery Test Performed?                      |
| ✓            | Output circuit designations correctly identified in relation   | Na           | (1) supervisory load for 24h followed by full load operation. |
|              | to connected field devices.  | Na           | (2) silent test by using load resister method -App F1         |
| ✓            | Correct designations-common control functions / indicators   | Na           | (3) Silent accelerated test – App F2                          |
|              | Plugin components and modules securely in place?   | Na           | (4) A battery capacity meter test App F3                      |
| · ·          | Plugin components and modules securely in place?  Plugin cables securely in place                                  | Na Na        | (5) In lieu of battery tests, replace with new set            |
| Na           | Record date, revision and version of Firmware & software   |              | having current date code, as per mfg                          |
| Na           | Date: Rev: Ver:  | ✓            | Record calculated battery capacity App F44.5A h               |
|              | Clean and free of dust and dirt?   | <del>-</del> | Record battery terminal voltage after testsV dc               |
|              | Fuses in accordance with MFGs specification?   | <u> </u>     | Battery voltage not less than 85% of its rating after tests.  |
|              | Control Unit or transponder lock functional?   |              | Generator provides power to the AC circuit for FA syst.       |
| *            | Control Onit of transpolitic fock functional:  | -            | Generator provides power to the AC cheuit for l'A syst.       |

Inspection and Testing of Fire Alarm Systems
Building Name: Mission Minimum – A5 Date: July 2017

|               | <u>Yes - Tested correctly "X" No - Did not test correctly (Extended in 1988)</u> 2.5 Emergency Power Supply Test and Inspection | <u> </u>  |   | It and operation outside the shorted |  |  |
|---------------|---|-----------|---|--------------------------------------|--|--|
| Na            | Trouble condition at the em gen shall result in an audible  |           | section between each pa                             |                                      |  |  |
| - INA         |   | NT.       | •   |                                      |  |  |
|               | common trouble signal and a visual indication at the  | <u>Na</u> | (i) Control unit to control                         |                                      |  |  |
|               | required annunciator?   | Na        | (ii) Control unit to trans                          | •                                    |  |  |
| ,             | 2.7 Annunciator or Sequential Displays  | Na        | _ ( )   |                                      |  |  |
| <b>√</b>      | Power on indicator operates?  |           | 2.2 Voice Communication Inspection/Tests            |                                      |  |  |
| <b>√</b>      | Individual alarm, supervisory zone indication operates.   | Na        | Power "ON" operates?                                |                                      |  |  |
| Na            | (Exception: operation of each individual alarm and  | Na        | Common visual trouble                               | signal operates?                     |  |  |
|               | supervisory zone indication, or lights the identical  | Na        | Common audible trouble                              | e signal operates?                   |  |  |
|               | indicators at the other annunciators and sequential display)  | Na        | Trouble signal silence sy                           | witch operates?                      |  |  |
|               | Specify method of confirmation  | Na        |   | cluding visual indicator operates?   |  |  |
|               | 1 7   | Na        |   | tive voice paging including visual   |  |  |
| ✓             | Minimum of 1 alarm zone and one supervisory zone tested   |           | indication operates?                                |                                      |  |  |
|               | per annunciator or sequential display to confirm operation.   | Na        |   | tive voice paging trouble operation  |  |  |
| ✓             | Individual alarm and supervisory zone labels identified.  |           | including visual indicati                           |                                      |  |  |
| $\overline{}$ | Common trouble signal operates?   | Na        | ~   | oress to talk switch operates?       |  |  |
| Na            | Visual indicator test (lamp test) operates?   | Na        |   |                                      |  |  |
|               | Input wiring form control unit/transponder supervised   |           | inhibit time of alert and                           | ng does interfere with initial       |  |  |
| <del>'</del>  |   | NI.       |   |                                      |  |  |
|               | Alarm signal silence visual indicator operates?   | <u>Na</u> |   | erates on emergency power?           |  |  |
| na            | Switches for ancillary function operate as per design?  | Na        |   | olifier, system automatically        |  |  |
| Na            | Other ancillary functions visual indicators operate?  |           | transfers to backup ampl                            |                                      |  |  |
| Na            | Manual activation of alarm signal and indication operate?   | Na        |   |                                      |  |  |
| ✓             | Displays are visible in installed location?   |           | including audible and visual indication operates    |                                      |  |  |
|               | 2.9 Printer Testing   | Na        |   |                                      |  |  |
| Na            | Operation as per design and specification?  |           | two-way voice communication operates?               |                                      |  |  |
| Na            | Zone of each alarm initiating device is correctly printed?  | Na        | Circuits for emergency telephones trouble operation |                                      |  |  |
| Na            | Rated voltage is present?   |           | including visual indication operates?               |                                      |  |  |
|               | 2.10 Data Communication Link Test (DCL)   | Na        | Emergency telephone ve                              | erbal communication operates?        |  |  |
| Na            | Confirm that a trouble signal is receive at the control unit  | Na        | Emergency telephone or                              | perable or in-use tone at handset.   |  |  |
|               | or transponder under an open loop fault for each DCL  |           |   |                                      |  |  |
| Na            | Where fault isolation modules are installed in DCL serving  |           |   |                                      |  |  |
| · ·           | field devices, wiring shall be shorted on the isolated side,  |           | 2.11 Ancillary Device (                             | Circuit Test                         |  |  |
|               | annunciation of the fault confirmed, and then a field   | Na        | Circuit –   | confirmed                            |  |  |
|               | device on the source side shall be operated, and activation   | Na        | Circuit –   | confirmed                            |  |  |
|               | confirmed at the control unit or transponder.   | Na        | Circuit –   | confirmed                            |  |  |
| Na            | Where a fault isolation in DCL is provided between  | Na        | Circuit –   | confirmed                            |  |  |
|               | control units/transponders and between  |           | •   |                                      |  |  |
| Na            | Transponders, introduce a short circuit fault and confirm   |           |   |                                      |  |  |
|               | Continued   |           |   |                                      |  |  |
|               | Continucu   |           |   |                                      |  |  |
|               |   |           |   |                                      |  |  |
| <u>dditio</u> | onal Comments:  |           |   |                                      |  |  |
|               |   |           |   |                                      |  |  |
|               |   |           |   |                                      |  |  |
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|               |   |           |   |                                      |  |  |
|               |   |           |   |                                      |  |  |

|   |  |                               | 1                 |                                 |  |  |  |
|---|--|-------------------------------|-------------------|---------------------------------|--|--|--|
|   |  | Date of Service:<br>July 2017 | Time: 7:00am      |                                 |  |  |  |
|   | ELACE  | Annual Ins                    |                   | Last Service Date:<br>July 2016 |  |  |  |
|   | PROTECTION LTD   | Single Stage                  | Two Stage         | Direct Connection               |  |  |  |
| Unit 1 – 3  | 3605 Maclure Road, Abbotsford, BC, V2S-7W2   |                               |                   | □ yes □no                       |  |  |  |
|   | Office – 1-877-850-0014  | Manufacturer:<br>Mircom       |                   | Model #<br>F/A265               |  |  |  |
| Building Name:  |  | Contact Person:               |                   | Phone:                          |  |  |  |
| Mission Minimum – A-6 Scott Verwold 604-820- Address: Owner: Phone: |  |                               |                   |                                 |  |  |  |
| 33737 Dewdney   |  | Corrections Canada            |                   | 604-820-5758                    |  |  |  |
| City:<br>Mission  | Postal Code:   | Fire Signal Receiving Centr   | e:                | Phone:<br>Acct:                 |  |  |  |
| "Yes"- Acc  | eptable "No" - Unacceptable (Explain No answe<br>Su  | rs in comments)               |                   |                                 |  |  |  |
| 105   1(0   |  |                               |                   |                                 |  |  |  |
|   | The entire fire alarm system has been inspected an   | nd tested in accordance wit   | h CAN/ULC S536    |                                 |  |  |  |
|   | The fire alarm system documentation is on site an  | d includes a description of   | the system.       |                                 |  |  |  |
|   | The fire alarm system is fully functional.   |                               |                   |                                 |  |  |  |
|   | The fire alarm system has deficiencies noted.  |                               |                   |                                 |  |  |  |
|   | A copy of this report is given to the Owner or the   | owner's representative.       |                   |                                 |  |  |  |
|   | Technicians After-tes  | t Charlist                    |                   |                                 |  |  |  |
|   | NA Reconnect time limit or   |                               |                   |                                 |  |  |  |
|   | Reconnect ancillary fur  |                               |                   |                                 |  |  |  |
|   |  | nctions (off site connection  | s)?               |                                 |  |  |  |
|   | Reconnect signal power   |                               | ,                 |                                 |  |  |  |
|   | Advise fire department   | the testing is completed?     |                   |                                 |  |  |  |
|   | Ensure that the alarm s  | ystem is functional?          |                   |                                 |  |  |  |
|   |  |                               |                   |                                 |  |  |  |
| Comme   | nts  |                               |                   |                                 |  |  |  |
|   |  |                               |                   |                                 |  |  |  |
|   |  |                               |                   |                                 |  |  |  |
|   | SEE DEFIC  | CIENCY REPORT                 |                   |                                 |  |  |  |
|   |  |                               |                   |                                 |  |  |  |
|   |  |                               |                   |                                 |  |  |  |
|   |  |                               |                   |                                 |  |  |  |
| Latata that the   | compation on this form is compated the time and allowed.   | postion, and that all ai      | os tostad in sonf | with applicable codes 44        |  |  |  |
|   | ormation on this form is correct at the time and place of my insq<br>quirements and at this time was left in operational condition upo |                               |                   |                                 |  |  |  |
|   | Allen Amy – FP0669   |                               |                   |                                 |  |  |  |

July 2017

Date

7:00am Time

 $Matthew\ Kowalenko-FP1093$ 

Technician Stamp

Date: July 2017 Building Name: Mission Minimum – A6

"√" Yes - Tested correctly "X" No - Did not test correctly (Explain NO answers in comments) "NA" Not applicable

| 2.1          | Control Unit or Transponder Tests   | _ ✓          | Termination points from wiring to field devices secure          |
|--------------|---|--------------|---|
| ✓            | Power on visual indicator operates?   |              | 2.6 Annunciator & Remote Trouble Test & Inspection              |
| <b>√</b>     | Common visual trouble signal operates?  | Na           | Power on indicator operates?                                    |
|              | Common audible trouble signal operates?   | Na           | Individual alarm and supervisory input zone clearly             |
|              | Trouble signal silence switch operates?   | Na           | indicated and separately designated?                            |
|              | Main Power supply failure trouble signal operates?  | Na           | Individual alarm and supervisory zone labels identified?        |
|              | Ground fault tested on positive and negative trouble signal   | Na           | Common trouble signal operates?                                 |
| Na           | Alert signal operation operates?  | Na           | Visual indicator test - Lamp test operates?                     |
|              | Alarm signal operation operates?  | Na           | Input wiring from control unit/transponder is supervised?       |
| Na           | Automatic transfer from alert to alarm signal operates?   | Na           | Alarm signal silence visual indicator operates?                 |
| Na           | Manual transfer from alert signal to alarm signal operates?   | Na           | Switches for ancillary function operate as per design?          |
| Na           | Auto transfer from alert to alarm signal cancel operates  | Na           | Other ancillary function visual indicators operate?             |
| Na           | Alarm signal silence inhibit function operates?   | Na           | Manual activation of alarm signal and indication operates?      |
| <b>√</b>     | Alarm signal manual silence operates?   | Na           | Displays are visible in installed location operates?            |
| <del></del>  | Alarm signal silence visual indication operates?  | Na           | Operates on emergency power?                                    |
| Na           | Alarm signal when silenced automatically reinitiates on   | . <u></u>    | 2.4 Power Supply Inspection                                     |
|              | subsequent alarm?   | ✓            | Fused with mfgs marked rating of the system?                    |
| Na           | Alarm signal silence automatic cut-out timer?   | <b>√</b>     | Adequate to meet the requirements of the system?                |
|              | Audible visual and alert and alarm signals programmed   |              | 2.8 Remote Trouble Signal Unit Test and Inspection              |
|              | and operate as per design & specification. (app C)  | Na           | Input wiring form control/transponder is supervised?            |
| <u> </u>     | Input circuit alarm and supervisory operation including   | Na           | Visual trouble signal operates?                                 |
|              | audible and visual indication operates?   | Na           | Audible trouble signal operates?                                |
| <u> </u>     | Input circuit supervision fault causes a trouble indication?  | Na           | Audible trouble signal silence operates?                        |
| <u> </u>     | Output circuit alarm indicators operate?  |              | 2.5 Emergency Power Supply Test and Inspection                  |
| <b>✓</b>     | Output circuit supervision fault causes a trouble indication?   | <u> </u>     | Correct battery type as recommend by manufacturer?              |
| Na           | Visual indicator test (lamp test)?  | <b>√</b>     | Correct rating as determined by battery calculations            |
| Na           | Coded signal sequence operates not less than the required   |              | based on full system load?                                      |
|              | number of times and the correct alarm signal thereafter.  | <b>✓</b>     | Battery voltage main power on?26.6 Vdc?                         |
| Na           | Coded signal sequences are not interrupted by   | <b>✓</b>     | Battery voltage and current with main power supply "off"        |
|              | subsequent alarms?  |              | and fire alarm in supervisory condition?                        |
| <u>Na</u>    | Ancillary circuit by-pass will result in a trouble signal?  |              | Voltage26.3DC Current0.22A                                      |
|              | Input circuit to output circuit operation including   | <u> </u>     | Battery voltage and current with main power supply "off"        |
|              | ancillary device circuits, for correct program operation  |              | and fire alarm in full load alarm condition?                    |
| ./           | as per design & spec. (App "C")   | ./           | voltage 26.0 Vdc Current 0.85 A                                 |
| <del>/</del> | Fire alarm Reset operates?  | <del>1</del> | Charging current is0.19A  |
| Na Na        | Main power to emergency power supply transfer operates?   |              | Inspected for physical damage? Terminal cleaned and lubricated? |
| Na Na        | Status change confirmation (smoke detectors) verified Receipt of alarm transmission to signal receiving center? | <del>'</del> |   |
| Na Na        | Receipt of supervisory trans to signal receiving center?  | Na           | Terminals clamped tightly? Correct Electrolyte level?           |
| Na Na        | Receipt of trouble transmission to signal receiving center?   | Na           | Specific gravity within mfg specifications?                     |
|              | Operation of the fire signal receiving center disconnect  |              | Electrolyte leaks?  |
| <u> 11a</u>  | results in a specific trouble indication at control unit?   |              | Adequately ventilated?  |
|              | 2.3 Control Unit or Transponder Inspection  |              | Battery mfg's date code or in-service date:2014                 |
| ✓            | Input circuit designations, correctly identified in relation  |              | Disconnection causes trouble signal?                            |
| <del></del>  | to connected field devices  | Na           | Indicate type of Battery Test Performed?                        |
| ✓            | Output circuit designations correctly identified in relation  | Na           | (1) supervisory load for 24h followed by full load operation.   |
|              | to connected field devices.   | Na           | (2) silent test by using load resister method -App F1           |
| ✓            | Correct designations-common control functions / indicators  | Na           | (3) Silent accelerated test – App F2                            |
|              | Plugin components and modules securely in place?  | Na           | (4) A battery capacity meter test App F3                        |
|              | Plugin cables securely in place   | Na           | (5) In lieu of battery tests, replace with new set              |
| Na           | Record date, revision and version of Firmware & software  |              | having current date code, as per mfg                            |
| Na           | Date: Rev: Ver:   | ✓            | Record calculated battery capacity App F47.2A h                 |
| <u> </u>     | Clean and free of dust and dirt?  | <b>√</b>     | Record battery terminal voltage after testsV dc                 |
|              | Fuses in accordance with MFGs specification?  | <b>√</b>     | Battery voltage not less than 85% of its rating after tests.    |
|              | Control Unit or transponder lock functional?  |              | Generator provides power to the AC circuit for FA syst.         |
|              | control of a unopolition fock functional:   |              | conclusion provides power to the ric elleuit for 171 syst.      |

Inspection and Testing of Fire Alarm Systems
Building Name: Mission Minimum – A6 Date: July 2017

| 2.5 Emergency Power Supply Test and Inspection Trouble condition at the em gen shall result in an audible common trouble signal and a visual indication at the required annunciator?  2.7 Annunciator or Sequential Displays  ✓ Power on indicator operates?  Individual alarm, supervisory zone indication operates.  Na  (Exception: operation of each individual alarm and supervisory zone indication, or lights the identical indicators at the other annunciators and sequential display)  Specify method of confirmation  ✓ Minimum of 1 alarm zone and one supervisory zone tested  Annunciation of the fault and operation outside the shor section between each pair of:  (i) Control unit to control unit to transponder  2.2 Voice Communication Inspection/Tests  Power "ON" operates?  Na  Common visual trouble signal operates?  Na  Trouble signal silence switch operates?  Na  Output circuits for selective voice paging including visual indication operates?  Na  Output circuits for selective voice paging including visual indication operates? |
|--|
| common trouble signal and a visual indication at the required annunciator?  2.7 Annunciator or Sequential Displays  Power on indicator operates?  Individual alarm, supervisory zone indication operates.  Na (Exception: operation of each individual alarm and supervisory zone indication, or lights the identical indicators at the other annunciators and sequential display)  Specify method of confirmation  Ma (ii) Control unit to control unit  (iii) Transponder to transponder  2.2 Voice Communication Inspection/Tests  Na Power "ON" operates?  Na Common visual trouble signal operates?  Na Common audible trouble signal operates?  Na Trouble signal silence switch operates?  Na All call voice paging including visual indicator operates  Na Output circuits for selective voice paging including visu indication operates?  |
| required annunciator?  2.7 Annunciator or Sequential Displays  Power on indicator operates?  Individual alarm, supervisory zone indication operates.  Na  (Exception: operation of each individual alarm and supervisory zone indication, or lights the identical indicators at the other annunciators and sequential display)  Specify method of confirmation  Minimum of 1 alarm zone and one supervisory zone tested  Na  (ii) Control unit to transponder  (iii) Transponder to transponder  2.2 Voice Communication Inspection/Tests  Na  Power "ON" operates?  Common visual trouble signal operates?  Na  Common audible trouble signal operates?  Na  All call voice paging including visual indicator operates  Na  Output circuits for selective voice paging including visu indication operates?  |
| 2.7 Annunciator or Sequential Displays  Power on indicator operates?  Individual alarm, supervisory zone indication operates.  Na  (Exception: operation of each individual alarm and supervisory zone indication, or lights the identical indicators at the other annunciators and sequential display)  Specify method of confirmation  Minimum of 1 alarm zone and one supervisory zone tested  Na  (iiii)Transponder to transponder  2.2 Voice Communication Inspection/Tests  Na  Power "ON" operates?  Common audible trouble signal operates?  Na  Trouble signal silence switch operates?  Na  All call voice paging including visual indicator operates  Na  Output circuits for selective voice paging including visu indication operates?  |
| ✓       Power on indicator operates?       2.2 Voice Communication Inspection/Tests         ✓       Individual alarm, supervisory zone indication operates.       Na       Power "ON" operates?         Na       Cexception: operation of each individual alarm and supervisory zone indication, or lights the identical indicators at the other annunciators and sequential display)       Na       Common audible trouble signal operates?         Na       Trouble signal silence switch operates?         Na       All call voice paging including visual indicator operates         Na       Output circuits for selective voice paging including visu indication operates?   |
| ✓       Individual alarm, supervisory zone indication operates.       Na       Power "ON" operates?         Na       (Exception: operation of each individual alarm and supervisory zone indication, or lights the identical indicators at the other annunciators and sequential display)       Na       Common visual trouble signal operates?         Na       Trouble signal silence switch operates?         Na       All call voice paging including visual indicator operates         Na       Output circuits for selective voice paging including visu indication operates?  |
| Na       (Exception: operation of each individual alarm and supervisory zone indication, or lights the identical indicators at the other annunciators and sequential display)       Na       Common visual trouble signal operates?         Specify method of confirmation       Na       Trouble signal silence switch operates?         Na       All call voice paging including visual indicator operates         Na       Output circuits for selective voice paging including visual indication operates?         ✓       Minimum of 1 alarm zone and one supervisory zone tested       indication operates?  |
| supervisory zone indication, or lights the identical indicators at the other annunciators and sequential display)  Specify method of confirmation  Minimum of 1 alarm zone and one supervisory zone tested  Na Common audible trouble signal operates?  Na Trouble signal silence switch operates?  All call voice paging including visual indicator operates  Output circuits for selective voice paging including visual indication operates?  |
| indicators at the other annunciators and sequential display)  Specify method of confirmation   |
| Specify method of confirmation Na All call voice paging including visual indicator operates  Na Output circuits for selective voice paging including visual indicator operates of the paging including visual indicator operates indication operates?  |
| Minimum of 1 alarm zone and one supervisory zone tested  Na  Output circuits for selective voice paging including visu indication operates?  |
| ✓ Minimum of 1 alarm zone and one supervisory zone tested indication operates?   |
|  |
|  |
| per annunciator or sequential display to confirm operation. Na Output circuits for selective voice paging trouble operat   |
| ✓ Individual alarm and supervisory zone labels identified. including visual indication operates?   |
| Common trouble signal operates?  Na Microphone including press to talk switch operates?  |
| Na Visual indicator test (lamp test) operates? Na Operation of voice paging does interfere with initial  |
| Input wiring form control unit/transponder supervised inhibit time of alert and alarm signal?  |
| Alarm signal silence visual indicator operates? Na All call voice paging operates on emergency power?  |
| na Switches for ancillary function operate as per design? Na Upon failure of one amplifier, system automatically   |
| Na Other ancillary functions visual indicators operate? transfers to backup amplifier.   |
| Na Manual activation of alarm signal and indication operate? Na Circuits for emergency telephone call in operation   |
| Displays are visible in installed location? including audible and visual indication operates   |
| 2.9 Printer Testing Na Circuits for emergency telephone for operation, including   |
| Na Operation as per design and specification? two-way voice communication operates?  |
| Na Zone of each alarm initiating device is correctly printed? Na Circuits for emergency telephones trouble operation   |
| Na Rated voltage is present? including visual indication operates?   |
| 2.10 Data Communication Link Test (DCL)  Na Emergency telephone verbal communication operates?   |
| Na Confirm that a trouble signal is receive at the control unit  Na Emergency telephone operable or in-use tone at handset   |
| or transponder under an open loop fault for each DCL   |
| Na Where fault isolation modules are installed in DCL serving  |
| field devices, wiring shall be shorted on the isolated side,  2.11 Ancillary Device Circuit Test   |
| annunciation of the fault confirmed, and then a field Na Circuit – confirmed   |
| device on the source side shall be operated, and activation Na Circuit – confirmed   |
| confirmed at the control unit or transponder. Na Circuit – confirmed   |
| Na Where a fault isolation in DCL is provided between Na Circuit – confirmed   |
| control units/transponders and between   |
| Na Transponders, introduce a short circuit fault and confirm   |
| Continued  |
| Additional Comments:   |
|  |
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|   |  |                     |                  | Date of Ser              | vice:             |            | Time:    |                 |                   |  |
|---|--|---------------------|------------------|--------------------------|-------------------|------------|----------|-----------------|-------------------|--|
|   | <b>E1</b> .1   | TE                  | -                | July 2017                | A 1 T             | 4          | 7:00am   | Logt Com        | vice Date:        |  |
|   |  | LE                  |                  |                          | Annual Insp       | ection     |          | July 201        |                   |  |
|   | FUE  | E                   | -                | Singl                    | e Stage           | Two        | Stage    |                 | ect Connection    |  |
| 11 1 2                                      | PROTECT  |                     | 100 700          |                          |                   |            | ]        |                 | ] yes □no         |  |
| Unit $1-33$                                 | 3605 Maclure Road, A<br>Office – 1-877-                  |                     | V2S-7W2          | Manufactu                | ror               |            |          | Model #         |                   |  |
|   | Office – 1-8//-  | 830-0014            |                  | Mircom                   | 161.              |            |          | 1025T           |                   |  |
| Building Name:<br>Mission Minimu            | m – A-7  |                     |                  | Contact Pe<br>Scott Verw |                   |            |          | Phone: 604-820- | 5758              |  |
| Address:                                    |  |                     |                  | Owner:                   | oiu               |            |          | Phone:          | 5756              |  |
| 33737 Dewdney Trunk Road Corrections Canada |  |                     |                  |                          |                   |            | 604-820- | 5758            |                   |  |
| City:<br>Mission                            | ·  |                     |                  |                          |                   |            |          | Phone:<br>Acct: |                   |  |
|   |  |                     |                  |                          |                   |            |          | •               |                   |  |
|   |  |                     |                  |                          |                   |            |          |                 |                   |  |
|   | eptable "No" - Unac                                      | ceptable (Explai    |                  |                          | ents)             |            |          |                 | 1                 |  |
| Yes No                                      |  |                     | Sun              | nmary                    |                   |            |          |                 |                   |  |
|   | The entire fire alarm                                    | ı system has heer   | n inspected and  | l tested in :            | accordance with   | CAN/III    | C \$536  |                 |                   |  |
|   | The chine me diam  | 1 system has been   | i mspected and   | i tested iii i           | iccordance with   | C/ H V/ C/ | 20 5550  |                 |                   |  |
|   | The fire alarm syste                                     | m documentation     | is on site and   | includes a               | description of th | ne systen  | l.       |                 |                   |  |
|   | The fire alarm syste                                     | m is fully function | onal.            |                          |                   |            |          |                 |                   |  |
|   | The fire alarm syste                                     | m has deficiencie   | es noted         |                          |                   |            |          |                 |                   |  |
|   | The fire diarm syste                                     | in has deficiencie  | 23 Hoteu.        |                          |                   |            |          |                 |                   |  |
|   | A copy of this repor                                     | t is given to the ( | Owner or the o   | wner's rep               | resentative.      |            |          |                 |                   |  |
|   |  | Tachnicia           | ns After-test (  | Chacklist                |                   |            |          |                 |                   |  |
|   | N/   |                     | t time limit cut |                          |                   |            |          |                 |                   |  |
|   |  |                     | t ancillary func |                          |                   |            |          |                 |                   |  |
|   | N/   |                     |                  |                          | site connections) | )?         |          |                 |                   |  |
|   |  |                     | t signal power?  |                          | ,                 |            |          |                 |                   |  |
|   |  |                     | e department tl  |                          | s completed?      |            |          |                 |                   |  |
|   |  |                     | at the alarm sys |                          |                   |            |          |                 |                   |  |
|   |  |                     |                  |                          |                   |            |          |                 |                   |  |
| Commo                                       | m4a  |                     |                  |                          |                   |            |          |                 |                   |  |
| Comme                                       | rits   |                     |                  |                          |                   |            |          |                 |                   |  |
|   |  |                     |                  |                          |                   |            |          |                 |                   |  |
|   |  |                     |                  |                          |                   |            |          |                 |                   |  |
|   |  |                     | SEE DEFICI       | IENCY F                  | REPORT            |            |          |                 |                   |  |
|   |  |                     |                  |                          |                   |            |          |                 |                   |  |
|   |  |                     |                  |                          |                   |            |          |                 |                   |  |
|   |  |                     |                  |                          |                   |            |          |                 |                   |  |
|   |  |                     |                  |                          |                   |            |          |                 |                   |  |
|   | formation on this form is conquirements and at this time |                     |                  |                          |                   |            |          |                 | ble codes and the |  |
|   | Allen Amy – FP0669                                       | )                   |                  |                          |                   |            |          |                 |                   |  |
| Mat   | thew Kowalenko – FI                                      |                     | July 201         | 17                       | 7:00am            |            |          |                 |                   |  |

Time

Date

Technician Stamp

Date: July 2017 Building Name: Mission Minimum – A7

" $\sqrt{}$ " Yes - Tested correctly "X" No - Did not test correctly (Explain NO answers in comments) "NA" Not applicable

| 2.1      | Control Unit or Transponder Tests                             | <u> </u>      | Termination points from wiring to field devices secure        |
|----------|---|---------------|---|
|          | Power on visual indicator operates?                           |               | 2.6 Annunciator & Remote Trouble Test & Inspection            |
| <u> </u> | Common visual trouble signal operates?                        | Na            | Power on indicator operates?                                  |
|          | Common audible trouble signal operates?                       | Na            | Individual alarm and supervisory input zone clearly           |
|          | Trouble signal silence switch operates?                       | Na            | indicated and separately designated?                          |
|          | Main Power supply failure trouble signal operates?            | Na            | Individual alarm and supervisory zone labels identified?      |
|          | Ground fault tested on positive and negative trouble signal   | Na            | Common trouble signal operates?                               |
| Na       | Alert signal operation operates?                              | Na            | Visual indicator test - Lamp test operates?                   |
|          | Alarm signal operation operates?                              | Na            | Input wiring from control unit/transponder is supervised?     |
| Na       | Automatic transfer from alert to alarm signal operates?       | Na            | Alarm signal silence visual indicator operates?               |
| Na       | Manual transfer from alert signal to alarm signal operates?   | Na            | Switches for ancillary function operate as per design?        |
| Na       | Auto transfer from alert to alarm signal cancel operates      | Na            | Other ancillary function visual indicators operate?           |
| Na       | Alarm signal silence inhibit function operates?               | Na            | Manual activation of alarm signal and indication operates?    |
|          | Alarm signal manual silence operates?                         | Na            | Displays are visible in installed location operates?          |
|          | Alarm signal silence visual indication operates?              | Na            | Operates on emergency power?                                  |
| Na       | Alarm signal when silenced automatically reinitiates on       |               | 2.4 Power Supply Inspection                                   |
|          | subsequent alarm?   | ✓             | Fused with mfgs marked rating of the system?                  |
| Na       | Alarm signal silence automatic cut-out timer?                 | $\overline{}$ | Adequate to meet the requirements of the system?              |
|          | Audible visual and alert and alarm signals programmed         |               | 2.8 Remote Trouble Signal Unit Test and Inspection            |
|          | and operate as per design & specification. (app C)            | Na            | Input wiring form control/transponder is supervised?          |
| ✓        | Input circuit alarm and supervisory operation including       | Na            | Visual trouble signal operates?                               |
|          | audible and visual indication operates?                       | Na            | Audible trouble signal operates?                              |
| ✓        | Input circuit supervision fault causes a trouble indication?  | Na            | Audible trouble signal silence operates?                      |
|          | Output circuit alarm indicators operate?                      | -             | 2.5 Emergency Power Supply Test and Inspection                |
|          | Output circuit supervision fault causes a trouble indication? | ✓             | Correct battery type as recommend by manufacturer?            |
| Na       | Visual indicator test (lamp test)?                            | <u>√</u>      | Correct rating as determined by battery calculations          |
| Na       | Coded signal sequence operates not less than the required     | -             | based on full system load?                                    |
|          | number of times and the correct alarm signal thereafter.      | ✓             | Battery voltage main power on?26.7 Vdc?                       |
| Na       | Coded signal sequences are not interrupted by                 | <b>√</b>      | Battery voltage and current with main power supply "off"      |
|          | subsequent alarms?  |               | and fire alarm in supervisory condition?                      |
| Na       | Ancillary circuit by-pass will result in a trouble signal?    |               | Voltage26.1DC Current0.17A                                    |
| <u> </u> | Input circuit to output circuit operation including           | ✓             | Battery voltage and current with main power supply "off"      |
|          | ancillary device circuits, for correct program operation      |               | and fire alarm in full load alarm condition?                  |
|          | as per design & spec. (App "C")                               |               | voltage26.1Vdc Current0.52A                                   |
| <u> </u> | Fire alarm Reset operates?                                    | ✓             | Charging current is0.19A                                      |
| <u> </u> | Main power to emergency power supply transfer operates?       | ✓             | Inspected for physical damage?                                |
| Na       | Status change confirmation (smoke detectors) verified         |               | Terminal cleaned and lubricated?                              |
| Na       | Receipt of alarm transmission to signal receiving center?     | ✓             | Terminals clamped tightly?                                    |
| Na       | Receipt of supervisory trans to signal receiving center?      | Na            | Correct Electrolyte level?                                    |
| Na       | Receipt of trouble transmission to signal receiving center?   | Na            | Specific gravity within mfg specifications?                   |
| Na       | Operation of the fire signal receiving center disconnect      | Na            | Electrolyte leaks?  |
|          | results in a specific trouble indication at control unit?     | <b>√</b>      | Adequately ventilated?  |
|          | 2.3 Control Unit or Transponder Inspection                    | <u> </u>      | Battery mfg's date code or in-service date:2017               |
| <u>✓</u> | Input circuit designations, correctly identified in relation  | _ ✓           | Disconnection causes trouble signal?                          |
|          | to connected field devices                                    | Na            | Indicate type of Battery Test Performed?                      |
|          | Output circuit designations correctly identified in relation  | Na            | (1) supervisory load for 24h followed by full load operation. |
|          | to connected field devices.                                   | Na            | (2) silent test by using load resister method -App F1         |
|          | Correct designations-common control functions / indicators    | Na            | (3) Silent accelerated test – App F2                          |
| <b>√</b> | Plugin components and modules securely in place?              | Na            | (4) A battery capacity meter test App F3                      |
|          | Plugin cables securely in place                               | Na            | (5) In lieu of battery tests, replace with new set            |
| Na       | Record date, revision and version of Firmware & software      | _             | having current date code, as per mfg                          |
| Na       | Date: Rev: Ver:   | <b>✓</b>      | Record calculated battery capacity App F47.2A h               |
| <u> </u> | Clean and free of dust and dirt?                              | <b>✓</b>      | Record battery terminal voltage after testsV dc               |
| <u> </u> | Fuses in accordance with MFGs specification?                  | <b>✓</b>      | Battery voltage not less than 85% of its rating after tests.  |
| ✓        | Control Unit or transponder lock functional?                  | ✓             | Generator provides power to the AC circuit for FA syst.       |

Inspection and Testing of Fire Alarm Systems
Building Name: Mission Minimum – A7 Date: July 2017

| "√"Y     | es - Tested correctly "X" No - Did not test correctly (Ex    | plain NO  | answers in commen          | ts) "NA" Not applicable               |
|----------|--|-----------|----------------------------|---------------------------------------|
|          | 2.5 Emergency Power Supply Test and Inspection               |           | Annunciation of the fau    | alt and operation outside the shorted |
| Na       | Trouble condition at the em gen shall result in an audible   |           | section between each pa    | air of:                               |
|          | common trouble signal and a visual indication at the         | Na        | (i) Control unit to contr  | ol unit                               |
|          | required annunciator?  | Na        | (ii) Control unit to trans | sponder                               |
|          | 2.7 Annunciator or Sequential Displays                       | Na        | (iii)Transponder to tran   |                                       |
| ✓        | Power on indicator operates?                                 |           | 2.2 Voice Communicate      | •                                     |
| <b>√</b> | Individual alarm, supervisory zone indication operates.      | Na        | Power "ON" operates?       | 2001 2115 P0001014 1 0505             |
| Na       | (Exception: operation of each individual alarm and           | Na        | Common visual trouble      | signal operates?                      |
|          | supervisory zone indication, or lights the identical         | Na        | Common audible troub       |                                       |
|          | indicators at the other annunciators and sequential display) | Na        |                            | -                                     |
|          |  |           | Trouble signal silence s   |                                       |
|          | Specify method of confirmation                               | Na<br>Na  |                            | cluding visual indicator operates?    |
| ./       | 76.1   | Na        |                            | ctive voice paging including visual   |
|          | Minimum of 1 alarm zone and one supervisory zone tested      |           | indication operates?       |                                       |
| ,        | per annunciator or sequential display to confirm operation.  | Na        |                            | ctive voice paging trouble operation  |
| <u>√</u> | Individual alarm and supervisory zone labels identified.     |           | including visual indicat   |                                       |
| ✓        | Common trouble signal operates?                              | <u>Na</u> |                            | press to talk switch operates?        |
| Na       | Visual indicator test (lamp test) operates?                  | Na        |                            | ing does interfere with initial       |
| <b>√</b> | Input wiring form control unit/transponder supervised        |           | inhibit time of alert and  | l alarm signal?                       |
| ✓        | Alarm signal silence visual indicator operates?              | Na        |                            | perates on emergency power?           |
| na       | Switches for ancillary function operate as per design?       | Na        | Upon failure of one am     | plifier, system automatically         |
| Na       | Other ancillary functions visual indicators operate?         |           | transfers to backup amp    | olifier.                              |
| Na       | Manual activation of alarm signal and indication operate?    | Na        | Circuits for emergency     | telephone call in operation           |
| <b>√</b> | Displays are visible in installed location?                  |           |                            | visual indication operates            |
|          | 2.9 Printer Testing  | Na        |                            | telephone for operation, including    |
| Na       | Operation as per design and specification?                   |           | two-way voice commun       |                                       |
| Na       | Zone of each alarm initiating device is correctly printed?   | Na        | -                          | telephones trouble operation          |
| Na       | Rated voltage is present?                                    |           | including visual indicat   |                                       |
|          | 2.10 Data Communication Link Test (DCL)                      | Na        |                            | rerbal communication operates?        |
| Na       | Confirm that a trouble signal is receive at the control unit | Na        |                            | operable or in-use tone at handset.   |
|          | or transponder under an open loop fault for each DCL         |           | Emergency telephone o      | peruble of in use tone at handset.    |
| Na       | Where fault isolation modules are installed in DCL serving   |           |                            |                                       |
|          | field devices, wiring shall be shorted on the isolated side, |           | 2.11 Ancillary Device      | Circuit Tost                          |
|          | annunciation of the fault confirmed, and then a field        | Na        | Circuit –                  | confirmed                             |
|          | device on the source side shall be operated, and activation  | Na        | Circuit –                  | confirmed                             |
|          | confirmed at the control unit or transponder.                | Na        | Circuit –                  | confirmed                             |
| Na       | Where a fault isolation in DCL is provided between           | Na        | Circuit –                  | confirmed                             |
| -114     |  | 114       | Circuit –                  | commined                              |
| Na       | control units/transponders and between                       |           |                            |                                       |
| - Na     | Transponders, introduce a short circuit fault and confirm    |           |                            |                                       |
|          | Continued  |           |                            |                                       |
|          |  |           |                            |                                       |
| Additio  | nal Comments:  |           |                            |                                       |
|          |  |           |                            |                                       |
|          |  |           |                            |                                       |
|          |  |           |                            |                                       |
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|          |  |           |                            |                                       |
|          |  |           |                            |                                       |

|  |             |   | Date of Service:                              | Time             |                              |  |  |  |  |
|--|-------------|---|---|------------------|------------------------------|--|--|--|--|
|  |             | ELITE   | July 2017  Annual Ins                         |                  | Last Service Date: July 2016 |  |  |  |  |
|  |             | FURE  | Single Stage                                  | Two Stage        | Direct Connection            |  |  |  |  |
| Unit 1   | . – 33      | PROTECTION LTD 605 Maclure Road, Abbotsford, BC, V2S-7W2  |   | ☐ yes ☐ no       |                              |  |  |  |  |
|  |             | Office – 1-877-850-0014   | Manufacturer:<br>Mircom                       | Model #<br>1025T |                              |  |  |  |  |
| Building Na<br>Mission Mi  |             | n – A-8   | Contact Person:<br>Scott Verwold              |                  | Phone: 604-820-5758          |  |  |  |  |
| Address:   | Phone:      |   |   |                  |                              |  |  |  |  |
| City:  | dney '      | Frunk Road Postal Code:   | Corrections Canada Fire Signal Receiving Cent | ro.              | 604-820-5758<br>Phone:       |  |  |  |  |
| Mission  |             | Tustal Coue.  | Fire Signal Receiving Cent                    | 16.              | Acct:                        |  |  |  |  |
| "Yes"- Acceptable "No" - Unacceptable (Explain No answers in comments)  Yes No Summary |             |   |   |                  |                              |  |  |  |  |
|  |             |   | •   |                  |                              |  |  |  |  |
|  |             | The entire fire alarm system has been inspected ar  | nd tested in accordance wi                    | th CAN/ULC S53   | 36                           |  |  |  |  |
|  | $\boxtimes$ | The fire alarm system documentation is on site and  | d includes a description of                   | the system.      |                              |  |  |  |  |
|  |             | The fire alarm system is fully functional.  |   |                  |                              |  |  |  |  |
|  |             | The fire alarm system has deficiencies noted.   |   |                  |                              |  |  |  |  |
|  | _           |   |   |                  |                              |  |  |  |  |
|  |             | A copy of this report is given to the Owner or the  | owner's representative.                       |                  |                              |  |  |  |  |
|  |             | Technicians After-tes   | t Checklist                                   |                  |                              |  |  |  |  |
|  |             | NA Reconnect time limit cu  |   |                  |                              |  |  |  |  |
|  |             | Reconnect ancillary fur   |   |                  |                              |  |  |  |  |
|  |             |   | nctions (off site connection                  | ns)?             |                              |  |  |  |  |
|  |             | Reconnect signal powe   |   |                  |                              |  |  |  |  |
|  |             | -   | the testing is completed?                     |                  |                              |  |  |  |  |
|  |             | Ensure that the alarm s   | ystem is functional?                          |                  |                              |  |  |  |  |
|  |             |   |   |                  |                              |  |  |  |  |
| Com  | mer         | nts   |   |                  |                              |  |  |  |  |
|  |             |   |   |                  |                              |  |  |  |  |
|  |             |   |   |                  |                              |  |  |  |  |
|  |             | SEE DEFIC   | CIENCY REPORT                                 |                  |                              |  |  |  |  |
|  |             |   |   |                  |                              |  |  |  |  |
|  |             |   |   |                  |                              |  |  |  |  |
|  |             |   |   |                  |                              |  |  |  |  |
|  |             |   |   |                  |                              |  |  |  |  |
|  |             | ormation on this form is correct at the time and place of my inspuirements and at this time was left in operational condition upo |   |                  |                              |  |  |  |  |
|  |             | Allen Amy – FP0669  |   |                  |                              |  |  |  |  |

July 2017

Date

7:00am

Time

Matthew Kowalenko – FP1093

Technician Stamp

Date: July 2017 Building Name: Mission Minimum – A8

"√" Yes - Tested correctly "X" No - Did not test correctly (Explain NO answers in comments) "NA" Not applicable

| 2.1          | Control Unit or Transponder Tests   | _ ✓   | Termination points from wiring to field devices secure             |
|--------------|---|---|--|
| ✓            | Power on visual indicator operates?   |   | 2.6 Annunciator & Remote Trouble Test & Inspection                 |
| _            | Common visual trouble signal operates?  | Na  | Power on indicator operates?                                       |
| <b>√</b>     | Common audible trouble signal operates?   | Na  | Individual alarm and supervisory input zone clearly                |
| _            | Trouble signal silence switch operates?   | Na  | indicated and separately designated?                               |
| _            | Main Power supply failure trouble signal operates?  | Na  | Individual alarm and supervisory zone labels identified?           |
| <b>√</b>     | Ground fault tested on positive and negative trouble signal   | Na  | Common trouble signal operates?                                    |
| Na           | Alert signal operation operates?  | Na  | Visual indicator test - Lamp test operates?                        |
| _            | Alarm signal operation operates?  | Na  | Input wiring from control unit/transponder is supervised?          |
| Na           | Automatic transfer from alert to alarm signal operates?   | Na  | Alarm signal silence visual indicator operates?                    |
| Na           | Manual transfer from alert signal to alarm signal operates?   | Na  | Switches for ancillary function operate as per design?             |
| Na           | Auto transfer from alert to alarm signal cancel operates  | Na  | Other ancillary function visual indicators operate?                |
| Na           | Alarm signal silence inhibit function operates?   | Na  | Manual activation of alarm signal and indication operates?         |
|              | Alarm signal manual silence operates?   | Na  | Displays are visible in installed location operates?               |
|              | Alarm signal silence visual indication operates?  | Na  | Operates on emergency power?                                       |
| Na           | Alarm signal when silenced automatically reinitiates on   | . <u></u>                                     | 2.4 Power Supply Inspection  |
|              | subsequent alarm?   | ✓   | Fused with mfgs marked rating of the system?                       |
| Na           | Alarm signal silence automatic cut-out timer?   | <b>√</b>                                      | Adequate to meet the requirements of the system?                   |
| <u> ✓</u>    | Audible visual and alert and alarm signals programmed   |   | 2.8 Remote Trouble Signal Unit Test and Inspection                 |
|              | and operate as per design & specification. (app C)  | Na  | Input wiring form control/transponder is supervised?               |
| <u> </u>     | Input circuit alarm and supervisory operation including   | Na  | Visual trouble signal operates?                                    |
|              | audible and visual indication operates?   | Na  | Audible trouble signal operates?                                   |
| <u> </u>     | Input circuit supervision fault causes a trouble indication?  | Na  | Audible trouble signal silence operates?                           |
| <u> </u>     | Output circuit alarm indicators operate?  |   | 2.5 Emergency Power Supply Test and Inspection                     |
| <b>✓</b>     | Output circuit supervision fault causes a trouble indication?   | <u> </u>                                      | Correct battery type as recommend by manufacturer?                 |
| Na           | Visual indicator test (lamp test)?  | <b>√</b>                                      | Correct rating as determined by battery calculations               |
| Na           | Coded signal sequence operates not less than the required   |   | based on full system load?   |
|              | number of times and the correct alarm signal thereafter.  | <b>✓</b>                                      | Battery voltage main power on?26.5 Vdc?                            |
| Na           | Coded signal sequences are not interrupted by   | <b>✓</b>                                      | Battery voltage and current with main power supply "off"           |
|              | subsequent alarms?  |   | and fire alarm in supervisory condition?                           |
| Na           | Ancillary circuit by-pass will result in a trouble signal?  | ,   | Voltage26.1DC Current0.16A   |
| <b>√</b>     | Input circuit to output circuit operation including   | <b>✓</b>                                      | Battery voltage and current with main power supply "off"           |
|              | ancillary device circuits, for correct program operation  |   | and fire alarm in full load alarm condition?                       |
| ✓            | as per design & spec. (App "C")   | ✓   | voltage 25.9 Vdc Current 0.28 A                                    |
| <del>,</del> | Fire alarm Reset operates?  |   | Charging current is0.05A   |
| Na           | Main power to emergency power supply transfer operates?  Status change confirmation (smoke detectors) verified        |   | Inspected for physical damage? Terminal cleaned and lubricated?    |
| Na           | Receipt of alarm transmission to signal receiving center?   | <u>,                                     </u> | Terminals clamped tightly?   |
| Na           | Receipt of analm transmission to signal receiving center?   | Na  | Correct Electrolyte level?   |
| Na           | Receipt of supervisory transito signal receiving center?  Receipt of trouble transmission to signal receiving center? | Na  | Specific gravity within mfg specifications?                        |
|              | Operation of the fire signal receiving center disconnect  |   | Electrolyte leaks?   |
| 114          | results in a specific trouble indication at control unit?   |   | Adequately ventilated?   |
|              | 2.3 Control Unit or Transponder Inspection  |   | Battery mfg's date code or in-service date:2017                    |
| ✓            | Input circuit designations, correctly identified in relation  | <u>√</u>                                      | Disconnection causes trouble signal?                               |
|              | to connected field devices  | Na  | Indicate type of Battery Test Performed?                           |
| ✓            | Output circuit designations correctly identified in relation  | Na  | (1) supervisory load for 24h followed by full load operation.      |
| -            | to connected field devices.   | Na  | (2) silent test by using load resister method -App F1              |
| ✓            | Correct designations-common control functions / indicators  | Na  | (3) Silent accelerated test – App F2                               |
| <b>√</b>     | Plugin components and modules securely in place?  | Na  | (4) A battery capacity meter test App F3                           |
| <b>√</b>     | Plugin cables securely in place   | Na  | (5) In lieu of battery tests, replace with new set                 |
| Na           | Record date, revision and version of Firmware & software  |   | having current date code, as per mfg                               |
| Na           | Date: Rev: Ver:   | ✓   | Record calculated battery capacity App F47.2A h                    |
| <u> </u>     | Clean and free of dust and dirt?  | <u>√</u>                                      | Record battery terminal voltage after testsV dc                    |
| _            | Fuses in accordance with MFGs specification?  | <u>√</u>                                      | Battery voltage not less than 85% of its rating after tests.       |
| _            | Control Unit or transponder lock functional?  |   | Generator provides power to the AC circuit for FA syst.            |
|              | 5mr of manaparate for functional.   |   | Distribution provides position to the rice encurrent first by bit. |

Inspection and Testing of Fire Alarm Systems
Building Name: Mission Minimum – A8 Date: July 2017

| "√"Y     | es - Tested correctly "X" No - Did not test correctly (Ex    | plain NC |                              |                                   |
|----------|--|----------|------------------------------|-----------------------------------|
|          | 2.5 Emergency Power Supply Test and Inspection               |          |                              | and operation outside the shorted |
| Na       | Trouble condition at the em gen shall result in an audible   |          | section between each pair    |                                   |
|          | common trouble signal and a visual indication at the         | Na       | (i) Control unit to control  | unit                              |
|          | required annunciator?  | Na       | (ii) Control unit to transpo | onder                             |
|          | 2.7 Annunciator or Sequential Displays                       | Na       | (iii)Transponder to transp   | oonder                            |
| ✓        | Power on indicator operates?                                 |          | 2.2 Voice Communication      | on Inspection/Tests               |
| <b>√</b> | Individual alarm, supervisory zone indication operates.      | Na       | Power "ON" operates?         |                                   |
| Na       | (Exception: operation of each individual alarm and           | Na       | Common visual trouble si     | ignal operates?                   |
|          | supervisory zone indication, or lights the identical         | Na       | Common audible trouble       | signal operates?                  |
|          | indicators at the other annunciators and sequential display) | Na       | Trouble signal silence sw    | itch operates?                    |
|          | Specify method of confirmation                               | Na       |                              | uding visual indicator operates?  |
|          |  | Na       |                              | ve voice paging including visual  |
| ✓        | Minimum of 1 alarm zone and one supervisory zone tested      |          | indication operates?         |                                   |
|          | per annunciator or sequential display to confirm operation.  | Na       |                              | ve voice paging trouble operation |
| ✓        | Individual alarm and supervisory zone labels identified.     |          | including visual indication  |                                   |
| ✓        | Common trouble signal operates?                              | Na       |                              | ess to talk switch operates?      |
| Na       | Visual indicator test (lamp test) operates?                  | Na       |                              | g does interfere with initial     |
| <b>√</b> | Input wiring form control unit/transponder supervised        |          | inhibit time of alert and al |                                   |
| ✓        | Alarm signal silence visual indicator operates?              | Na       |                              | rates on emergency power?         |
| na       | Switches for ancillary function operate as per design?       | Na       |                              | ifier, system automatically       |
| Na       | Other ancillary functions visual indicators operate?         |          | transfers to backup ampli    |                                   |
| Na       | Manual activation of alarm signal and indication operate?    | Na       | Circuits for emergency tel   |                                   |
| <b>√</b> | Displays are visible in installed location?                  |          | including audible and visi   |                                   |
|          | 2.9 Printer Testing  | Na       | •                            | lephone for operation, including  |
| Na       | Operation as per design and specification?                   |          | two-way voice communic       |                                   |
| Na       | Zone of each alarm initiating device is correctly printed?   | Na       |                              | lephones trouble operation        |
| Na       | Rated voltage is present?                                    |          | including visual indication  |                                   |
|          | 2.10 Data Communication Link Test (DCL)                      | Na       |                              | bal communication operates?       |
| Na       | Confirm that a trouble signal is receive at the control unit | Na       |                              | erable or in-use tone at handset. |
|          | or transponder under an open loop fault for each DCL         |          |                              |                                   |
| Na       | Where fault isolation modules are installed in DCL serving   |          |                              |                                   |
| <u></u>  | field devices, wiring shall be shorted on the isolated side, |          | 2.11 Ancillary Device Ci     | ircuit Test                       |
|          | annunciation of the fault confirmed, and then a field        | Na       | Circuit –                    | confirmed                         |
|          | device on the source side shall be operated, and activation  | Na       | Circuit –                    | confirmed                         |
|          | confirmed at the control unit or transponder.                | Na       | Circuit –                    | confirmed                         |
| Na       | Where a fault isolation in DCL is provided between           | Na       | Circuit –                    | confirmed                         |
|          | control units/transponders and between                       |          |                              |                                   |
| Na       | Transponders, introduce a short circuit fault and confirm    |          |                              |                                   |
|          | Continued  |          |                              |                                   |
| Additio  | onal Comments:   |          |                              |                                   |
|          |  |          |                              |                                   |
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|          |  |          |                              |                                   |

|                                  | 4   |                |                     | te of Service:         |            | Time:     |                    |                   |
|----------------------------------|---|----------------|---------------------|------------------------|------------|-----------|--------------------|-------------------|
|                                  | CI II   |                | Jul                 | y 2017                 | ·          | 7:00am    | Loct Som           | vice Date:        |
|                                  |   |                |                     | Allitual Hispection    |            |           | July 201           |                   |
|                                  | - FIRE  |                |                     | Single Stage           |            | vo Stage  |                    | ect Connection    |
| _                                | PROTECTIO   |                |                     |                        | -          |           |                    | ] yes □no         |
| Unit 1 – 33605 1                 | Maclure Road, Abbo  |                |                     |                        |            |           | 35.33.0            |                   |
|                                  | Office – 1-877-850-                                       | 0014           | Mi                  | nufacturer:<br>com     |            |           | Model #<br>FA-300  |                   |
| Building Name:                   |   |                |                     |                        |            |           | Phone:             |                   |
| Mission Minimum – A-<br>Address: |   |                |                     |                        |            |           | 604-820-<br>Phone: | 5758              |
| 33737 Dewdney Trunk              | Road  |                |                     | rections Canada        |            |           | 604-820-           | 5758              |
| City:<br>Mission                 | P   | ostal Code:    | Fir                 | re Signal Receiving Co | entre:     |           | Phone:<br>Acct:    |                   |
| MISSION                          |   |                |                     |                        |            |           | Acct.              |                   |
|                                  |   |                |                     |                        |            |           |                    |                   |
| "Yes"- Acceptab                  | ole "No" - Unaccept                                       | able (Explai   | n No answers in     | comments)              |            |           |                    |                   |
| Yes No                           |   |                | Summa               | ıry                    |            |           |                    |                   |
|                                  |   |                |                     |                        |            |           |                    |                   |
| ☐ The                            | entire fire alarm sys                                     | tem has been   | inspected and tes   | ted in accordance      | with CAN   | /ULC S536 |                    |                   |
| ☐ ☐ The                          | fire alarm system do                                      | ocumentation   | is on site and incl | udes a description     | of the sys | tem.      |                    |                   |
|                                  |   |                |                     |                        |            |           |                    |                   |
| The                              | The fire alarm system is fully functional.                |                |                     |                        |            |           |                    |                   |
| ☐ The                            | fire alarm system ha                                      | as deficiencie | s noted.            |                        |            |           |                    |                   |
|                                  | opy of this report is g                                   | given to the C | Owner or the owner  | r's representative.    |            |           |                    |                   |
|                                  | 17 1 6  |                |                     | 1                      |            |           |                    |                   |
|                                  |   | Technicia      | ns After-test Che   | cklist                 |            |           |                    |                   |
|                                  | NA  | Reconnect      | time limit cutouts  | ?                      |            |           |                    |                   |
|                                  |   | Reconnect      | ancillary function  | is?                    |            |           |                    |                   |
|                                  | NA  | Reconnect      | ancillary function  | s (off site connecti   | ons)?      |           |                    |                   |
|                                  |   |                | signal power?       |                        |            |           |                    |                   |
|                                  |   |                | 1                   | esting is completed    | ?          |           |                    |                   |
|                                  |   | Ensure tha     | t the alarm system  | is functional?         |            |           |                    |                   |
|                                  |   |                |                     |                        |            |           |                    |                   |
| Comments                         |   |                |                     |                        |            |           |                    |                   |
| Comments                         |   |                |                     |                        |            |           |                    |                   |
|                                  |   |                |                     |                        |            |           |                    |                   |
|                                  |   | 2              | EE DEFICIEN         | CY REPORT              |            |           |                    |                   |
|                                  |   |                | EE DEI ICIEI        | er ker okt             |            |           |                    |                   |
|                                  |   |                |                     |                        |            |           |                    |                   |
|                                  |   |                |                     |                        |            |           |                    |                   |
|                                  |   |                |                     |                        |            |           |                    |                   |
|                                  | on on this form is correct<br>ents and at this time was l |                |                     |                        |            |           |                    | ole codes and the |
|                                  | n Amy – FP0669  | -              | -                   |                        | <u> </u>   |           |                    |                   |
|                                  | Kowalenko – FP109   | 3              | July 2017           | 7:00am                 |            |           |                    |                   |

Date

Time

Technician Stamp

Date: July 2017 Building Name: Mission Minimum – A9

" $\sqrt{}$ " Yes - Tested correctly "X" No - Did not test correctly (Explain NO answers in comments) "NA" Not applicable

| 2.1      | Control Unit or Transponder Tests                             | <u> </u>      | Termination points from wiring to field devices secure        |
|----------|---|---------------|---|
|          | Power on visual indicator operates?                           |               | 2.6 Annunciator & Remote Trouble Test & Inspection            |
| <u> </u> | Common visual trouble signal operates?                        | Na            | Power on indicator operates?                                  |
|          | Common audible trouble signal operates?                       | Na            | Individual alarm and supervisory input zone clearly           |
|          | Trouble signal silence switch operates?                       | Na            | indicated and separately designated?                          |
|          | Main Power supply failure trouble signal operates?            | Na            | Individual alarm and supervisory zone labels identified?      |
|          | Ground fault tested on positive and negative trouble signal   | Na            | Common trouble signal operates?                               |
| Na       | Alert signal operation operates?                              | Na            | Visual indicator test - Lamp test operates?                   |
|          | Alarm signal operation operates?                              | Na            | Input wiring from control unit/transponder is supervised?     |
| Na       | Automatic transfer from alert to alarm signal operates?       | Na            | Alarm signal silence visual indicator operates?               |
| Na       | Manual transfer from alert signal to alarm signal operates?   | Na            | Switches for ancillary function operate as per design?        |
| Na       | Auto transfer from alert to alarm signal cancel operates      | Na            | Other ancillary function visual indicators operate?           |
| Na       | Alarm signal silence inhibit function operates?               | Na            | Manual activation of alarm signal and indication operates?    |
|          | Alarm signal manual silence operates?                         | Na            | Displays are visible in installed location operates?          |
|          | Alarm signal silence visual indication operates?              | Na            | Operates on emergency power?                                  |
| Na       | Alarm signal when silenced automatically reinitiates on       |               | 2.4 Power Supply Inspection                                   |
|          | subsequent alarm?   | ✓             | Fused with mfgs marked rating of the system?                  |
| Na       | Alarm signal silence automatic cut-out timer?                 | $\overline{}$ | Adequate to meet the requirements of the system?              |
|          | Audible visual and alert and alarm signals programmed         |               | 2.8 Remote Trouble Signal Unit Test and Inspection            |
|          | and operate as per design & specification. (app C)            | Na            | Input wiring form control/transponder is supervised?          |
| ✓        | Input circuit alarm and supervisory operation including       | Na            | Visual trouble signal operates?                               |
|          | audible and visual indication operates?                       | Na            | Audible trouble signal operates?                              |
| ✓        | Input circuit supervision fault causes a trouble indication?  | Na            | Audible trouble signal silence operates?                      |
|          | Output circuit alarm indicators operate?                      | -             | 2.5 Emergency Power Supply Test and Inspection                |
|          | Output circuit supervision fault causes a trouble indication? | ✓             | Correct battery type as recommend by manufacturer?            |
| Na       | Visual indicator test (lamp test)?                            | <u>√</u>      | Correct rating as determined by battery calculations          |
| Na       | Coded signal sequence operates not less than the required     | -             | based on full system load?                                    |
|          | number of times and the correct alarm signal thereafter.      | ✓             | Battery voltage main power on?27.5 Vdc?                       |
| Na       | Coded signal sequences are not interrupted by                 | <b>√</b>      | Battery voltage and current with main power supply "off"      |
|          | subsequent alarms?  |               | and fire alarm in supervisory condition?                      |
| Na       | Ancillary circuit by-pass will result in a trouble signal?    |               | Voltage27.3 DC Current0.24 A                                  |
| <u> </u> | Input circuit to output circuit operation including           | ✓             | Battery voltage and current with main power supply "off"      |
|          | ancillary device circuits, for correct program operation      |               | and fire alarm in full load alarm condition?                  |
|          | as per design & spec. (App "C")                               |               | voltage 26.9 Vdc Current 0.59 A                               |
| <u> </u> | Fire alarm Reset operates?                                    | ✓             | Charging current is0.15A                                      |
| <u> </u> | Main power to emergency power supply transfer operates?       | ✓             | Inspected for physical damage?                                |
| Na       | Status change confirmation (smoke detectors) verified         |               | Terminal cleaned and lubricated?                              |
| Na       | Receipt of alarm transmission to signal receiving center?     | ✓             | Terminals clamped tightly?                                    |
| Na       | Receipt of supervisory trans to signal receiving center?      | Na            | Correct Electrolyte level?                                    |
| Na       | Receipt of trouble transmission to signal receiving center?   | Na            | Specific gravity within mfg specifications?                   |
| Na       | Operation of the fire signal receiving center disconnect      | Na            | Electrolyte leaks?  |
|          | results in a specific trouble indication at control unit?     | _ ✓           | Adequately ventilated?  |
|          | 2.3 Control Unit or Transponder Inspection                    | ✓             | Battery mfg's date code or in-service date:2017               |
|          | Input circuit designations, correctly identified in relation  | ✓             | Disconnection causes trouble signal?                          |
|          | to connected field devices                                    | Na            | Indicate type of Battery Test Performed?                      |
|          | Output circuit designations correctly identified in relation  | Na            | (1) supervisory load for 24h followed by full load operation. |
|          | to connected field devices.                                   | Na            | (2) silent test by using load resister method -App F1         |
|          | Correct designations-common control functions / indicators    | Na            | (3) Silent accelerated test – App F2                          |
| _        | Plugin components and modules securely in place?              | Na            | (4) A battery capacity meter test App F3                      |
|          | Plugin cables securely in place                               | Na            | (5) In lieu of battery tests, replace with new set            |
| Na       | Record date, revision and version of Firmware & software      |               | having current date code, as per mfg                          |
| Na       | Date: Rev: Ver:   | ✓             | Record calculated battery capacity App F47.2A h               |
|          | Clean and free of dust and dirt?                              | ✓             | Record battery terminal voltage after testsV dc               |
|          | Fuses in accordance with MFGs specification?                  | <u>√</u>      | Battery voltage not less than 85% of its rating after tests.  |
| <b>√</b> | Control Unit or transponder lock functional?                  | ✓ _           | Generator provides power to the AC circuit for FA syst.       |

Inspection and Testing of Fire Alarm Systems
Building Name: Mission Minimum – A9 Date: July 2017

|               | <u>Yes - Tested correctly "X" No - Did not test correctly (Extended in 1988)</u> 2.5 Emergency Power Supply Test and Inspection | <u> </u>  |   | It and operation outside the shorted |  |  |
|---------------|---|-----------|---|--------------------------------------|--|--|
| Na            | Trouble condition at the em gen shall result in an audible  |           | section between each pa                               |                                      |  |  |
| - INA         |   | NT.       | •   |                                      |  |  |
|               | common trouble signal and a visual indication at the  | <u>Na</u> | (i) Control unit to control                           |                                      |  |  |
|               | required annunciator?   | Na        | (ii) Control unit to trans                            | •                                    |  |  |
| ,             | 2.7 Annunciator or Sequential Displays  | Na        | (iii)Transponder to trans                             | -                                    |  |  |
| <b>√</b>      | Power on indicator operates?  |           | 2.2 Voice Communicati                                 | ion Inspection/Tests                 |  |  |
| <b>√</b>      | Individual alarm, supervisory zone indication operates.   | Na        | Power "ON" operates?                                  |                                      |  |  |
| Na            | (Exception: operation of each individual alarm and  | Na        | Common visual trouble                                 | signal operates?                     |  |  |
|               | supervisory zone indication, or lights the identical  | Na        | Common audible trouble                                | e signal operates?                   |  |  |
|               | indicators at the other annunciators and sequential display)  | Na        | Trouble signal silence sy                             | witch operates?                      |  |  |
|               | Specify method of confirmation  | Na        |   | cluding visual indicator operates?   |  |  |
|               | 1 7   | Na        |   | tive voice paging including visual   |  |  |
| ✓             | Minimum of 1 alarm zone and one supervisory zone tested   |           | indication operates?                                  |                                      |  |  |
|               | per annunciator or sequential display to confirm operation.   | Na        |   | tive voice paging trouble operation  |  |  |
| ✓             | Individual alarm and supervisory zone labels identified.  |           | including visual indicati                             |                                      |  |  |
| $\overline{}$ | Common trouble signal operates?   | Na        | ~   | oress to talk switch operates?       |  |  |
| Na            | Visual indicator test (lamp test) operates?   | Na        |   |                                      |  |  |
|               | Input wiring form control unit/transponder supervised   |           | inhibit time of alert and                             | ng does interfere with initial       |  |  |
| <del>'</del>  |   | NI.       |   |                                      |  |  |
|               | Alarm signal silence visual indicator operates?   | <u>Na</u> |   | erates on emergency power?           |  |  |
| na            | Switches for ancillary function operate as per design?  | Na        |   | olifier, system automatically        |  |  |
| Na            | Other ancillary functions visual indicators operate?  |           | transfers to backup ampl                              |                                      |  |  |
| Na            | Manual activation of alarm signal and indication operate?   | Na        |   |                                      |  |  |
| ✓             | Displays are visible in installed location?   |           | including audible and visual indication operates      |                                      |  |  |
|               | 2.9 Printer Testing   | Na        |   |                                      |  |  |
| Na            | Operation as per design and specification?  |           | two-way voice communication operates?                 |                                      |  |  |
| Na            | Zone of each alarm initiating device is correctly printed?  | Na        | a Circuits for emergency telephones trouble operation |                                      |  |  |
| Na            | Rated voltage is present?   |           | including visual indication operates?                 |                                      |  |  |
|               | 2.10 Data Communication Link Test (DCL)   | Na        | Emergency telephone verbal communication operates?    |                                      |  |  |
| Na            | Confirm that a trouble signal is receive at the control unit  | Na        | Emergency telephone or                                | perable or in-use tone at handset.   |  |  |
|               | or transponder under an open loop fault for each DCL  |           |   |                                      |  |  |
| Na            | Where fault isolation modules are installed in DCL serving  |           |   |                                      |  |  |
|               | field devices, wiring shall be shorted on the isolated side,  |           | 2.11 Ancillary Device (                               | Circuit Test                         |  |  |
|               | annunciation of the fault confirmed, and then a field   | Na        | Circuit –   | confirmed                            |  |  |
|               | device on the source side shall be operated, and activation   | Na        | Circuit –   | confirmed                            |  |  |
|               | confirmed at the control unit or transponder.   | Na        | Circuit –   | confirmed                            |  |  |
| Na            | Where a fault isolation in DCL is provided between  | Na        | Circuit –   | confirmed                            |  |  |
|               | control units/transponders and between  |           | •   |                                      |  |  |
| Na            | Transponders, introduce a short circuit fault and confirm   |           |   |                                      |  |  |
|               | Continued   |           |   |                                      |  |  |
|               | Continucu   |           |   |                                      |  |  |
|               |   |           |   |                                      |  |  |
| <u>dditio</u> | onal Comments:  |           |   |                                      |  |  |
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|                          |  | Date of Service:<br>July 2017     | Time: 7:00am          |                                  |  |  |  |  |
|--------------------------|--|-----------------------------------|-----------------------|----------------------------------|--|--|--|--|
|                          | ELLTE  | Annual In                         | spection              | Last Service Date: July 2016     |  |  |  |  |
|                          | FIRE   | Single Stage                      | Two Stage             | Direct Connection                |  |  |  |  |
| Unit 1 _ 336             | PROTECTION LTD 05 Maclure Road, Abbotsford, BC, V2S-7W2  |                                   |                       | □ yes □no                        |  |  |  |  |
| Omt 1 – 3300             | Office – 1-877-850-0014  | Manufacturer:<br>Edwasrds         |                       | Model #<br>EST-1                 |  |  |  |  |
| Building Name:           |  | Contact Person:                   |                       | Phone:                           |  |  |  |  |
| Mission Minimum Address: | – A-10   | Scott Verwold Owner:              |                       | 604-820-5758<br>Phone:           |  |  |  |  |
| 33737 Dewdney Tr         | Dewdney Trunk Road Corrections Canada 604-820-5  |                                   |                       |                                  |  |  |  |  |
| City:<br>Mission         | Postal Code:   | Fire Signal Receiving Cen         | Phone:<br>Acct:       |                                  |  |  |  |  |
| "Yes"- Accep             | otable "No" - Unacceptable (Explain No answe   | rs in comments)                   |                       |                                  |  |  |  |  |
| 165 110                  |  | ummai y                           |                       |                                  |  |  |  |  |
|                          | The entire fire alarm system has been inspected as   | nd tested in accordance wi        | th CAN/ULC S536       | 5                                |  |  |  |  |
|                          | The fire alarm system documentation is on site an  | d includes a description o        | f the system.         |                                  |  |  |  |  |
|                          | The fire alarm system is fully functional.   |                                   |                       |                                  |  |  |  |  |
|                          | The fire alarm system has deficiencies noted.  |                                   |                       |                                  |  |  |  |  |
|                          | A copy of this report is given to the Owner or the   | owner's representative.           |                       |                                  |  |  |  |  |
|                          | The Land of the Agent Ag | 4 Cl1-12-4                        |                       | 1                                |  |  |  |  |
|                          | NA Reconnect time limit c  |                                   |                       | _                                |  |  |  |  |
|                          | Reconnect ancillary fu   |                                   |                       | -                                |  |  |  |  |
|                          |  | nctions (off site connection      | ns)?                  | -                                |  |  |  |  |
|                          | Reconnect signal power   |                                   | ,                     | 1                                |  |  |  |  |
|                          |  | the testing is completed?         |                       |                                  |  |  |  |  |
|                          | Ensure that the alarm s  | ystem is functional?              |                       |                                  |  |  |  |  |
|                          |  |                                   |                       |                                  |  |  |  |  |
| Comment                  | 's   |                                   |                       |                                  |  |  |  |  |
|                          |  |                                   |                       |                                  |  |  |  |  |
|                          |  |                                   |                       |                                  |  |  |  |  |
|                          | SEE DEFIC  | CIENCY REPORT                     |                       |                                  |  |  |  |  |
|                          |  |                                   |                       |                                  |  |  |  |  |
|                          |  |                                   |                       |                                  |  |  |  |  |
|                          |  |                                   |                       |                                  |  |  |  |  |
| Letate that the inf      | mation on this form is correct at the time and place of  | paction, and that all assistances | vas tastad in conform | ca with applicable codes and the |  |  |  |  |
|                          | mation on this form is correct at the time and place of my inspirements and at this time was left in operational condition upon  |                                   |                       |                                  |  |  |  |  |
|                          | Allen Amy – FP0669   | 017 7:00am                        |                       |                                  |  |  |  |  |

Date

Time

Technician Stamp

Date: July 2017 Building Name: Mission Minimum – A10

"√" Yes - Tested correctly "X" No - Did not test correctly (Explain NO answers in comments) "NA" Not applicable

| 2.1          | Control Unit or Transponder Tests   | _ ✓      | Termination points from wiring to field devices secure          |
|--------------|---|----------|---|
| ✓            | Power on visual indicator operates?   |          | 2.6 Annunciator & Remote Trouble Test & Inspection              |
| <b>√</b>     | Common visual trouble signal operates?  | Na       | Power on indicator operates?                                    |
|              | Common audible trouble signal operates?   | Na       | Individual alarm and supervisory input zone clearly             |
|              | Trouble signal silence switch operates?   | Na       | indicated and separately designated?                            |
|              | Main Power supply failure trouble signal operates?  | Na       | Individual alarm and supervisory zone labels identified?        |
|              | Ground fault tested on positive and negative trouble signal   | Na       | Common trouble signal operates?                                 |
| Na           | Alert signal operation operates?  | Na       | Visual indicator test - Lamp test operates?                     |
|              | Alarm signal operation operates?  | Na       | Input wiring from control unit/transponder is supervised?       |
| Na           | Automatic transfer from alert to alarm signal operates?   | Na       | Alarm signal silence visual indicator operates?                 |
| Na           | Manual transfer from alert signal to alarm signal operates?   | Na       | Switches for ancillary function operate as per design?          |
| Na           | Auto transfer from alert to alarm signal cancel operates  | Na       | Other ancillary function visual indicators operate?             |
| Na           | Alarm signal silence inhibit function operates?   | Na       | Manual activation of alarm signal and indication operates?      |
| <b>√</b>     | Alarm signal manual silence operates?   | Na       | Displays are visible in installed location operates?            |
| <del></del>  | Alarm signal silence visual indication operates?  | Na       | Operates on emergency power?                                    |
| Na           | Alarm signal when silenced automatically reinitiates on   |          | 2.4 Power Supply Inspection                                     |
|              | subsequent alarm?   | <b>√</b> | Fused with mfgs marked rating of the system?                    |
| Na           | Alarm signal silence automatic cut-out timer?   | <b>√</b> | Adequate to meet the requirements of the system?                |
|              | Audible visual and alert and alarm signals programmed   |          | 2.8 Remote Trouble Signal Unit Test and Inspection              |
|              | and operate as per design & specification. (app C)  | Na       | Input wiring form control/transponder is supervised?            |
| <u> </u>     | Input circuit alarm and supervisory operation including   | Na       | Visual trouble signal operates?                                 |
|              | audible and visual indication operates?   | Na       | Audible trouble signal operates?                                |
| <u> </u>     | Input circuit supervision fault causes a trouble indication?  | Na       | Audible trouble signal silence operates?                        |
| <u>✓</u>     | Output circuit alarm indicators operate?  |          | 2.5 Emergency Power Supply Test and Inspection                  |
| <b>✓</b>     | Output circuit supervision fault causes a trouble indication?   | <u> </u> | Correct battery type as recommend by manufacturer?              |
| Na           | Visual indicator test (lamp test)?  | <b>√</b> | Correct rating as determined by battery calculations            |
| Na           | Coded signal sequence operates not less than the required   |          | based on full system load?                                      |
|              | number of times and the correct alarm signal thereafter.  | <b>✓</b> | Battery voltage main power on?25.1 Vdc?                         |
| Na           | Coded signal sequences are not interrupted by   | <b>✓</b> | Battery voltage and current with main power supply "off"        |
|              | subsequent alarms?  |          | and fire alarm in supervisory condition?                        |
| <u>Na</u>    | Ancillary circuit by-pass will result in a trouble signal?  | ,        | Voltage25.0DC Current0.12A                                      |
| <u> </u>     | Input circuit to output circuit operation including   | <b>✓</b> | Battery voltage and current with main power supply "off"        |
|              | ancillary device circuits, for correct program operation  |          | and fire alarm in full load alarm condition?                    |
| ✓            | as per design & spec. (App "C")   | ✓        | voltage 24.6 Vdc Current 0.31 A                                 |
| <del>'</del> | Fire alarm Reset operates?  |          | Charging current is0.38A  |
| Na Na        | Main power to emergency power supply transfer operates?<br>Status change confirmation (smoke detectors) verified      |          | Inspected for physical damage? Terminal cleaned and lubricated? |
| Na Na        | Receipt of alarm transmission to signal receiving center?   | <u>,</u> |   |
| Na Na        | Receipt of supervisory trans to signal receiving center?  | Na       | Terminals clamped tightly? Correct Electrolyte level?           |
|              | Receipt of supervisory trans to signal receiving center?  Receipt of trouble transmission to signal receiving center? |          |   |
| Na<br>Na     | Operation of the fire signal receiving center disconnect  | Na<br>Na | Specific gravity within mfg specifications? Electrolyte leaks?  |
| <u> 11a</u>  | results in a specific trouble indication at control unit?   |          | Adequately ventilated?  |
|              | 2.3 Control Unit or Transponder Inspection  | <u>'</u> | Battery mfg's date code or in-service date:2013                 |
| ✓            | Input circuit designations, correctly identified in relation  |          | Disconnection causes trouble signal?                            |
| <del></del>  | to connected field devices  | Na       | Indicate type of Battery Test Performed?                        |
| ✓            | Output circuit designations correctly identified in relation  | Na       | (1) supervisory load for 24h followed by full load operation.   |
|              | to connected field devices.   | Na       | (2) silent test by using load resister method -App F1           |
| ✓            | Correct designations-common control functions / indicators  | Na       | (3) Silent accelerated test – App F2                            |
|              | Plugin components and modules securely in place?  | Na       | (4) A battery capacity meter test App F3                        |
|              | Plugin cables securely in place   | Na       | (5) In lieu of battery tests, replace with new set              |
| Na           | Record date, revision and version of Firmware & software  |          | having current date code, as per mfg                            |
| Na           | Date: Rev: Ver:   | ✓        | Record calculated battery capacity App F44.5A h                 |
| <u> </u>     | Clean and free of dust and dirt?  | <b>√</b> | Record battery terminal voltage after testsV dc                 |
|              | Fuses in accordance with MFGs specification?  | <b>√</b> | Battery voltage not less than 85% of its rating after tests.    |
|              | Control Unit or transponder lock functional?  |          | Generator provides power to the AC circuit for FA syst.         |
|              | Constant of authopolitical fock functional:   |          | constator provides power to the ric elleuit for 171 syst.       |

Inspection and Testing of Fire Alarm Systems
Building Name: Mission Minimum – A10 Date: July 2017

| "√"Y     | es - Tested correctly "X" No - Did not test correctly (Ex    | plain NO | answers in commen         | nts) "NA" Not applicable              |
|----------|--|----------|---------------------------|---------------------------------------|
|          | 2.5 Emergency Power Supply Test and Inspection               |          | Annunciation of the far   | ult and operation outside the shorted |
| Na       | Trouble condition at the em gen shall result in an audible   |          | section between each p    | pair of:                              |
|          | common trouble signal and a visual indication at the         | Na       | (i) Control unit to cont  | rol unit                              |
|          | required annunciator?  | Na       | (ii) Control unit to tran | isponder                              |
|          | 2.7 Annunciator or Sequential Displays                       | Na       | (iii)Transponder to tran  |                                       |
| ✓        | Power on indicator operates?                                 |          | 2.2 Voice Communica       | •                                     |
| <b>√</b> | Individual alarm, supervisory zone indication operates.      | Na       | Power "ON" operates?      |                                       |
| Na       | (Exception: operation of each individual alarm and           | Na       | Common visual trouble     |                                       |
|          | supervisory zone indication, or lights the identical         | Na       | Common audible troub      |                                       |
|          | indicators at the other annunciators and sequential display) | Na       |                           |                                       |
|          | * * *  |          | Trouble signal silence    |                                       |
|          | Specify method of confirmation                               | Na<br>Na |                           | ncluding visual indicator operates?   |
| ./       |  | Na       |                           | ective voice paging including visual  |
|          | Minimum of 1 alarm zone and one supervisory zone tested      |          | indication operates?      |                                       |
| ,        | per annunciator or sequential display to confirm operation.  | Na       |                           | ective voice paging trouble operation |
| <b>√</b> | Individual alarm and supervisory zone labels identified.     |          | including visual indica   |                                       |
| ✓        | Common trouble signal operates?                              | Na       |                           | press to talk switch operates?        |
| Na       | Visual indicator test (lamp test) operates?                  | Na       |                           | ging does interfere with initial      |
| <b>✓</b> | Input wiring form control unit/transponder supervised        |          | inhibit time of alert and | d alarm signal?                       |
| ✓        | Alarm signal silence visual indicator operates?              | Na       |                           | perates on emergency power?           |
| na       | Switches for ancillary function operate as per design?       | Na       | Upon failure of one an    | nplifier, system automatically        |
| Na       | Other ancillary functions visual indicators operate?         |          | transfers to backup am    | plifier.                              |
| Na       | Manual activation of alarm signal and indication operate?    | Na       | Circuits for emergency    | telephone call in operation           |
| <b>√</b> | Displays are visible in installed location?                  |          |                           | visual indication operates            |
|          | 2.9 Printer Testing  | Na       |                           | telephone for operation, including    |
| Na       | Operation as per design and specification?                   |          | two-way voice commu       |                                       |
| Na       | Zone of each alarm initiating device is correctly printed?   | Na       | -                         | telephones trouble operation          |
| Na       | Rated voltage is present?                                    |          | including visual indica   |                                       |
|          | 2.10 Data Communication Link Test (DCL)                      | Na       |                           | verbal communication operates?        |
| Na       | Confirm that a trouble signal is receive at the control unit | Na       |                           | operable or in-use tone at handset.   |
|          | or transponder under an open loop fault for each DCL         |          | Emergency telephone (     | operable of in use tone at nameset.   |
| Na       | Where fault isolation modules are installed in DCL serving   |          |                           |                                       |
|          | field devices, wiring shall be shorted on the isolated side, |          | 2.11 Ancillary Device     | Circuit Tost                          |
|          | annunciation of the fault confirmed, and then a field        | Na       | Circuit –                 | confirmed                             |
|          | device on the source side shall be operated, and activation  | Na       | Circuit –                 | confirmed                             |
|          | confirmed at the control unit or transponder.                | Na       | Circuit –                 | confirmed                             |
| No       |  | Na       |                           | confirmed                             |
| Na       | Where a fault isolation in DCL is provided between           |          | Circuit –                 | commined                              |
| NI.      | control units/transponders and between                       |          |                           |                                       |
| Na       | Transponders, introduce a short circuit fault and confirm    |          |                           |                                       |
|          | Continued  |          |                           |                                       |
|          |  |          |                           |                                       |
| Additio  | onal Comments:   |          |                           |                                       |
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|   |  |               |                           | Date of Service: Time:           |            |                                 |                            |            |
|---|--|---------------|---------------------------|----------------------------------|------------|---------------------------------|----------------------------|------------|
| ELITE   |  | July          | Annual Inspection         |                                  |            | Last Service Date:<br>July 2016 |                            |            |
|   | FIRE   |               |                           | Single Stage                     | Two S      | Stage                           |                            | Connection |
| Unit 1 – 33   | PROTECTION<br>3605 Maclure Road, Abbot   |               |                           |                                  |            | ]                               | □ yes □no                  |            |
| Office – 1-877-850-0014   |  |               | Edwa                      | Manufacturer:<br>Edwasrds        |            |                                 | Model #<br>EST-1<br>Phone: |            |
| Building Name:  |  |               | 0 0                       | Contact Person:<br>Scott Verwold |            |                                 |                            | 58         |
| Mission Minimum – A-11 Address:   |  |               |                           | Owner:                           |            |                                 |                            | 36         |
| 33737 Dewdney   |  |               |                           | Corrections Canada               |            |                                 |                            | 58         |
| City:<br>Mission  | Po   | ostal Code:   | Fire                      | Fire Signal Receiving Centre:    |            |                                 |                            |            |
| IVIISSIOII  |  |               |                           |                                  |            |                                 | Acct:                      |            |
| "Ves"- Acc  | eptable "No" - Unaccepta   | able (Exnlai  | n No answers in co        | mments)                          |            |                                 |                            |            |
| Yes No  |  | abie (Enplui  | Summar                    |                                  |            |                                 |                            |            |
| ,   |  |               |                           | V                                |            |                                 |                            |            |
|   | The entire fire alarm syst   | tem has been  | inspected and teste       | d in accordance w                | ith CAN/UL | C S536                          |                            |            |
|   | The fire alarm system documentation is on site and includes a description of the system. |               |                           |                                  |            |                                 |                            |            |
|   | The fire alarm system is fully functional.   |               |                           |                                  |            |                                 |                            |            |
|   | The fire alarm system has deficiencies noted.  |               |                           |                                  |            |                                 |                            |            |
|   | A copy of this report is given to the Owner or the owner's representative.               |               |                           |                                  |            |                                 |                            |            |
|   | A copy of this report is g   | iven to the C | Owner or the owner        | s representative.                |            |                                 |                            |            |
|   |  | Technicia     | ns After-test Chec        | klist                            |            |                                 |                            |            |
|   | NA Reconnect time limit cutouts?   |               |                           |                                  |            |                                 |                            |            |
|   |  | Reconnect     | ancillary functions       | ?                                |            |                                 |                            |            |
|   | NA   | Reconnect     | ancillary functions       | nctions (off site connections)?  |            |                                 |                            |            |
|   |  |               | signal power?             |                                  |            |                                 |                            |            |
|   |  |               | the testing is completed? |                                  |            |                                 |                            |            |
|   |  | Ensure that   | t the alarm system i      | s functional?                    |            |                                 |                            |            |
|   |  |               |                           |                                  |            |                                 |                            |            |
| Comme   | nts  |               |                           |                                  |            |                                 |                            |            |
|   |  |               |                           |                                  |            |                                 |                            |            |
|   |  |               |                           |                                  |            |                                 |                            |            |
| SEE DEFICIENCY REPORT   |  |               |                           |                                  |            |                                 |                            |            |
|   |  |               |                           |                                  |            |                                 |                            |            |
|   |  |               |                           |                                  |            |                                 |                            |            |
|   |  |               |                           |                                  |            |                                 |                            |            |
|   |  |               |                           |                                  |            |                                 |                            |            |
| I state that the information on this form is correct at the time and place of my inspection, and that all equipment was tested in conformance with applicable codes and the Manufacturers requirements and at this time was left in operational condition upon completion of this inspection except as noted in comments. |  |               |                           |                                  |            |                                 |                            |            |
| Allen Amy – FP0669  |  |               |                           |                                  |            |                                 |                            |            |
|   |  |               | July 2017                 | 7:00am                           |            |                                 |                            |            |

Date

Time

Technician Stamp

Date: July 2017 Building Name: Mission Minimum – A11

"√" Yes - Tested correctly "X" No - Did not test correctly (Explain NO answers in comments) "NA" Not applicable

| 2.1         | Control Unit or Transponder Tests  | ✓            | Termination points from wiring to field devices secure          |
|-------------|--|--------------|---|
| ✓           | Power on visual indicator operates?  |              | 2.6 Annunciator & Remote Trouble Test & Inspection              |
| <b>√</b>    | Common visual trouble signal operates?   | Na           | Power on indicator operates?                                    |
|             | Common audible trouble signal operates?  | Na           | Individual alarm and supervisory input zone clearly             |
|             | Trouble signal silence switch operates?  | Na           | indicated and separately designated?                            |
|             | Main Power supply failure trouble signal operates?   | Na           | Individual alarm and supervisory zone labels identified?        |
|             | Ground fault tested on positive and negative trouble signal  | Na           | Common trouble signal operates?                                 |
| Na          | Alert signal operation operates?   | Na           | Visual indicator test - Lamp test operates?                     |
|             | Alarm signal operation operates?   | Na           | Input wiring from control unit/transponder is supervised?       |
| Na          | Automatic transfer from alert to alarm signal operates?  | Na           | Alarm signal silence visual indicator operates?                 |
| Na          | Manual transfer from alert signal to alarm signal operates?  | Na           | Switches for ancillary function operate as per design?          |
| Na          | Auto transfer from alert to alarm signal cancel operates   | Na           | Other ancillary function visual indicators operate?             |
| Na          | Alarm signal silence inhibit function operates?  | Na           | Manual activation of alarm signal and indication operates?      |
| <b>√</b>    | Alarm signal manual silence operates?  | Na           | Displays are visible in installed location operates?            |
| <del></del> | Alarm signal silence visual indication operates?   | Na           | Operates on emergency power?                                    |
| Na          | Alarm signal when silenced automatically reinitiates on  |              | 2.4 Power Supply Inspection                                     |
|             | subsequent alarm?  | <b>√</b>     | Fused with mfgs marked rating of the system?                    |
| Na          | Alarm signal silence automatic cut-out timer?  | <b>√</b>     | Adequate to meet the requirements of the system?                |
|             | Audible visual and alert and alarm signals programmed  |              | 2.8 Remote Trouble Signal Unit Test and Inspection              |
|             | and operate as per design & specification. (app C)   | Na           | Input wiring form control/transponder is supervised?            |
| <u> </u>    | Input circuit alarm and supervisory operation including  | Na           | Visual trouble signal operates?                                 |
|             | audible and visual indication operates?  | Na           | Audible trouble signal operates?                                |
| <u> </u>    | Input circuit supervision fault causes a trouble indication?   | Na           | Audible trouble signal silence operates?                        |
| <u>✓</u>    | Output circuit alarm indicators operate?   |              | 2.5 Emergency Power Supply Test and Inspection                  |
| <b>✓</b>    | Output circuit supervision fault causes a trouble indication?  | <u> </u>     | Correct battery type as recommend by manufacturer?              |
| Na          | Visual indicator test (lamp test)?   | <b>√</b>     | Correct rating as determined by battery calculations            |
| Na          | Coded signal sequence operates not less than the required  |              | based on full system load?                                      |
|             | number of times and the correct alarm signal thereafter.   | <b>✓</b>     | Battery voltage main power on?25.3 Vdc?                         |
| Na          | Coded signal sequences are not interrupted by  | <b>✓</b>     | Battery voltage and current with main power supply "off"        |
|             | subsequent alarms?   |              | and fire alarm in supervisory condition?                        |
| <u>Na</u>   | Ancillary circuit by-pass will result in a trouble signal?   | ,            | Voltage25.1DC Current0.10A                                      |
| <u> </u>    | Input circuit to output circuit operation including  | <b>✓</b>     | Battery voltage and current with main power supply "off"        |
|             | ancillary device circuits, for correct program operation   |              | and fire alarm in full load alarm condition?                    |
| ✓           | as per design & spec. (App "C")  | ✓            | voltage 25.0 Vdc Current 0.26 A                                 |
| · ·         | Fire alarm Reset operates?   | <u>,</u>     | Charging current is0.21A  |
| Na          | Main power to emergency power supply transfer operates?<br>Status change confirmation (smoke detectors) verified       | <del>'</del> | Inspected for physical damage? Terminal cleaned and lubricated? |
| Na Na       | Receipt of alarm transmission to signal receiving center?  | <u>,</u>     | Terminal cleaned and horicated? Terminals clamped tightly?      |
| Na          | Receipt of supervisory trans to signal receiving center?   | Na           | Correct Electrolyte level?                                      |
| Na          | Receipt of supervisory trains to signal receiving center?  Receipt of trouble transmission to signal receiving center? | Na           | Specific gravity within mfg specifications?                     |
|             | Operation of the fire signal receiving center disconnect   |              | Electrolyte leaks?  |
| <u> 11a</u> | results in a specific trouble indication at control unit?  |              | Adequately ventilated?  |
|             | 2.3 Control Unit or Transponder Inspection   |              | Battery mfg's date code or in-service date:2017                 |
| ✓           | Input circuit designations, correctly identified in relation   |              | Disconnection causes trouble signal?                            |
| <del></del> | to connected field devices   | Na           | Indicate type of Battery Test Performed?                        |
| ✓           | Output circuit designations correctly identified in relation   | Na           | (1) supervisory load for 24h followed by full load operation.   |
|             | to connected field devices.  | Na           | (2) silent test by using load resister method -App F1           |
| ✓           | Correct designations-common control functions / indicators   | Na           | (3) Silent accelerated test – App F2                            |
|             | Plugin components and modules securely in place?   | Na           | (4) A battery capacity meter test App F3                        |
|             | Plugin cables securely in place  | Na           | (5) In lieu of battery tests, replace with new set              |
| Na          | Record date, revision and version of Firmware & software   |              | having current date code, as per mfg                            |
| Na          | Date: Rev: Ver:  | ✓            | Record calculated battery capacity App F44.5A h                 |
| <u> </u>    | Clean and free of dust and dirt?   | <b>√</b>     | Record battery terminal voltage after testsV dc                 |
|             | Fuses in accordance with MFGs specification?   | <b>√</b>     | Battery voltage not less than 85% of its rating after tests.    |
|             | Control Unit or transponder lock functional?   |              | Generator provides power to the AC circuit for FA syst.         |
|             | Constant of authopolitical fock functional:  |              | conclusion provides power to the ric elleuit for 171 syst.      |

Inspection and Testing of Fire Alarm Systems
Building Name: Mission Minimum – A11 Date: July 2017

| "√"Y         | es - Tested correctly "X" No - Did not test correctly (Ex  | plain NO  | answers in comments         | ) "NA" Not applicable              |
|--------------|--|-----------|-----------------------------|------------------------------------|
|              | 2.5 Emergency Power Supply Test and Inspection   |           | Annunciation of the fault   | and operation outside the shorted  |
| Na           | Trouble condition at the em gen shall result in an audible   |           | section between each pair   | r of:                              |
|              | common trouble signal and a visual indication at the   | Na        | (i) Control unit to control | l unit                             |
|              | required annunciator?  | Na        | (ii) Control unit to transp | onder                              |
|              | 2.7 Annunciator or Sequential Displays   | Na        | (iii)Transponder to transp  |                                    |
| ✓            | Power on indicator operates?   |           | 2.2 Voice Communication     |                                    |
| <b>√</b>     | Individual alarm, supervisory zone indication operates.  | Na        | Power "ON" operates?        | inspection rests                   |
| Na           | (Exception: operation of each individual alarm and   | Na        | Common visual trouble si    | ignal operates?                    |
|              | supervisory zone indication, or lights the identical   | Na        | Common audible trouble      |                                    |
|              | indicators at the other annunciators and sequential display)   | Na        | Trouble signal silence sw   |                                    |
|              | Specify method of confirmation   | Na        |                             | uding visual indicator operates?   |
|              | specify method of committation   | Na        |                             | ive voice paging including visual  |
| 1            | Minimum of 1 alarm zone and one supervisory zone tested  | 114       | indication operates?        | ive voice paging including visual  |
|              |  | Na        | _                           |                                    |
| ✓            | per annunciator or sequential display to confirm operation.  |           |                             | ive voice paging trouble operation |
| ·            | Individual alarm and supervisory zone labels identified.   | NI.       | including visual indicatio  |                                    |
|              | Common trouble signal operates?  | Na<br>Na  |                             | ess to talk switch operates?       |
| Na<br>✓      | Visual indicator test (lamp test) operates?  | Na        |                             | g does interfere with initial      |
| <del>-</del> | Input wiring form control unit/transponder supervised  | NI.       | inhibit time of alert and a |                                    |
|              | Alarm signal silence visual indicator operates?  | Na<br>Na  |                             | rates on emergency power?          |
| na<br>N-     | Switches for ancillary function operate as per design?   | <u>Na</u> |                             | ifier, system automatically        |
| Na<br>Na     | Other ancillary functions visual indicators operate?   | NI.       | transfers to backup ampli   |                                    |
| Na ✓         | Manual activation of alarm signal and indication operate?  | <u>Na</u> | Circuits for emergency te   |                                    |
|              | Displays are visible in installed location?  | NT.       | including audible and vis   |                                    |
| NI.          | 2.9 Printer Testing  | Na        |                             | elephone for operation, including  |
| Na<br>Na     | Operation as per design and specification?   | NT.       | two-way voice communic      | •                                  |
| Na<br>Na     | Zone of each alarm initiating device is correctly printed?   | <u>Na</u> |                             | elephones trouble operation        |
| Na           | Rated voltage is present?  | NT.       | including visual indicatio  |                                    |
| No           | 2.10 Data Communication Link Test (DCL)  | Na<br>No  |                             | bal communication operates?        |
| Na           | Confirm that a trouble signal is receive at the control unit   | <u>Na</u> | Emergency telephone ope     | erable or in-use tone at handset.  |
| Na           | or transponder under an open loop fault for each DCL<br>Where fault isolation modules are installed in DCL serving |           |                             |                                    |
| 114          | field devices, wiring shall be shorted on the isolated side,   |           | 2.11 Ancillary Device Ci    | imanit Test                        |
|              | annunciation of the fault confirmed, and then a field  | Na        | Circuit –                   | confirmed                          |
|              | device on the source side shall be operated, and activation  | Na        | Circuit –                   | confirmed                          |
|              | confirmed at the control unit or transponder.  | Na        | Circuit –                   | confirmed                          |
| Na           | Where a fault isolation in DCL is provided between   | Na        | Circuit –                   | confirmed                          |
| 114          | control units/transponders and between   | 1144      | Circuit –                   | commined                           |
| Na           | Transponders, introduce a short circuit fault and confirm  |           |                             |                                    |
|              | Continued  |           |                             |                                    |
| Additio      | onal Comments:   |           |                             |                                    |
|              |  |           |                             |                                    |
|              |  |           |                             |                                    |
|              |  |           |                             |                                    |
|              |  |           |                             |                                    |
|              |  |           |                             |                                    |
|              |  |           |                             |                                    |
|              |  |           |                             |                                    |
|              |  |           |                             |                                    |
|              |  |           |                             |                                    |
|              |  |           |                             |                                    |
|              |  |           |                             |                                    |

|                             |   |   | Date of Service:<br>July 2017 |                | ime:<br>:00am     |                    |
|-----------------------------|---|---|-------------------------------|----------------|-------------------|--------------------|
| ELITE                       |   |   | Annual Ir                     | spection       |                   | vice Date:         |
|                             | PROTECTIO                                   | NITO  | Single Stage                  | Two Sta        | 120               | ect Connection     |
| <br>  Unit 1 = 33           | 605 Maclure Road, Abbo                      |   |                               |                | _   _             | ∃ yes □no          |
|                             | Office – 1-877-850                          |   | Manufacturer:<br>Edwasrds     |                | Model #<br>EST-1  |                    |
| Building Name:              | . 10  |   | Contact Person:               |                | Phone:            | 5550               |
| Mission Minimur<br>Address: | m – A-12                                    |   | Scott Verwold Owner:          |                | 604-820<br>Phone: | -5/58              |
| 33737 Dewdney               |   | N. 4-1 C. 1.  | Corrections Canada            | 4              | 604-820           | -5758              |
| City:<br>Mission            | r   | Postal Code:  | Fire Signal Receiving Cen     | itre:          | Phone:<br>Acct:   |                    |
|                             |   |   |                               |                |                   |                    |
|                             | eptable "No" - Unaccept                     | table (Explain No answer  |                               |                |                   | 7                  |
| Yes No                      |   | Su  | ımmary                        |                |                   | _                  |
|                             | The entire fire alarm sys                   | stem has been inspected an  | nd tested in accordance w     | ith CAN/ULC    | S536              | <del>-</del><br>-  |
|                             | The fire alarm system d                     | ocumentation is on site and   | d includes a description of   | of the system. |                   | -                  |
|                             | The fire alarm system is                    | fully functional.   |                               |                |                   |                    |
|                             | The fire alarm system h                     | as deficiencies noted.  |                               |                |                   |                    |
|                             | A copy of this report is                    | given to the Owner or the   | owner's representative.       |                |                   |                    |
|                             |   | Technicians After-test  | t Checklist                   |                |                   |                    |
|                             | NA  | Reconnect time limit cu   |                               |                |                   |                    |
|                             |   | Reconnect ancillary fur   |                               |                |                   |                    |
|                             | NA  |   | nctions (off site connection  | ons)?          |                   |                    |
|                             |   | Reconnect signal power  |                               |                |                   |                    |
|                             |   | Ensure that the alarm sy  | the testing is completed?     | <u> </u>       |                   |                    |
|                             |   | Ensure that the ararm sy  | ystem is functionar?          |                |                   |                    |
| Commen                      | nts   |   |                               |                |                   |                    |
|                             |   |   |                               |                |                   |                    |
|                             |   |   |                               |                |                   |                    |
|                             |   | SEE DEFIC   | CIENCY REPORT                 |                |                   |                    |
|                             |   |   |                               |                |                   |                    |
|                             |   |   |                               |                |                   |                    |
|                             |   |   |                               |                |                   |                    |
| Latata that the time to     | remotion on this face: ! !                  | at the time and place of  | postion and that alli         | was tosted : C | ormanas with1     | blo godos and 41   |
|                             |   | at the time and place of my insp<br>left in operational condition upo |                               |                |                   | ible codes and the |
| Matt                        | Allen Amy – FP0669<br>hew Kowalenko – FP109 | July 20   | 7:00am                        |                |                   |                    |

Date

Time

Technician Stamp

Date: July 2017 Building Name: Mission Minimum – A12

" $\sqrt{}$ " Yes - Tested correctly "X" No - Did not test correctly (Explain NO answers in comments) "NA" Not applicable

| 2.1          | Control Unit or Transponder Tests  | <b>√</b>       | Termination points from wiring to field devices secure  |
|--------------|--|----------------|---|
| <u> </u>     | Power on visual indicator operates?  |                | 2.6 Annunciator & Remote Trouble Test & Inspection  |
| <u> </u>     | Common visual trouble signal operates?   | Na             | Power on indicator operates?  |
| <u> ✓</u>    | Common audible trouble signal operates?  | Na             | Individual alarm and supervisory input zone clearly   |
| <b>√</b>     | Trouble signal silence switch operates?  | Na             | indicated and separately designated?  |
| <b>√</b>     | Main Power supply failure trouble signal operates?   | Na             | Individual alarm and supervisory zone labels identified?  |
| <u> </u>     | Ground fault tested on positive and negative trouble signal  | Na             | Common trouble signal operates?   |
| Na           | Alert signal operation operates?   | Na             | Visual indicator test - Lamp test operates?   |
| <b>✓</b>     | Alarm signal operation operates?   | Na             | Input wiring from control unit/transponder is supervised?   |
| Na           | Automatic transfer from alert to alarm signal operates?  | Na             | Alarm signal silence visual indicator operates?   |
| Na           | Manual transfer from alert signal to alarm signal operates?  | Na             | Switches for ancillary function operate as per design?  |
| Na           | Auto transfer from alert to alarm signal cancel operates   | Na             | Other ancillary function visual indicators operate?   |
| Na           | Alarm signal silence inhibit function operates?  | Na             | Manual activation of alarm signal and indication operates?  |
| <b>√</b>     | Alarm signal manual silence operates?  | Na             | Displays are visible in installed location operates?  |
| <u> ✓</u>    | Alarm signal silence visual indication operates?   | Na             | Operates on emergency power?  |
| Na           | Alarm signal when silenced automatically reinitiates on  |                | 2.4 Power Supply Inspection   |
|              | subsequent alarm?  | <u> </u>       | Fused with mfgs marked rating of the system?  |
|              | Alarm signal silence automatic cut-out timer?  | <u> </u>       | Adequate to meet the requirements of the system?  |
| <b>√</b>     | Audible visual and alert and alarm signals programmed  |                | 2.8 Remote Trouble Signal Unit Test and Inspection  |
|              | and operate as per design & specification. (app C)   | Na             | Input wiring form control/transponder is supervised?  |
| <u>✓</u>     | Input circuit alarm and supervisory operation including  | Na             | Visual trouble signal operates?   |
|              | audible and visual indication operates?  | Na             | Audible trouble signal operates?  |
| <u>✓</u>     | Input circuit supervision fault causes a trouble indication?   | Na             | Audible trouble signal silence operates?  |
| <u>√</u>     | Output circuit alarm indicators operate?   |                | 2.5 Emergency Power Supply Test and Inspection  |
| <b>✓</b>     | Output circuit supervision fault causes a trouble indication?  | <b>√</b>       | Correct battery type as recommend by manufacturer?  |
| Na           | Visual indicator test (lamp test)?   | <b>√</b>       | Correct rating as determined by battery calculations  |
| Na           | Coded signal sequence operates not less than the required  |                | based on full system load?  |
|              | number of times and the correct alarm signal thereafter.   | <b>✓</b>       | Battery voltage main power on?25.8 Vdc?   |
| Na           | Coded signal sequences are not interrupted by  | <b>✓</b>       | Battery voltage and current with main power supply "off"  |
|              | subsequent alarms?   |                | and fire alarm in supervisory condition?  |
| <u>Na</u>    | Ancillary circuit by-pass will result in a trouble signal?   |                | Voltage25.4DC Current0.11A  |
| <u> </u>     | Input circuit to output circuit operation including  | <del></del>    | Battery voltage and current with main power supply "off"  |
|              | ancillary device circuits, for correct program operation   |                | and fire alarm in full load alarm condition?  |
| ./           | as per design & spec. (App "C")  | ,              | voltage 25.1 Vdc Current 0.31 A   |
| <del>√</del> | Fire alarm Reset operates?   | <del>-/-</del> | Charging current is0.22A  |
|              | Main power to emergency power supply transfer operates?  | <del></del>    | inspected for projectal durings.  |
| Na Na        | Status change confirmation (smoke detectors) verified  | <del></del>    | Terminal cleaned and lubricated?  |
| Na<br>Na     | Receipt of alarm transmission to signal receiving center?  |                | Terminals clamped tightly?  |
| Na Na        | Receipt of supervisory trans to signal receiving center?   | Na Na          | Correct Electrolyte level?  |
| Na Na        | Receipt of trouble transmission to signal receiving center?  | Na             | Specific gravity within mfg specifications?   |
| Na           | Operation of the fire signal receiving center disconnect   | Na<br>✓        | Electrolyte leaks?  |
|              | results in a specific trouble indication at control unit?  | <del>'</del>   | Adequately ventilated?  |
| ✓            | <b>2.3 Control Unit or Transponder Inspection</b> Input circuit designations, correctly identified in relation | <del></del>    | Battery mfg's date code or in-service date:2017   |
| <u> </u>     | to connected field devices   |                | Disconnection causes trouble signal?  |
| ✓            |  | Na<br>Na       | Indicate type of Battery Test Performed? (1) supervisory load for 24h followed by full load operation.  |
| <u> </u>     | Output circuit designations correctly identified in relation to connected field devices.                       | Na             | (2) silent test by using load resister method -App F1   |
| ✓            |  | Na Na          |   |
|              | Correct designations-common control functions / indicators<br>Plugin components and modules securely in place? | Na Na          | <ul><li>(3) Silent accelerated test – App F2</li><li>(4) A battery capacity meter test App F3</li></ul> |
|              | Plugin components and modules securely in place? Plugin cables securely in place                               | Na Na          | (4) A battery capacity meter test App F3 (5) In lieu of battery tests, replace with new set             |
| Na           | Record date, revision and version of Firmware & software   | 114            | having current date code, as per mfg  |
| Na Na        | Date: Rev: Ver:  | ✓              | Record calculated battery capacity App F44.5A h   |
|              | Clean and free of dust and dirt?   | <del>'</del>   | Record battery terminal voltage after testsV dc   |
|              | Fuses in accordance with MFGs specification?   | <del>'</del>   | Battery voltage not less than 85% of its rating after tests.  |
|              | Control Unit or transponder lock functional?   |                | Generator provides power to the AC circuit for FA syst.   |
|              | Condoi Chit of dansponder fock functional:   |                | Generator provides power to the AC cheuit for TA syst.  |

Inspection and Testing of Fire Alarm Systems
Building Name: Mission Minimum – A12 Date: July 2017

| "√"Y     | es - Tested correctly "X" No - Did not test correctly (Ex    | plain NO  | answers in commen          | ts) "NA" Not applicable               |
|----------|--|-----------|----------------------------|---------------------------------------|
|          | 2.5 Emergency Power Supply Test and Inspection               |           | Annunciation of the fau    | alt and operation outside the shorted |
| Na       | Trouble condition at the em gen shall result in an audible   |           | section between each pa    | air of:                               |
|          | common trouble signal and a visual indication at the         | Na        | (i) Control unit to contr  | ol unit                               |
|          | required annunciator?  | Na        | (ii) Control unit to trans | sponder                               |
|          | 2.7 Annunciator or Sequential Displays                       | Na        | (iii)Transponder to tran   |                                       |
| ✓        | Power on indicator operates?                                 |           | 2.2 Voice Communicate      | •                                     |
| <b>√</b> | Individual alarm, supervisory zone indication operates.      | Na        | Power "ON" operates?       | 2001 2115 P0001014 1 0505             |
| Na       | (Exception: operation of each individual alarm and           | Na        | Common visual trouble      | signal operates?                      |
|          | supervisory zone indication, or lights the identical         | Na        | Common audible troub       |                                       |
|          | indicators at the other annunciators and sequential display) | Na        |                            | -                                     |
|          |  |           | Trouble signal silence s   |                                       |
|          | Specify method of confirmation                               | Na<br>Na  |                            | cluding visual indicator operates?    |
| ./       | 76.1   | Na        |                            | ctive voice paging including visual   |
|          | Minimum of 1 alarm zone and one supervisory zone tested      |           | indication operates?       |                                       |
| ,        | per annunciator or sequential display to confirm operation.  | Na        |                            | ctive voice paging trouble operation  |
| <u>√</u> | Individual alarm and supervisory zone labels identified.     |           | including visual indicat   |                                       |
| ✓        | Common trouble signal operates?                              | <u>Na</u> |                            | press to talk switch operates?        |
| Na       | Visual indicator test (lamp test) operates?                  | Na        |                            | ing does interfere with initial       |
| <b>√</b> | Input wiring form control unit/transponder supervised        |           | inhibit time of alert and  | l alarm signal?                       |
| ✓        | Alarm signal silence visual indicator operates?              | Na        |                            | perates on emergency power?           |
| na       | Switches for ancillary function operate as per design?       | Na        | Upon failure of one am     | plifier, system automatically         |
| Na       | Other ancillary functions visual indicators operate?         |           | transfers to backup amp    | olifier.                              |
| Na       | Manual activation of alarm signal and indication operate?    | Na        | Circuits for emergency     | telephone call in operation           |
| <b>√</b> | Displays are visible in installed location?                  |           |                            | visual indication operates            |
|          | 2.9 Printer Testing  | Na        |                            | telephone for operation, including    |
| Na       | Operation as per design and specification?                   |           | two-way voice commun       |                                       |
| Na       | Zone of each alarm initiating device is correctly printed?   | Na        | -                          | telephones trouble operation          |
| Na       | Rated voltage is present?                                    |           | including visual indicat   |                                       |
|          | 2.10 Data Communication Link Test (DCL)                      | Na        |                            | rerbal communication operates?        |
| Na       | Confirm that a trouble signal is receive at the control unit | Na        |                            | operable or in-use tone at handset.   |
|          | or transponder under an open loop fault for each DCL         |           | Emergency telephone o      | peruble of in use tone at handset.    |
| Na       | Where fault isolation modules are installed in DCL serving   |           |                            |                                       |
|          | field devices, wiring shall be shorted on the isolated side, |           | 2.11 Ancillary Device      | Circuit Tost                          |
|          | annunciation of the fault confirmed, and then a field        | Na        | Circuit –                  | confirmed                             |
|          | device on the source side shall be operated, and activation  | Na        | Circuit –                  | confirmed                             |
|          | confirmed at the control unit or transponder.                | Na        | Circuit –                  | confirmed                             |
| Na       | Where a fault isolation in DCL is provided between           | Na        | Circuit –                  | confirmed                             |
| -114     |  | 114       | Circuit –                  | commined                              |
| Na       | control units/transponders and between                       |           |                            |                                       |
| - Na     | Transponders, introduce a short circuit fault and confirm    |           |                            |                                       |
|          | Continued  |           |                            |                                       |
|          |  |           |                            |                                       |
| Additio  | nal Comments:  |           |                            |                                       |
|          |  |           |                            |                                       |
|          |  |           |                            |                                       |
|          |  |           |                            |                                       |
|          |  |           |                            |                                       |
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|          |  |           |                            |                                       |
|          |  |           |                            |                                       |
|          |  |           |                            |                                       |
|          |  |           |                            |                                       |
|          |  |           |                            |                                       |

|                                    |  |                      |                                    | Date of So             |                    |            | Time:     |                 |                   |
|------------------------------------|--|----------------------|------------------------------------|------------------------|--------------------|------------|-----------|-----------------|-------------------|
| ELITE                              |  |                      | July 2017 7:00am Annual Inspection |                        |                    | 7:00am     | Logt Com  | vice Date:      |                   |
|                                    |  |                      |                                    | Annual Ins             | pection            |            | July 201  |                 |                   |
|                                    | PROTECT  | ONLTD                |                                    | Sing                   | gle Stage          | Two        | Stage     |                 | ect Connection    |
| Unit 1 23                          | 3605 Maclure Road, A                                     |                      | WAS AMA                            |                        |                    |            |           | L               | ] yes □no         |
| Oiiit 1 – 33                       | Office – 1-877-  |                      | V 23-7 W 2                         | Manufact               | urer:              |            |           | Model #         |                   |
|                                    | Office 1 077   | 050 0014             |                                    | Edwasrds               | <u> </u>           |            |           | EST-1           |                   |
| Building Name:<br>Mission Minimu   | m _ A-13   |                      |                                    | Contact F<br>Scott Ver |                    |            |           | Phone: 604-820- | 5758              |
| Address:                           | m 11-13  |                      |                                    | Owner:                 | Word               |            |           | Phone:          | 5756              |
| 33737 Dewdney                      | Trunk Road   | D (10.1              |                                    |                        | ns Canada          |            |           | 604-820-        | 5758              |
| City:<br>Mission                   |  | Postal Code:         |                                    | Fire Sign              | al Receiving Centr | e:         |           | Phone:<br>Acct: |                   |
|                                    |  |                      |                                    | •                      |                    |            |           |                 |                   |
|                                    |  |                      |                                    |                        |                    |            |           |                 |                   |
|                                    | eptable "No" - Unac                                      | ceptable (Expla      |                                    |                        | nents)             |            |           |                 | 1                 |
| Yes No                             |  |                      | Sui                                | mmary                  |                    |            |           |                 |                   |
|                                    | The entire fire alarn                                    | a system has been    | n inspected and                    | d tostad in            | accordance with    | h CAN/II   | I C \$536 |                 |                   |
|                                    | The entire me aram                                       | i system nas beer    | i ilispected alic                  | u testeu III           | accordance with    | II CAIN/ U | LC 3550   |                 |                   |
|                                    | The fire alarm syste                                     | m documentation      | n is on site and                   | lincludes              | a description of   | the syster | n.        |                 |                   |
|                                    | The fire alarm syste                                     | m is fully functio   | nnol                               |                        |                    |            |           |                 |                   |
|                                    | The me alaim syste                                       | in is fully fullculo | ліаі.<br>—                         |                        |                    |            |           |                 |                   |
|                                    | The fire alarm syste                                     | m has deficiencie    | es noted.                          |                        |                    |            |           |                 |                   |
|                                    | A copy of this repor                                     | t is given to the (  | Owner or the o                     | wner's re              | nresentative       |            |           |                 |                   |
|                                    | 11 copy of this repor                                    | t is given to the v  | owner or the c                     | owner sie              | presentative.      |            |           |                 |                   |
|                                    |  | Technicia            | ns After-test                      | Checklist              | t                  |            |           |                 |                   |
|                                    | N/   |                      | t time limit cut                   |                        |                    |            |           |                 |                   |
|                                    |  |                      | t ancillary fund                   |                        |                    |            |           |                 |                   |
|                                    | N/   |                      |                                    |                        | site connections   | s)?        |           |                 |                   |
|                                    |  | -                    | t signal power                     |                        |                    |            |           |                 |                   |
|                                    |  |                      |                                    |                        | is completed?      |            |           |                 |                   |
|                                    |  | Ensure that          | at the alarm sy                    | stem is fu             | nctional?          |            |           |                 |                   |
|                                    |  |                      |                                    |                        |                    |            |           |                 |                   |
| Commei                             | nts  |                      |                                    |                        |                    |            |           |                 |                   |
|                                    | 113  |                      |                                    |                        |                    |            |           |                 |                   |
|                                    |  |                      |                                    |                        |                    |            |           |                 |                   |
|                                    |  |                      | TEE DEEK                           | IENOV                  | DEDODT             |            |           |                 |                   |
|                                    |  |                      | SEE DEFIC                          | IENC Y                 | REPORT             |            |           |                 |                   |
|                                    |  |                      |                                    |                        |                    |            |           |                 |                   |
|                                    |  |                      |                                    |                        |                    |            |           |                 |                   |
|                                    |  |                      |                                    |                        |                    |            |           |                 |                   |
| Takasa da da da da                 | S4:41: C   |                      | -1f                                | 4: 1.:                 | -4 -11'            |            | C         |                 | L1 d 1.d          |
|                                    | formation on this form is conquirements and at this time |                      |                                    |                        |                    |            |           |                 | ole codes and the |
|                                    | Allen Amy – FP0669                                       | )                    |                                    |                        |                    |            |           |                 |                   |
| Matthew Kowalenko – FP1093 July 20 |  |                      |                                    | 17                     | 7:00am             |            |           |                 |                   |

Time

Date

Technician Stamp

Date: July 2017 Building Name: Mission Minimum – A13

"V" Yes - Tested correctly "X" No - Did not test correctly (Explain NO answers in comments) "NA" Not applicable

| 2.1   | Control Unit or Transponder Tests   | ✓         | Termination points from wiring to field devices secure           |
|---|---|-----------|--|
| ✓   | Power on visual indicator operates?   |           | 2.6 Annunciator & Remote Trouble Test & Inspection               |
| <b>✓</b>                                      | Common visual trouble signal operates?  | Na        | Power on indicator operates?                                     |
| <b>√</b>                                      | Common audible trouble signal operates?   | Na        | Individual alarm and supervisory input zone clearly              |
| <b>✓</b>                                      | Trouble signal silence switch operates?   | Na        | indicated and separately designated?                             |
| <b>✓</b>                                      | Main Power supply failure trouble signal operates?  | Na        | Individual alarm and supervisory zone labels identified?         |
| <b>✓</b>                                      | Ground fault tested on positive and negative trouble signal   | Na        | Common trouble signal operates?                                  |
| Na  | Alert signal operation operates?  | Na        | Visual indicator test - Lamp test operates?                      |
| <b>✓</b>                                      | Alarm signal operation operates?  | Na        | Input wiring from control unit/transponder is supervised?        |
| Na  | Automatic transfer from alert to alarm signal operates?   | Na        | Alarm signal silence visual indicator operates?                  |
| Na  | Manual transfer from alert signal to alarm signal operates?   | Na        | Switches for ancillary function operate as per design?           |
| Na  | Auto transfer from alert to alarm signal cancel operates  | Na        | Other ancillary function visual indicators operate?              |
| Na  | Alarm signal silence inhibit function operates?   | Na        | Manual activation of alarm signal and indication operates?       |
| <b>✓</b>                                      | Alarm signal manual silence operates?   | Na        | Displays are visible in installed location operates?             |
| _   | Alarm signal silence visual indication operates?  | Na        | Operates on emergency power?                                     |
| Na  | Alarm signal when silenced automatically reinitiates on   | . <u></u> | 2.4 Power Supply Inspection                                      |
|   | subsequent alarm?   | ✓         | Fused with mfgs marked rating of the system?                     |
| Na  | Alarm signal silence automatic cut-out timer?   | <b>√</b>  | Adequate to meet the requirements of the system?                 |
|   | Audible visual and alert and alarm signals programmed   |           | 2.8 Remote Trouble Signal Unit Test and Inspection               |
|   | and operate as per design & specification. (app C)  | Na        | Input wiring form control/transponder is supervised?             |
| <u> </u>                                      | Input circuit alarm and supervisory operation including   | Na        | Visual trouble signal operates?                                  |
|   | audible and visual indication operates?   | Na        | Audible trouble signal operates?                                 |
|   | Input circuit supervision fault causes a trouble indication?  | Na        | Audible trouble signal silence operates?                         |
| <u> </u>                                      | Output circuit alarm indicators operate?  |           | 2.5 Emergency Power Supply Test and Inspection                   |
| <b>✓</b>                                      | Output circuit supervision fault causes a trouble indication?   | <u> </u>  | Correct battery type as recommend by manufacturer?               |
| Na  | Visual indicator test (lamp test)?  | <b>√</b>  | Correct rating as determined by battery calculations             |
| Na  | Coded signal sequence operates not less than the required   |           | based on full system load?                                       |
|   | number of times and the correct alarm signal thereafter.  | <b>✓</b>  | Battery voltage main power on?25.9 Vdc?                          |
| Na  | Coded signal sequences are not interrupted by   | <u> ✓</u> | Battery voltage and current with main power supply "off"         |
|   | subsequent alarms?  |           | and fire alarm in supervisory condition?                         |
| Na  | Ancillary circuit by-pass will result in a trouble signal?  | ,         | Voltage25.3DC Current0.11A                                       |
| <b>√</b>                                      | Input circuit to output circuit operation including   | <b>✓</b>  | Battery voltage and current with main power supply "off"         |
|   | ancillary device circuits, for correct program operation  |           | and fire alarm in full load alarm condition?                     |
| ✓   | as per design & spec. (App "C")   | ✓         | voltage 25.1 Vdc Current 0.31 A                                  |
| <u>,                                     </u> | Fire alarm Reset operates?  |           | Charging current is0.22A   |
| Na  | Main power to emergency power supply transfer operates?  Status change confirmation (smoke detectors) verified        |           | Inspected for physical damage? Terminal cleaned and lubricated?  |
| Na Na   | Receipt of alarm transmission to signal receiving center?   | <u> </u>  | Terminals clamped tightly?                                       |
| Na  | Receipt of adam transmission to signal receiving center?  Receipt of supervisory trans to signal receiving center?    | Na        | Correct Electrolyte level?                                       |
| Na  | Receipt of supervisory trans to signal receiving center?  Receipt of trouble transmission to signal receiving center? | Na        | Specific gravity within mfg specifications?                      |
|   | Operation of the fire signal receiving center disconnect  |           | Electrolyte leaks?   |
|   | results in a specific trouble indication at control unit?   |           | Adequately ventilated?   |
|   | 2.3 Control Unit or Transponder Inspection  | <u>√</u>  | Battery mfg's date code or in-service date:2017                  |
| ✓   | Input circuit designations, correctly identified in relation  | <u>√</u>  | Disconnection causes trouble signal?                             |
|   | to connected field devices  | Na        | Indicate type of Battery Test Performed?                         |
| ✓   | Output circuit designations correctly identified in relation  | Na        | (1) supervisory load for 24h followed by full load operation.    |
| -   | to connected field devices.   | Na        | (2) silent test by using load resister method -App F1            |
| ✓   | Correct designations-common control functions / indicators  | Na        | (3) Silent accelerated test – App F2                             |
| _   | Plugin components and modules securely in place?  | Na        | (4) A battery capacity meter test App F3                         |
|   | Plugin cables securely in place   | Na        | (5) In lieu of battery tests, replace with new set               |
| Na  | Record date, revision and version of Firmware & software  |           | having current date code, as per mfg                             |
| Na  | Date: Rev: Ver:   | ✓         | Record calculated battery capacity App F44.5A h                  |
| <u> </u>                                      | Clean and free of dust and dirt?  | <u>√</u>  | Record battery terminal voltage after testsV dc                  |
| <b>✓</b>                                      | Fuses in accordance with MFGs specification?  | <u>√</u>  | Battery voltage not less than 85% of its rating after tests.     |
| _   | Control Unit or transponder lock functional?  |           | Generator provides power to the AC circuit for FA syst.          |
|   | Smi of manaponeer took functional.  |           | Distribution provides position to the rice encurrent first byte. |

Inspection and Testing of Fire Alarm Systems
Building Name: Mission Minimum – A13 Date: July 2017

| "√"Y                 | es - Tested correctly "X" No - Did not test correctly (Ex    | plain NO  | answers in comments) '         | "NA" Not applicable              |
|----------------------|--|-----------|--------------------------------|----------------------------------|
|                      | 2.5 Emergency Power Supply Test and Inspection               |           |                                | nd operation outside the shorted |
| Na                   | Trouble condition at the em gen shall result in an audible   |           | section between each pair of   |                                  |
|                      | common trouble signal and a visual indication at the         | Na        | (i) Control unit to control u  |                                  |
|                      | required annunciator?  | Na        | (ii) Control unit to transpor  |                                  |
|                      | 2.7 Annunciator or Sequential Displays                       | Na        | (iii)Transponder to transpor   |                                  |
| ✓                    | Power on indicator operates?                                 |           | 2.2 Voice Communication        |                                  |
| <b>√</b>             | Individual alarm, supervisory zone indication operates.      | Na        | Power "ON" operates?           | Inspection rests                 |
| Na                   | (Exception: operation of each individual alarm and           | Na        | Common visual trouble sign     | nal operates?                    |
|                      | supervisory zone indication, or lights the identical         | Na        | Common audible trouble si      |                                  |
|                      | indicators at the other annunciators and sequential display) | Na        | Trouble signal silence switch  |                                  |
|                      | Specify method of confirmation                               | Na        |                                | ding visual indicator operates?  |
|                      | specify method of committation                               | Na        |                                | e voice paging including visual  |
| ✓                    | Minimum of 1 alarm zone and one supervisory zone tested      | 114       | indication operates?           | s voice paging including visual  |
|                      |  | No        | -                              | ii                               |
| ✓                    | per annunciator or sequential display to confirm operation.  | <u>Na</u> |                                | e voice paging trouble operation |
| \ \rightarrow\tag{'} | Individual alarm and supervisory zone labels identified.     | NT.       | including visual indication    |                                  |
|                      | Common trouble signal operates?                              | Na<br>Na  | Microphone including press     |                                  |
| Na ✓                 | Visual indicator test (lamp test) operates?                  | Na        | Operation of voice paging of   |                                  |
|                      | Input wiring form control unit/transponder supervised        | **        | inhibit time of alert and alar | S                                |
| <b>√</b>             | Alarm signal silence visual indicator operates?              | Na        | All call voice paging operat   |                                  |
| na                   | Switches for ancillary function operate as per design?       | Na        | Upon failure of one amplifi    |                                  |
| Na                   | Other ancillary functions visual indicators operate?         |           | transfers to backup amplifie   |                                  |
| Na                   | Manual activation of alarm signal and indication operate?    | Na        | Circuits for emergency telep   |                                  |
| <u> </u>             | Displays are visible in installed location?                  |           | including audible and visua    |                                  |
|                      | 2.9 Printer Testing  | Na        |                                | phone for operation, including   |
| Na                   | Operation as per design and specification?                   |           | two-way voice communicat       |                                  |
| Na                   | Zone of each alarm initiating device is correctly printed?   | Na        | Circuits for emergency tele    |                                  |
| <u>Na</u>            | Rated voltage is present?                                    |           | including visual indication    |                                  |
|                      | 2.10 Data Communication Link Test (DCL)                      | Na        | Emergency telephone verba      |                                  |
| Na Na                | Confirm that a trouble signal is receive at the control unit | Na        | Emergency telephone opera      | able or in-use tone at handset.  |
|                      | or transponder under an open loop fault for each DCL         |           |                                |                                  |
| <u>Na</u>            | Where fault isolation modules are installed in DCL serving   |           |                                |                                  |
|                      | field devices, wiring shall be shorted on the isolated side, | **        | 2.11 Ancillary Device Circ     |                                  |
|                      | annunciation of the fault confirmed, and then a field        | Na Na     | Circuit –                      | confirmed                        |
|                      | device on the source side shall be operated, and activation  | <u>Na</u> | Circuit –                      | confirmed                        |
|                      | confirmed at the control unit or transponder.                | Na Na     | Circuit –                      | confirmed                        |
| Na                   | Where a fault isolation in DCL is provided between           | Na        | Circuit –                      | confirmed                        |
| NT.                  | control units/transponders and between                       |           |                                |                                  |
| <u>Na</u>            | Transponders, introduce a short circuit fault and confirm    |           |                                |                                  |
|                      | Continued  |           |                                |                                  |
|                      |  |           |                                |                                  |
| Additio              | nal Comments:  |           |                                |                                  |
|                      |  |           |                                |                                  |
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|                      |  |           |                                |                                  |

|                                    |  |                       |                                    | Date of Sei   | vice:              |             | Time:       |                 |                   |
|------------------------------------|--|-----------------------|------------------------------------|---------------|--------------------|-------------|-------------|-----------------|-------------------|
| ELITE                              |  |                       | July 2017 7:00am Annual Inspection |               |                    | 7:00am      | Logt Com    | vice Date:      |                   |
|                                    |  |                       |                                    | Annuai insp   | ection             |             | July 201    |                 |                   |
|                                    | FUR  | E                     |                                    | Singl         | e Stage            | Two         | Stage       |                 | ect Connection    |
| TT 1: 1 00                         | PROTECT  |                       | 100 51110                          |               |                    |             | ]           |                 | ] yes □no         |
| Unit $1-33$                        | 3605 Maclure Road, A<br>Office – 1-877-                  |                       | V2S-7W2                            | Manufactu     | ror•               |             |             | Model #         |                   |
|                                    | Office – 1-8//-  | 830-0014              |                                    | Edwasrds      | irei.              |             |             | EST-1           |                   |
| Building Name:<br>Mission Minimu   | m A 14   |                       |                                    | Contact Pe    |                    |             |             | Phone: 604-820- | E7EQ              |
| Address:                           | III – A-14   |                       |                                    | Owner:        | olu                |             |             | Phone:          | 3736              |
| 33737 Dewdney                      | Trunk Road   |                       |                                    | Correction    |                    |             |             | 604-820-        | 5758              |
| City:<br>Mission                   |  | Postal Code:          |                                    | Fire Signa    | l Receiving Centre | :           |             | Phone:<br>Acct: |                   |
| TTISSIOII                          |  |                       | l                                  | I             |                    |             |             | 11000           |                   |
|                                    |  |                       |                                    |               |                    |             |             |                 |                   |
|                                    | eptable "No" - Unac                                      | ceptable (Explai      |                                    |               | ents)              |             |             |                 | 1                 |
| Yes No                             |  |                       | Sur                                | mmary         |                    |             |             |                 |                   |
|                                    | The entire fire alarn                                    | a system has been     | n inspected and                    | d tostad in   | nagardanga with    | CANIJII     | C \$526     |                 |                   |
|                                    | The entire me aram                                       | i system nas beer     | i ilispected and                   | u testeu III  | accordance with    | CAIN/UI     | .C 3550     |                 |                   |
|                                    | The fire alarm syste                                     | m documentation       | is on site and                     | includes a    | description of th  | ne systen   | l.          |                 |                   |
|                                    |  |                       |                                    |               |                    |             |             |                 |                   |
|                                    | The fire alarm syste                                     | m is fully function   | onal.                              |               |                    |             |             |                 |                   |
|                                    | The fire alarm syste                                     | m has deficiencie     | es noted.                          |               |                    |             |             |                 |                   |
|                                    |  |                       | 2                                  |               |                    |             |             |                 |                   |
|                                    | A copy of this repor                                     | t is given to the (   | Owner or the o                     | owner's rep   | resentative.       |             |             |                 |                   |
|                                    |  | Technicia             | ns After-test                      | Checklist     |                    |             |             |                 |                   |
|                                    | N/   |                       | t time limit cut                   |               |                    |             |             |                 |                   |
|                                    |  | Reconnec              | t ancillary func                   | ctions?       |                    |             |             |                 |                   |
|                                    | N/   |                       |                                    |               | site connections)  | )?          |             |                 |                   |
|                                    |  |                       | t signal power:                    |               |                    |             |             |                 |                   |
|                                    |  |                       | e department t                     |               |                    |             |             |                 |                   |
|                                    |  | Ensure that           | at the alarm sys                   | stem is fun   | ctional?           |             |             |                 |                   |
|                                    |  |                       |                                    |               |                    |             |             |                 |                   |
| Commei                             | nte  |                       |                                    |               |                    |             |             |                 |                   |
|                                    | 113  |                       |                                    |               |                    |             |             |                 |                   |
|                                    |  |                       |                                    |               |                    |             |             |                 |                   |
|                                    |  |                       | TEE DEELGI                         | IENIGNI       | NEDODE.            |             |             |                 |                   |
|                                    |  |                       | SEE DEFICI                         | IENCY F       | REPORT             |             |             |                 |                   |
|                                    |  |                       |                                    |               |                    |             |             |                 |                   |
|                                    |  |                       |                                    |               |                    |             |             |                 |                   |
|                                    |  |                       |                                    |               |                    |             |             |                 |                   |
| I state that the !                 | formation on this form !                                 | react at the time and | nlage of my incr-                  | ation and the | nt all aguirmant   | tostad in - | anformana - | with annlie-1   | ble godes and the |
|                                    | formation on this form is conquirements and at this time |                       |                                    |               |                    |             |             |                 | ole codes and the |
|                                    | Allen Amy – FP0669                                       | )                     |                                    |               |                    |             |             |                 |                   |
| Matthew Kowalenko – FP1093 July 20 |  |                       |                                    | 17            | 7:00am             |             |             |                 |                   |

Time

Date

Technician Stamp

Date: July 2017 Building Name: Mission Minimum – A14

"V" Yes - Tested correctly "X" No - Did not test correctly (Explain NO answers in comments) "NA" Not applicable

| 2.1          | Control Unit or Transponder Tests   | ✓            | Termination points from wiring to field devices secure          |
|--------------|---|--------------|---|
| ✓            | Power on visual indicator operates?   |              | 2.6 Annunciator & Remote Trouble Test & Inspection              |
| <b>√</b>     | Common visual trouble signal operates?  | Na           | Power on indicator operates?                                    |
|              | Common audible trouble signal operates?   | Na           | Individual alarm and supervisory input zone clearly             |
|              | Trouble signal silence switch operates?   | Na           | indicated and separately designated?                            |
|              | Main Power supply failure trouble signal operates?  | Na           | Individual alarm and supervisory zone labels identified?        |
|              | Ground fault tested on positive and negative trouble signal   | Na           | Common trouble signal operates?                                 |
| Na           | Alert signal operation operates?  | Na           | Visual indicator test - Lamp test operates?                     |
|              | Alarm signal operation operates?  | Na           | Input wiring from control unit/transponder is supervised?       |
| Na           | Automatic transfer from alert to alarm signal operates?   | Na           | Alarm signal silence visual indicator operates?                 |
| Na           | Manual transfer from alert signal to alarm signal operates?   | Na           | Switches for ancillary function operate as per design?          |
| Na           | Auto transfer from alert to alarm signal cancel operates  | Na           | Other ancillary function visual indicators operate?             |
| Na           | Alarm signal silence inhibit function operates?   | Na           | Manual activation of alarm signal and indication operates?      |
| <b>√</b>     | Alarm signal manual silence operates?   | Na           | Displays are visible in installed location operates?            |
| <del></del>  | Alarm signal silence visual indication operates?  | Na           | Operates on emergency power?                                    |
| Na           | Alarm signal when silenced automatically reinitiates on   |              | 2.4 Power Supply Inspection                                     |
|              | subsequent alarm?   | <b>√</b>     | Fused with mfgs marked rating of the system?                    |
| Na           | Alarm signal silence automatic cut-out timer?   |              | Adequate to meet the requirements of the system?                |
|              | Audible visual and alert and alarm signals programmed   |              | 2.8 Remote Trouble Signal Unit Test and Inspection              |
|              | and operate as per design & specification. (app C)  | Na           | Input wiring form control/transponder is supervised?            |
| <u> </u>     | Input circuit alarm and supervisory operation including   | Na           | Visual trouble signal operates?                                 |
|              | audible and visual indication operates?   | Na           | Audible trouble signal operates?                                |
| <u> </u>     | Input circuit supervision fault causes a trouble indication?  | Na           | Audible trouble signal silence operates?                        |
| <u> </u>     | Output circuit alarm indicators operate?  |              | 2.5 Emergency Power Supply Test and Inspection                  |
| <b>✓</b>     | Output circuit supervision fault causes a trouble indication?   | <u>✓</u>     | Correct battery type as recommend by manufacturer?              |
| Na           | Visual indicator test (lamp test)?  | <b>✓</b>     | Correct rating as determined by battery calculations            |
| Na           | Coded signal sequence operates not less than the required   |              | based on full system load?                                      |
|              | number of times and the correct alarm signal thereafter.  | <b>✓</b>     | Battery voltage main power on?25.8 Vdc?                         |
| Na           | Coded signal sequences are not interrupted by   | <b>✓</b>     | Battery voltage and current with main power supply "off"        |
|              | subsequent alarms?  |              | and fire alarm in supervisory condition?                        |
| <u>Na</u>    | Ancillary circuit by-pass will result in a trouble signal?  | ,            | Voltage25.6DC Current0.11A                                      |
| <u> </u>     | Input circuit to output circuit operation including   | <u>✓</u>     | Battery voltage and current with main power supply "off"        |
|              | ancillary device circuits, for correct program operation  |              | and fire alarm in full load alarm condition?                    |
| ./           | as per design & spec. (App "C")   | ./           | voltage25.0Vdc Current0.43A                                     |
| <del>/</del> | Fire alarm Reset operates?  | <del>/</del> | Charging current is0.13A  |
| Na Na        | Main power to emergency power supply transfer operates?<br>Status change confirmation (smoke detectors) verified      |              | Inspected for physical damage? Terminal cleaned and lubricated? |
| Na Na        | Receipt of alarm transmission to signal receiving center?   | <del>'</del> |   |
|              | Receipt of supervisory trans to signal receiving center?  | Na           | Terminals clamped tightly? Correct Electrolyte level?           |
| Na<br>Na     | Receipt of supervisory trans to signal receiving center?  Receipt of trouble transmission to signal receiving center? | Na           | Specific gravity within mfg specifications?                     |
|              | Operation of the fire signal receiving center disconnect  |              | Electrolyte leaks?  |
| <u> 11a</u>  | results in a specific trouble indication at control unit?   |              | Adequately ventilated?  |
|              | 2.3 Control Unit or Transponder Inspection  |              | Battery mfg's date code or in-service date:2017                 |
| ✓            | Input circuit designations, correctly identified in relation  |              | Disconnection causes trouble signal?                            |
| <del></del>  | to connected field devices  | Na           | Indicate type of Battery Test Performed?                        |
| ✓            | Output circuit designations correctly identified in relation  | Na           | (1) supervisory load for 24h followed by full load operation.   |
|              | to connected field devices.   | Na           | (2) silent test by using load resister method -App F1           |
| ✓            | Correct designations-common control functions / indicators  | Na           | (3) Silent accelerated test – App F2                            |
|              | Plugin components and modules securely in place?  | Na           | (4) A battery capacity meter test App F3                        |
|              | Plugin cables securely in place   | Na           | (5) In lieu of battery tests, replace with new set              |
| Na           | Record date, revision and version of Firmware & software  |              | having current date code, as per mfg                            |
| Na           | Date: Rev: Ver:   | ✓            | Record calculated battery capacity App F44.5A h                 |
| <u> </u>     | Clean and free of dust and dirt?  | <b>√</b>     | Record battery terminal voltage after testsV dc                 |
|              | Fuses in accordance with MFGs specification?  | <b>√</b>     | Battery voltage not less than 85% of its rating after tests.    |
|              | Control Unit or transponder lock functional?  |              | Generator provides power to the AC circuit for FA syst.         |
|              | Constant of authopolitical fock functional:   |              | conclusion provides power to the ric elleuit for 171 syst.      |

Inspection and Testing of Fire Alarm Systems
Building Name: Mission Minimum – A14 Date: July 2017

| "√"∖     | Yes - Tested correctly "X" No - Did not test correctly (Ex   | xplain NO | answers in commer         | nts) "NA" Not applicable              |
|----------|--|-----------|---------------------------|---------------------------------------|
|          | 2.5 Emergency Power Supply Test and Inspection               |           |                           | ult and operation outside the shorted |
| Na       | Trouble condition at the em gen shall result in an audible   |           | section between each p    | pair of:                              |
|          | common trouble signal and a visual indication at the         | Na        | (i) Control unit to cont  | trol unit                             |
|          | required annunciator?  | Na        | (ii) Control unit to trar | nsponder                              |
|          | 2.7 Annunciator or Sequential Displays                       | Na        | (iii)Transponder to tran  |                                       |
| ✓        | Power on indicator operates?                                 |           |                           | ation Inspection/Tests                |
| <b>√</b> | Individual alarm, supervisory zone indication operates.      | Na        | Power "ON" operates?      |                                       |
| Na       | (Exception: operation of each individual alarm and           | Na        | Common visual troubl      |                                       |
|          | supervisory zone indication, or lights the identical         | Na        | Common audible troub      |                                       |
|          | indicators at the other annunciators and sequential display) | Na        |                           |                                       |
|          | *                      |           | Trouble signal silence    |                                       |
|          | Specify method of confirmation                               | Na<br>Na  |                           | ncluding visual indicator operates?   |
| 1        |  | Na        |                           | ective voice paging including visual  |
|          | Minimum of 1 alarm zone and one supervisory zone tested      |           | indication operates?      |                                       |
| ,        | per annunciator or sequential display to confirm operation.  | Na        |                           | ective voice paging trouble operation |
| <u>√</u> | _ Individual alarm and supervisory zone labels identified.   |           | including visual indica   |                                       |
| ✓        | Common trouble signal operates?                              | Na        |                           | press to talk switch operates?        |
| Na       | Visual indicator test (lamp test) operates?                  | Na        |                           | ging does interfere with initial      |
| <b>✓</b> | Input wiring form control unit/transponder supervised        |           | inhibit time of alert and | d alarm signal?                       |
| ✓        | Alarm signal silence visual indicator operates?              | Na        |                           | pperates on emergency power?          |
| na       | Switches for ancillary function operate as per design?       | Na        | Upon failure of one an    | nplifier, system automatically        |
| Na       | Other ancillary functions visual indicators operate?         |           | transfers to backup am    | plifier.                              |
| Na       | Manual activation of alarm signal and indication operate?    | Na        | Circuits for emergency    | telephone call in operation           |
| <b>√</b> | Displays are visible in installed location?                  |           | including audible and     | visual indication operates            |
|          | 2.9 Printer Testing  | Na        |                           | telephone for operation, including    |
| Na       | Operation as per design and specification?                   |           | two-way voice commu       |                                       |
| Na       | Zone of each alarm initiating device is correctly printed?   | Na        | -                         | telephones trouble operation          |
| Na       | Rated voltage is present?                                    |           | including visual indica   |                                       |
|          | 2.10 Data Communication Link Test (DCL)                      | Na        |                           | verbal communication operates?        |
| Na       | Confirm that a trouble signal is receive at the control unit | Na        |                           | operable or in-use tone at handset.   |
|          | or transponder under an open loop fault for each DCL         |           | Emergency telephone       | operation of in use tone at nameset.  |
| Na       | Where fault isolation modules are installed in DCL serving   |           |                           |                                       |
|          | field devices, wiring shall be shorted on the isolated side, |           | 2.11 Ancillary Device     | Circuit Test                          |
|          | annunciation of the fault confirmed, and then a field        | Na        | Circuit –                 | confirmed                             |
|          | device on the source side shall be operated, and activation  | Na        | Circuit –                 | confirmed                             |
|          | confirmed at the control unit or transponder.                | Na        | Circuit –                 | confirmed                             |
| Na       | Where a fault isolation in DCL is provided between           | Na        | Circuit –                 | confirmed                             |
| -114     | control units/transponders and between                       | -114      | Circuit –                 | Commined                              |
| Na       | Transponders, introduce a short circuit fault and confirm    |           |                           |                                       |
| 114      | Continued  |           |                           |                                       |
|          | Continued  |           |                           |                                       |
|          |  |           |                           |                                       |
| Additio  | onal Comments:   |           |                           |                                       |
|          |  |           |                           |                                       |
|          |  |           |                           |                                       |
|          |  |           |                           |                                       |
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|          |  |           | -                         |                                       |
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|          |  |           |                           |                                       |
|          |  |           |                           |                                       |
|          |  |           |                           |                                       |
|          |  |           | -                         |                                       |

|                  |  |   | Date of Service:                               | Time:                   |                                 |  |  |  |  |
|------------------|--|---|--|-------------------------|---------------------------------|--|--|--|--|
| ELITE            |  |   | July 2017  Annual Ins                          | 7:00am<br>spection      | Last Service Date:<br>July 2016 |  |  |  |  |
|                  |  | FURE  | Single Stage                                   | Two Stage               | Direct Connection               |  |  |  |  |
| Uni              | t 1 – 33   | PROTECTION LTD<br>3605 Maclure Road, Abbotsford, BC, V2S-7W2      |  |                         | □ yes □no                       |  |  |  |  |
|                  |  | Office – 1-877-850-0014   | Manufacturer:<br>Edwasrds                      |                         | Model #<br>EST-1                |  |  |  |  |
| Building         |  | m – A-15  | Contact Person:<br>Scott Verwold               |                         | Phone:<br>604-820-5758          |  |  |  |  |
| Address          | :  |   | Owner:   |                         | Phone:                          |  |  |  |  |
| 33737 D<br>City: | ewdney   | Trunk Road Postal Code:   | Corrections Canada Fire Signal Receiving Cents |                         | 604-820-5758<br>Phone:          |  |  |  |  |
| Mission          |  | Postai Coue:  | Fire Signal Receiving Cent                     | re:                     | Acct:                           |  |  |  |  |
| "Yes             | "Yes"- Acceptable "No" - Unacceptable (Explain No answers in comments) |   |  |                         |                                 |  |  |  |  |
| 2 05             | 110  |   | <del></del>                                    |                         |                                 |  |  |  |  |
|                  |  | The entire fire alarm system has been inspected ar                | nd tested in accordance wit                    | th CAN/ULC S536         |                                 |  |  |  |  |
|                  | $\boxtimes$  | The fire alarm system documentation is on site an                 | d includes a description of                    | the system.             |                                 |  |  |  |  |
| $\boxtimes$      |  | The fire alarm system is fully functional.                        |  |                         |                                 |  |  |  |  |
| $\boxtimes$      |  | The fire alarm system has deficiencies noted.                     |  |                         |                                 |  |  |  |  |
| $\boxtimes$      |  | A copy of this report is given to the Owner or the                | owner's representative.                        |                         |                                 |  |  |  |  |
|                  |  | Technicians After-tes   | 4 Charlist                                     |                         |                                 |  |  |  |  |
|                  |  | NA Reconnect time limit cu  |  |                         |                                 |  |  |  |  |
|                  |  | Reconnect ancillary fur   |  |                         |                                 |  |  |  |  |
|                  |  |   | nctions (off site connection                   | ıs)?                    |                                 |  |  |  |  |
|                  |  | Reconnect signal powe   |  | ,                       |                                 |  |  |  |  |
|                  |  |   | the testing is completed?                      |                         |                                 |  |  |  |  |
|                  |  | Ensure that the alarm s   | ystem is functional?                           |                         |                                 |  |  |  |  |
|                  |  |   |  |                         |                                 |  |  |  |  |
| Col              | mmei   | nts   |  |                         |                                 |  |  |  |  |
|                  |  |   |  |                         |                                 |  |  |  |  |
|                  |  | and Depte   | STELLOW DEDODE                                 |                         |                                 |  |  |  |  |
|                  |  | SEE DEFIC   | CIENCY REPORT                                  |                         |                                 |  |  |  |  |
|                  |  |   |  |                         |                                 |  |  |  |  |
|                  |  |   |  |                         |                                 |  |  |  |  |
|                  |  |   |  |                         |                                 |  |  |  |  |
|                  |  | ormation on this form is correct at the time and place of my insp |  |                         |                                 |  |  |  |  |
| Manufac          | cturers rec  | quirements and at this time was left in operational condition upo | on completion of this inspection e             | except as noted in comn | nents.                          |  |  |  |  |
|                  |  | Allen Amy – FP0669  |  | 1                       |                                 |  |  |  |  |

July 2017

Date

7:00am

Time

Matthew Kowalenko – FP1093

Technician Stamp

Date: July 2017 Building Name: Mission Minimum – A15

"V" Yes - Tested correctly "X" No - Did not test correctly (Explain NO answers in comments) "NA" Not applicable

| 2.1          | Control Unit or Transponder Tests  | ✓            | Termination points from wiring to field devices secure          |
|--------------|--|--------------|---|
| ✓            | Power on visual indicator operates?  |              | 2.6 Annunciator & Remote Trouble Test & Inspection              |
| <b>√</b>     | Common visual trouble signal operates?   | Na           | Power on indicator operates?                                    |
|              | Common audible trouble signal operates?  | Na           | Individual alarm and supervisory input zone clearly             |
|              | Trouble signal silence switch operates?  | Na           | indicated and separately designated?                            |
|              | Main Power supply failure trouble signal operates?   | Na           | Individual alarm and supervisory zone labels identified?        |
|              | Ground fault tested on positive and negative trouble signal  | Na           | Common trouble signal operates?                                 |
| Na           | Alert signal operation operates?   | Na           | Visual indicator test - Lamp test operates?                     |
|              | Alarm signal operation operates?   | Na           | Input wiring from control unit/transponder is supervised?       |
| Na           | Automatic transfer from alert to alarm signal operates?  | Na           | Alarm signal silence visual indicator operates?                 |
| Na           | Manual transfer from alert signal to alarm signal operates?  | Na           | Switches for ancillary function operate as per design?          |
| Na           | Auto transfer from alert to alarm signal cancel operates   | Na           | Other ancillary function visual indicators operate?             |
| Na           | Alarm signal silence inhibit function operates?  | Na           | Manual activation of alarm signal and indication operates?      |
| <b>√</b>     | Alarm signal manual silence operates?  | Na           | Displays are visible in installed location operates?            |
| <del></del>  | Alarm signal silence visual indication operates?   | Na           | Operates on emergency power?                                    |
| Na           | Alarm signal when silenced automatically reinitiates on  | . <u></u>    | 2.4 Power Supply Inspection                                     |
|              | subsequent alarm?  | ✓            | Fused with mfgs marked rating of the system?                    |
| Na           | Alarm signal silence automatic cut-out timer?  | <b>✓</b>     | Adequate to meet the requirements of the system?                |
|              | Audible visual and alert and alarm signals programmed  |              | 2.8 Remote Trouble Signal Unit Test and Inspection              |
|              | and operate as per design & specification. (app C)   | Na           | Input wiring form control/transponder is supervised?            |
| <u> </u>     | Input circuit alarm and supervisory operation including  | Na           | Visual trouble signal operates?                                 |
|              | audible and visual indication operates?  | Na           | Audible trouble signal operates?                                |
| <u> </u>     | Input circuit supervision fault causes a trouble indication?   | Na           | Audible trouble signal silence operates?                        |
| <u> </u>     | Output circuit alarm indicators operate?   |              | 2.5 Emergency Power Supply Test and Inspection                  |
| <b>✓</b>     | Output circuit supervision fault causes a trouble indication?  | <u> </u>     | Correct battery type as recommend by manufacturer?              |
| Na           | Visual indicator test (lamp test)?   | <b>√</b>     | Correct rating as determined by battery calculations            |
| Na           | Coded signal sequence operates not less than the required  |              | based on full system load?                                      |
|              | number of times and the correct alarm signal thereafter.   | <b>✓</b>     | Battery voltage main power on?25.8 Vdc?                         |
| Na           | Coded signal sequences are not interrupted by  | <u> ✓</u>    | Battery voltage and current with main power supply "off"        |
|              | subsequent alarms?   |              | and fire alarm in supervisory condition?                        |
| <u>Na</u>    | Ancillary circuit by-pass will result in a trouble signal?   | ,            | Voltage25.7DC Current0.21A                                      |
| <u> </u>     | Input circuit to output circuit operation including  | <b>✓</b>     | Battery voltage and current with main power supply "off"        |
|              | ancillary device circuits, for correct program operation   |              | and fire alarm in full load alarm condition?                    |
| ./           | as per design & spec. (App "C")  | ./           | voltage 25.5 Vdc Current 0.53 A                                 |
| <del>/</del> | Fire alarm Reset operates?   | <del>1</del> | Charging current is0.12A  |
| Na Na        | Main power to emergency power supply transfer operates?  |              | Inspected for physical damage? Terminal cleaned and lubricated? |
| Na Na        | Status change confirmation (smoke detectors) verified  | <del>'</del> |   |
|              | Receipt of alarm transmission to signal receiving center? Receipt of supervisory trans to signal receiving center? | Na           | Terminals clamped tightly? Correct Electrolyte level?           |
| Na<br>Na     | Receipt of trouble transmission to signal receiving center?  | Na           | Specific gravity within mfg specifications?                     |
|              | Operation of the fire signal receiving center disconnect   |              | Electrolyte leaks?  |
| <u> 11a</u>  | results in a specific trouble indication at control unit?  |              | Adequately ventilated?  |
|              | 2.3 Control Unit or Transponder Inspection   |              | Battery mfg's date code or in-service date:2017                 |
| ✓            | Input circuit designations, correctly identified in relation   |              | Disconnection causes trouble signal?                            |
| <del></del>  | to connected field devices   | Na           | Indicate type of Battery Test Performed?                        |
| ✓            | Output circuit designations correctly identified in relation   | Na           | (1) supervisory load for 24h followed by full load operation.   |
|              | to connected field devices.  | Na           | (2) silent test by using load resister method -App F1           |
| ✓            | Correct designations-common control functions / indicators   | Na           | (3) Silent accelerated test – App F2                            |
|              | Plugin components and modules securely in place?   | Na           | (4) A battery capacity meter test App F3                        |
|              | Plugin cables securely in place  | Na           | (5) In lieu of battery tests, replace with new set              |
| Na           | Record date, revision and version of Firmware & software   |              | having current date code, as per mfg                            |
| Na           | Date: Rev: Ver:  | ✓            | Record calculated battery capacity App F44.5A h                 |
| <u> </u>     | Clean and free of dust and dirt?   | <b>√</b>     | Record battery terminal voltage after testsV dc                 |
|              | Fuses in accordance with MFGs specification?   | <b>√</b>     | Battery voltage not less than 85% of its rating after tests.    |
|              | Control Unit or transponder lock functional?   |              | Generator provides power to the AC circuit for FA syst.         |
|              | control of a unopolition fock functional:  |              | conclusion provides power to the ric elleuit for 171 syst.      |

Inspection and Testing of Fire Alarm Systems
Building Name: Mission Minimum – A15 Date: July 2017

| "√"Y                 | es - Tested correctly "X" No - Did not test correctly (Ex    | plain NO  | answers in comments) '         | "NA" Not applicable              |
|----------------------|--|-----------|--------------------------------|----------------------------------|
|                      | 2.5 Emergency Power Supply Test and Inspection               |           |                                | nd operation outside the shorted |
| Na                   | Trouble condition at the em gen shall result in an audible   |           | section between each pair of   |                                  |
|                      | common trouble signal and a visual indication at the         | Na        | (i) Control unit to control u  |                                  |
|                      | required annunciator?  | Na        | (ii) Control unit to transpor  |                                  |
|                      | 2.7 Annunciator or Sequential Displays                       | Na        | (iii)Transponder to transpor   |                                  |
| ✓                    | Power on indicator operates?                                 |           | 2.2 Voice Communication        |                                  |
| _                    | Individual alarm, supervisory zone indication operates.      | Na        | Power "ON" operates?           | Inspection rests                 |
| Na                   | (Exception: operation of each individual alarm and           | Na        | Common visual trouble sign     | nal operates?                    |
|                      | supervisory zone indication, or lights the identical         | Na        | Common audible trouble si      |                                  |
|                      | indicators at the other annunciators and sequential display) | Na        | Trouble signal silence switch  |                                  |
|                      | Specify method of confirmation                               | Na        |                                | ding visual indicator operates?  |
|                      | specify method of committation                               | Na        |                                | e voice paging including visual  |
| ✓                    | Minimum of 1 alarm zone and one supervisory zone tested      | 114       | indication operates?           | s voice paging including visual  |
|                      |  | No        | -                              | ii                               |
| ✓                    | per annunciator or sequential display to confirm operation.  | <u>Na</u> |                                | e voice paging trouble operation |
| \ \rightarrow\tag{'} | Individual alarm and supervisory zone labels identified.     | NT.       | including visual indication    |                                  |
|                      | Common trouble signal operates?                              | Na<br>Na  | Microphone including press     |                                  |
| Na ✓                 | Visual indicator test (lamp test) operates?                  | Na        | Operation of voice paging of   |                                  |
|                      | Input wiring form control unit/transponder supervised        | **        | inhibit time of alert and alar | S                                |
| <b>√</b>             | Alarm signal silence visual indicator operates?              | Na        | All call voice paging operat   |                                  |
| na                   | Switches for ancillary function operate as per design?       | Na        | Upon failure of one amplifi    |                                  |
| Na                   | Other ancillary functions visual indicators operate?         |           | transfers to backup amplifie   |                                  |
| Na                   | Manual activation of alarm signal and indication operate?    | Na        | Circuits for emergency telep   |                                  |
| <u> </u>             | Displays are visible in installed location?                  |           | including audible and visua    |                                  |
|                      | 2.9 Printer Testing  | Na        |                                | phone for operation, including   |
| Na                   | Operation as per design and specification?                   |           | two-way voice communicat       |                                  |
| Na                   | Zone of each alarm initiating device is correctly printed?   | Na        | Circuits for emergency tele    |                                  |
| <u>Na</u>            | Rated voltage is present?                                    |           | including visual indication    |                                  |
|                      | 2.10 Data Communication Link Test (DCL)                      | Na        | Emergency telephone verba      |                                  |
| Na Na                | Confirm that a trouble signal is receive at the control unit | Na        | Emergency telephone opera      | able or in-use tone at handset.  |
|                      | or transponder under an open loop fault for each DCL         |           |                                |                                  |
| <u>Na</u>            | Where fault isolation modules are installed in DCL serving   |           |                                |                                  |
|                      | field devices, wiring shall be shorted on the isolated side, | **        | 2.11 Ancillary Device Circ     |                                  |
|                      | annunciation of the fault confirmed, and then a field        | Na Na     | Circuit –                      | confirmed                        |
|                      | device on the source side shall be operated, and activation  | <u>Na</u> | Circuit –                      | confirmed                        |
|                      | confirmed at the control unit or transponder.                | Na Na     | Circuit –                      | confirmed                        |
| Na                   | Where a fault isolation in DCL is provided between           | Na        | Circuit –                      | confirmed                        |
| NT.                  | control units/transponders and between                       |           |                                |                                  |
| <u>Na</u>            | Transponders, introduce a short circuit fault and confirm    |           |                                |                                  |
|                      | Continued  |           |                                |                                  |
|                      |  |           |                                |                                  |
| Additio              | nal Comments:  |           |                                |                                  |
|                      |  |           |                                |                                  |
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|                      |  |           |                                |                                  |
|                      |  |           |                                |                                  |
|                      |  |           |                                |                                  |

|                                  |  |                       |                   | Date of Serv               | rice:               |              | Time:       |                 |                   |
|----------------------------------|--|-----------------------|-------------------|----------------------------|---------------------|--------------|-------------|-----------------|-------------------|
| <b>ELITE</b>                     |  |                       | July 2017 7:00am  |                            |                     | 7:00am       | Lost Com    | vice Date:      |                   |
|                                  |  | L                     |                   |                            | Annual Insp         | ection       |             | July 201        |                   |
|                                  | PROTECTI                                   |                       |                   | Single                     | Stage               | Two          | Stage       |                 | ect Connection    |
| Unit 1 20                        |  |                       | 126 7332          |                            |                     |              |             | L               | ] yes □no         |
| Unit 1 – 33                      | 3605 Maclure Road, Al<br>Office – 1-877-8  |                       | V2S-/W2           | Manufactur                 | er:                 |              |             | Model #         |                   |
|                                  | Office – 1-677-6                           | 30-0014               |                   | Edwasrds                   |                     |              |             | EST-1           |                   |
| Building Name:<br>Mission Minimu | m A-16                                     |                       |                   | Contact Per<br>Scott Verwo |                     |              |             | Phone: 604-820- | 5758              |
| Address:                         | m – A-10                                   |                       |                   | Owner:                     | nu .                |              |             | Phone:          | 3136              |
| 33737 Dewdney                    | Trunk Road                                 |                       |                   | Corrections                |                     |              |             | 604-820-        | 5758              |
| City:<br>Mission                 |  | Postal Code:          |                   | Fire Signal                | Receiving Centre    | :            |             | Phone:<br>Acct: |                   |
|                                  |  |                       | -                 |                            |                     |              |             | 1               |                   |
|                                  |  |                       |                   |                            |                     |              |             |                 |                   |
|                                  | eptable "No" - Unacc                       | eptable (Explai       |                   |                            | nts)                |              |             |                 | 1                 |
| Yes No                           |  |                       | Sun               | nmary                      |                     |              |             |                 |                   |
|                                  | The entire fire alarm                      | system has been       | inspected and     | l tostad in a              | acerdance with      | CANIJII      | C \$526     |                 |                   |
|                                  | The entire fire afarm                      | system has been       | i inspected and   | i tested ili a             | ccordance with      | CAN/UI       | LC 3330     |                 |                   |
|                                  | The fire alarm system                      | n documentation       | is on site and    | includes a                 | description of th   | he systen    | 1.          |                 |                   |
|                                  | •  |                       |                   |                            |                     | ,            |             |                 |                   |
|                                  | The fire alarm system is fully functional. |                       |                   |                            |                     |              |             |                 |                   |
|                                  | The fire alarm system                      | n has deficiencie     | es noted.         |                            |                     |              |             |                 |                   |
|                                  |  |                       |                   |                            |                     |              |             |                 |                   |
|                                  | A copy of this report                      | is given to the (     | Owner or the ov   | wner's repr                | esentative.         |              |             |                 |                   |
|                                  |  | Technicia             | ns After-test (   | Checklist                  |                     |              |             |                 |                   |
|                                  | NA   |                       | t time limit cuto |                            |                     |              |             |                 |                   |
|                                  |  | Reconnect             | t ancillary func  | ctions?                    |                     |              |             |                 |                   |
|                                  | NA   |                       |                   |                            | ite connections)    | )?           |             |                 |                   |
|                                  |  | Reconnect             | t signal power?   | ?                          |                     |              |             |                 |                   |
|                                  |  | Advise fir            | e department th   | he testing is              | completed?          |              |             |                 |                   |
|                                  |  | Ensure that           | nt the alarm sys  | stem is func               | tional?             |              |             |                 |                   |
|                                  |  |                       |                   |                            |                     |              |             |                 |                   |
| 0                                | -1-  |                       |                   |                            |                     |              |             |                 |                   |
| Comme                            | าเร  |                       |                   |                            |                     |              |             |                 |                   |
|                                  |  |                       |                   |                            |                     |              |             |                 |                   |
|                                  |  |                       |                   |                            |                     |              |             |                 |                   |
|                                  |  | S                     | SEE DEFICI        | ENCY R                     | EPORT               |              |             |                 |                   |
|                                  |  |                       |                   |                            |                     |              |             |                 |                   |
|                                  |  |                       |                   |                            |                     |              |             |                 |                   |
|                                  |  |                       |                   |                            |                     |              |             |                 |                   |
|                                  |  |                       |                   |                            |                     |              |             |                 |                   |
|                                  | ormation on this form is cor               |                       |                   |                            |                     |              |             |                 | ble codes and the |
| Manufacturers rec                | quirements and at this time v              | vas left in operation | al condition upon | completion of              | this inspection exc | cept as note | ed in comme | nts.            |                   |
|                                  | Allen Amy – FP0669                         |                       |                   |                            |                     |              |             |                 |                   |
| Mat                              | thew Kowalenko - FP                        | 1093                  | July 201          | 17                         | 7:00am              |              |             |                 |                   |

Time

Date

Technician Stamp

Date: July 2017 Building Name: Mission Minimum – A16

"V" Yes - Tested correctly "X" No - Did not test correctly (Explain NO answers in comments) "NA" Not applicable

| 2.1   | Control Unit or Transponder Tests  | _ ✓          | Termination points from wiring to field devices secure           |
|---|--|--------------|--|
| ✓   | Power on visual indicator operates?  |              | 2.6 Annunciator & Remote Trouble Test & Inspection               |
| <b>✓</b>                                      | Common visual trouble signal operates?   | Na           | Power on indicator operates?                                     |
| <b>√</b>                                      | Common audible trouble signal operates?  | Na           | Individual alarm and supervisory input zone clearly              |
| <b>✓</b>                                      | Trouble signal silence switch operates?  | Na           | indicated and separately designated?                             |
| <b>✓</b>                                      | Main Power supply failure trouble signal operates?   | Na           | Individual alarm and supervisory zone labels identified?         |
| <b>✓</b>                                      | Ground fault tested on positive and negative trouble signal  | Na           | Common trouble signal operates?                                  |
| Na  | Alert signal operation operates?   | Na           | Visual indicator test - Lamp test operates?                      |
| <b>✓</b>                                      | Alarm signal operation operates?   | Na           | Input wiring from control unit/transponder is supervised?        |
| Na  | Automatic transfer from alert to alarm signal operates?  | Na           | Alarm signal silence visual indicator operates?                  |
| Na  | Manual transfer from alert signal to alarm signal operates?  | Na           | Switches for ancillary function operate as per design?           |
| Na  | Auto transfer from alert to alarm signal cancel operates   | Na           | Other ancillary function visual indicators operate?              |
| Na  | Alarm signal silence inhibit function operates?  | Na           | Manual activation of alarm signal and indication operates?       |
| <b>✓</b>                                      | Alarm signal manual silence operates?  | Na           | Displays are visible in installed location operates?             |
| _   | Alarm signal silence visual indication operates?   | Na           | Operates on emergency power?                                     |
| Na  | Alarm signal when silenced automatically reinitiates on  | . <u></u>    | 2.4 Power Supply Inspection                                      |
|   | subsequent alarm?  | ✓            | Fused with mfgs marked rating of the system?                     |
| Na  | Alarm signal silence automatic cut-out timer?  | <b>√</b>     | Adequate to meet the requirements of the system?                 |
|   | Audible visual and alert and alarm signals programmed  |              | 2.8 Remote Trouble Signal Unit Test and Inspection               |
|   | and operate as per design & specification. (app C)   | Na           | Input wiring form control/transponder is supervised?             |
| <u> </u>                                      | Input circuit alarm and supervisory operation including  | Na           | Visual trouble signal operates?                                  |
|   | audible and visual indication operates?  | Na           | Audible trouble signal operates?                                 |
|   | Input circuit supervision fault causes a trouble indication?   | Na           | Audible trouble signal silence operates?                         |
| <u> </u>                                      | Output circuit alarm indicators operate?   |              | 2.5 Emergency Power Supply Test and Inspection                   |
| <b>✓</b>                                      | Output circuit supervision fault causes a trouble indication?  | <u> </u>     | Correct battery type as recommend by manufacturer?               |
| Na  | Visual indicator test (lamp test)?   | <b>√</b>     | Correct rating as determined by battery calculations             |
| Na  | Coded signal sequence operates not less than the required  |              | based on full system load?                                       |
|   | number of times and the correct alarm signal thereafter.   | <b>✓</b>     | Battery voltage main power on?25.4 Vdc?                          |
| Na  | Coded signal sequences are not interrupted by  | <u> ✓</u>    | Battery voltage and current with main power supply "off"         |
|   | subsequent alarms?   |              | and fire alarm in supervisory condition?                         |
| Na  | Ancillary circuit by-pass will result in a trouble signal?   | ,            | Voltage25.3DC Current0.24A                                       |
| <b>√</b>                                      | Input circuit to output circuit operation including  | <b>✓</b>     | Battery voltage and current with main power supply "off"         |
|   | ancillary device circuits, for correct program operation   |              | and fire alarm in full load alarm condition?                     |
| ✓   | as per design & spec. (App "C")  | ✓            | voltage 25.1 Vdc Current 0.34 A                                  |
| <u>,                                     </u> | Fire alarm Reset operates?   |              | Charging current is0.07A Inspected for physical damage?          |
| Na  | Main power to emergency power supply transfer operates?  Status change confirmation (smoke detectors) verified           |              | Terminal cleaned and lubricated?                                 |
| Na Na   | Receipt of alarm transmission to signal receiving center?  | <u> </u>     | Terminals clamped tightly?                                       |
| Na  | Receipt of analm transmission to signal receiving center?  | Na           | Correct Electrolyte level?                                       |
| Na  | Receipt of supervisory transitions signal receiving center?  Receipt of trouble transmission to signal receiving center? | Na           | Specific gravity within mfg specifications?                      |
|   | Operation of the fire signal receiving center disconnect   |              | Electrolyte leaks?   |
|   | results in a specific trouble indication at control unit?  | <u>-1\u_</u> | Adequately ventilated?   |
|   | 2.3 Control Unit or Transponder Inspection   | <u> </u>     | Battery mfg's date code or in-service date:2017                  |
| ✓   | Input circuit designations, correctly identified in relation   | <u>√</u>     | Disconnection causes trouble signal?                             |
|   | to connected field devices   | Na           | Indicate type of Battery Test Performed?                         |
| ✓   | Output circuit designations correctly identified in relation   | Na           | (1) supervisory load for 24h followed by full load operation.    |
| -   | to connected field devices.  | Na           | (2) silent test by using load resister method -App F1            |
| ✓   | Correct designations-common control functions / indicators   | Na           | (3) Silent accelerated test – App F2                             |
| _   | Plugin components and modules securely in place?   | Na           | (4) A battery capacity meter test App F3                         |
|   | Plugin cables securely in place  | Na           | (5) In lieu of battery tests, replace with new set               |
| Na  | Record date, revision and version of Firmware & software   |              | having current date code, as per mfg                             |
| Na  | Date: Rev: Ver:  | ✓            | Record calculated battery capacity App F45.2A h                  |
| <u> </u>                                      | Clean and free of dust and dirt?   | <u>√</u>     | Record battery terminal voltage after testsV dc                  |
| <b>✓</b>                                      | Fuses in accordance with MFGs specification?   | <u>√</u>     | Battery voltage not less than 85% of its rating after tests.     |
| _   | Control Unit or transponder lock functional?   |              | Generator provides power to the AC circuit for FA syst.          |
|   | 5mr of manaparate for functional.  |              | Distribution provides position to the rice encurrent first byte. |

Inspection and Testing of Fire Alarm Systems
Building Name: Mission Minimum – A16 Date: July 2017

| "√"∖     | Yes - Tested correctly "X" No - Did not test correctly (Ex   | xplain NO | answers in commer         | nts) "NA" Not applicable              |
|----------|--|-----------|---------------------------|---------------------------------------|
|          | 2.5 Emergency Power Supply Test and Inspection               |           |                           | ult and operation outside the shorted |
| Na       | Trouble condition at the em gen shall result in an audible   |           | section between each p    | pair of:                              |
|          | common trouble signal and a visual indication at the         | Na        | (i) Control unit to cont  | trol unit                             |
|          | required annunciator?  | Na        | (ii) Control unit to trar | nsponder                              |
|          | 2.7 Annunciator or Sequential Displays                       | Na        | (iii)Transponder to tran  |                                       |
| ✓        | Power on indicator operates?                                 |           |                           | ation Inspection/Tests                |
| <b>√</b> | Individual alarm, supervisory zone indication operates.      | Na        | Power "ON" operates?      |                                       |
| Na       | (Exception: operation of each individual alarm and           | Na        | Common visual troubl      |                                       |
|          | supervisory zone indication, or lights the identical         | Na        | Common audible troub      |                                       |
|          | indicators at the other annunciators and sequential display) | Na        |                           |                                       |
|          | *                      |           | Trouble signal silence    |                                       |
|          | Specify method of confirmation                               | Na<br>Na  |                           | ncluding visual indicator operates?   |
| 1        |  | Na        |                           | ective voice paging including visual  |
|          | Minimum of 1 alarm zone and one supervisory zone tested      |           | indication operates?      |                                       |
| ,        | per annunciator or sequential display to confirm operation.  | Na        |                           | ective voice paging trouble operation |
| <u>√</u> | _ Individual alarm and supervisory zone labels identified.   |           | including visual indica   |                                       |
| ✓        | Common trouble signal operates?                              | Na        |                           | press to talk switch operates?        |
| Na       | Visual indicator test (lamp test) operates?                  | Na        |                           | ging does interfere with initial      |
| <b>✓</b> | Input wiring form control unit/transponder supervised        |           | inhibit time of alert and | d alarm signal?                       |
| ✓        | Alarm signal silence visual indicator operates?              | Na        |                           | pperates on emergency power?          |
| na       | Switches for ancillary function operate as per design?       | Na        | Upon failure of one an    | nplifier, system automatically        |
| Na       | Other ancillary functions visual indicators operate?         |           | transfers to backup am    | plifier.                              |
| Na       | Manual activation of alarm signal and indication operate?    | Na        | Circuits for emergency    | telephone call in operation           |
| <b>√</b> | Displays are visible in installed location?                  |           | including audible and     | visual indication operates            |
|          | 2.9 Printer Testing  | Na        |                           | telephone for operation, including    |
| Na       | Operation as per design and specification?                   |           | two-way voice commu       |                                       |
| Na       | Zone of each alarm initiating device is correctly printed?   | Na        | -                         | telephones trouble operation          |
| Na       | Rated voltage is present?                                    |           | including visual indica   |                                       |
|          | 2.10 Data Communication Link Test (DCL)                      | Na        |                           | verbal communication operates?        |
| Na       | Confirm that a trouble signal is receive at the control unit | Na        |                           | operable or in-use tone at handset.   |
|          | or transponder under an open loop fault for each DCL         |           | Emergency telephone       | operation of in use tone at nameset.  |
| Na       | Where fault isolation modules are installed in DCL serving   |           |                           |                                       |
|          | field devices, wiring shall be shorted on the isolated side, |           | 2.11 Ancillary Device     | Circuit Test                          |
|          | annunciation of the fault confirmed, and then a field        | Na        | Circuit –                 | confirmed                             |
|          | device on the source side shall be operated, and activation  | Na        | Circuit –                 | confirmed                             |
|          | confirmed at the control unit or transponder.                | Na        | Circuit –                 | confirmed                             |
| Na       | Where a fault isolation in DCL is provided between           | Na        | Circuit –                 | confirmed                             |
|          | control units/transponders and between                       | -114      | Circuit –                 | Commined                              |
| Na       | Transponders, introduce a short circuit fault and confirm    |           |                           |                                       |
| 114      | Continued  |           |                           |                                       |
|          | Continued  |           |                           |                                       |
|          |  |           |                           |                                       |
| Additio  | onal Comments:   |           |                           |                                       |
|          |  |           |                           |                                       |
|          |  |           |                           |                                       |
|          |  |           |                           |                                       |
|          |  |           |                           |                                       |
|          |  |           | -                         |                                       |
|          |  |           |                           |                                       |
|          |  |           |                           |                                       |
|          |  |           |                           |                                       |
|          |  |           |                           |                                       |
|          |  |           |                           |                                       |
|          |  |           |                           |                                       |
|          |  |           |                           |                                       |
|          |  |           | -                         |                                       |

| •                                |  |  | <b>,</b>                 |                                 |  |  |  |  |
|----------------------------------|--|--|--------------------------|---------------------------------|--|--|--|--|
|                                  |  | Date of Service:<br>July 2017                  | Time:<br>7:00am          |                                 |  |  |  |  |
| ELACE                            |  | Annual Ins                                     |                          | Last Service Date:<br>July 2016 |  |  |  |  |
|                                  | FIRE   | Single Stage                                   | Two Stage                | Direct Connection               |  |  |  |  |
| Unit 1 – 3:                      | PROTECTION LTD<br>3605 Maclure Road, Abbotsford, BC, V2S-7W2                               |  |                          | □ yes □no                       |  |  |  |  |
|                                  | Office – 1-877-850-0014  | Manufacturer:<br>Edwasrds                      |                          | Model #<br>EST-1                |  |  |  |  |
| Building Name:<br>Mission Minimu | m – A-17   | Contact Person:<br>Scott Verwold               |                          | Phone:<br>604-820-5758          |  |  |  |  |
| Address:                         |  | Owner:   |                          | Phone:                          |  |  |  |  |
| 33737 Dewdney<br>City:           | Trunk Road Postal Code:  | Corrections Canada Fire Signal Receiving Cents | re:                      | 604-820-5758<br>Phone:          |  |  |  |  |
| Mission                          | Tobul Couci  | The signal receiving cents                     |                          | Acct:                           |  |  |  |  |
| "Yes"- Acc                       | "Yes"- Acceptable "No" - Unacceptable (Explain No answers in comments)  Yes   No   Summary |  |                          |                                 |  |  |  |  |
|                                  |  | ···  |                          |                                 |  |  |  |  |
|                                  | The entire fire alarm system has been inspected an   | nd tested in accordance wit                    | th CAN/ULC S536          |                                 |  |  |  |  |
|                                  | The fire alarm system documentation is on site an  | d includes a description of                    | the system.              |                                 |  |  |  |  |
|                                  | The fire alarm system is fully functional.   |  |                          |                                 |  |  |  |  |
|                                  | The fire alarm system has deficiencies noted.  |  |                          |                                 |  |  |  |  |
|                                  | A copy of this report is given to the Owner or the   | owner's representative.                        |                          |                                 |  |  |  |  |
|                                  | Technicians After-tes  | t Checklist                                    |                          |                                 |  |  |  |  |
|                                  | NA Reconnect time limit or   |  |                          |                                 |  |  |  |  |
|                                  | Reconnect ancillary fur  | nctions?                                       |                          |                                 |  |  |  |  |
|                                  |  | nctions (off site connection                   | ıs)?                     |                                 |  |  |  |  |
|                                  | Reconnect signal power   |  |                          |                                 |  |  |  |  |
|                                  | <u></u>  | the testing is completed?                      |                          |                                 |  |  |  |  |
|                                  | Ensure that the alarm s  | ystem is functional?                           |                          |                                 |  |  |  |  |
|                                  |  |  |                          |                                 |  |  |  |  |
| Comme                            | nts  |  |                          |                                 |  |  |  |  |
|                                  |  |  |                          |                                 |  |  |  |  |
|                                  |  |  |                          |                                 |  |  |  |  |
|                                  | SEE DEFIC  | CIENCY REPORT                                  |                          |                                 |  |  |  |  |
|                                  |  |  |                          |                                 |  |  |  |  |
|                                  |  |  |                          |                                 |  |  |  |  |
|                                  |  |  |                          |                                 |  |  |  |  |
| I state that the in              | formation on this form is correct at the time and place of my insp                         | pection, and that all equipment w              | as tested in conformance | with applicable codes and the   |  |  |  |  |
|                                  | quirements and at this time was left in operational condition upo                          |  |                          |                                 |  |  |  |  |
|                                  | Allen Amy – FP0669   |  |                          |                                 |  |  |  |  |

July 2017

Date

7:00am Time

 $Matthew\ Kowalenko-FP1093$ 

Technician Stamp

Date: July 2017 Building Name: Mission Minimum – A17

" $\sqrt{}$ " Yes - Tested correctly "X" No - Did not test correctly (Explain NO answers in comments) "NA" Not applicable

| 2.1           | Control Unit or Transponder Tests                             | <u> </u>      | Termination points from wiring to field devices secure        |
|---------------|---|---------------|---|
| <b>√</b>      | Power on visual indicator operates?                           |               | 2.6 Annunciator & Remote Trouble Test & Inspection            |
| $\overline{}$ | Common visual trouble signal operates?                        | Na            | Power on indicator operates?                                  |
| <b></b> ✓     | Common audible trouble signal operates?                       | Na            | Individual alarm and supervisory input zone clearly           |
| <b></b> ✓     | Trouble signal silence switch operates?                       | Na            | indicated and separately designated?                          |
| $\overline{}$ | Main Power supply failure trouble signal operates?            | Na            | Individual alarm and supervisory zone labels identified?      |
|               | Ground fault tested on positive and negative trouble signal   | Na            | Common trouble signal operates?                               |
| Na            | Alert signal operation operates?                              | Na            | Visual indicator test - Lamp test operates?                   |
|               | Alarm signal operation operates?                              | Na            | Input wiring from control unit/transponder is supervised?     |
| Na            | Automatic transfer from alert to alarm signal operates?       | Na            | Alarm signal silence visual indicator operates?               |
| Na            | Manual transfer from alert signal to alarm signal operates?   | Na            | Switches for ancillary function operate as per design?        |
| Na            | Auto transfer from alert to alarm signal cancel operates      | Na            | Other ancillary function visual indicators operate?           |
| Na            | Alarm signal silence inhibit function operates?               | Na            | Manual activation of alarm signal and indication operates?    |
| $\overline{}$ | Alarm signal manual silence operates?                         | Na            | Displays are visible in installed location operates?          |
| <u> </u>      | Alarm signal silence visual indication operates?              | Na            | Operates on emergency power?                                  |
| Na            | Alarm signal when silenced automatically reinitiates on       |               | 2.4 Power Supply Inspection                                   |
|               | subsequent alarm?   | ✓             | Fused with mfgs marked rating of the system?                  |
| Na            | Alarm signal silence automatic cut-out timer?                 | $\overline{}$ | Adequate to meet the requirements of the system?              |
| <b>─</b> ✓    | Audible visual and alert and alarm signals programmed         |               | 2.8 Remote Trouble Signal Unit Test and Inspection            |
|               | and operate as per design & specification. (app C)            | Na            | Input wiring form control/transponder is supervised?          |
| ✓             | Input circuit alarm and supervisory operation including       | Na            | Visual trouble signal operates?                               |
|               | audible and visual indication operates?                       | Na            | Audible trouble signal operates?                              |
| ✓             | Input circuit supervision fault causes a trouble indication?  | Na            | Audible trouble signal silence operates?                      |
| <b>√</b>      | Output circuit alarm indicators operate?                      |               | 2.5 Emergency Power Supply Test and Inspection                |
|               | Output circuit supervision fault causes a trouble indication? | ✓             | Correct battery type as recommend by manufacturer?            |
| Na            | Visual indicator test (lamp test)?                            | <b>√</b>      | Correct rating as determined by battery calculations          |
| Na            | Coded signal sequence operates not less than the required     |               | based on full system load?                                    |
|               | number of times and the correct alarm signal thereafter.      | ✓             | Battery voltage main power on?25.9 Vdc?                       |
| Na            | Coded signal sequences are not interrupted by                 | <b>√</b>      | Battery voltage and current with main power supply "off"      |
|               | subsequent alarms?  |               | and fire alarm in supervisory condition?                      |
| Na            | Ancillary circuit by-pass will result in a trouble signal?    |               | Voltage25.7DC Current0.09A                                    |
| <b>√</b>      | Input circuit to output circuit operation including           | <b>√</b>      | Battery voltage and current with main power supply "off"      |
|               | ancillary device circuits, for correct program operation      |               | and fire alarm in full load alarm condition?                  |
|               | as per design & spec. (App "C")                               | ,             | voltage24.9Vdc Current0.24A                                   |
| <u> </u>      | Fire alarm Reset operates?                                    | <u>√</u>      | Charging current is0.10A                                      |
| <u>√</u>      | Main power to emergency power supply transfer operates?       | <u>√</u>      | Inspected for physical damage?                                |
| Na            | Status change confirmation (smoke detectors) verified         | <u>√</u>      | Terminal cleaned and lubricated?                              |
| <u>Na</u>     | Receipt of alarm transmission to signal receiving center?     | <u>√</u>      | Terminals clamped tightly?                                    |
| Na            | Receipt of supervisory trans to signal receiving center?      | Na            | Correct Electrolyte level?                                    |
| Na            | Receipt of trouble transmission to signal receiving center?   | Na            | Specific gravity within mfg specifications?                   |
| <u>Na</u>     | Operation of the fire signal receiving center disconnect      | <u>Na</u>     | Electrolyte leaks?  |
|               | results in a specific trouble indication at control unit?     | <b>√</b>      | Adequately ventilated?  |
| ,             | 2.3 Control Unit or Transponder Inspection                    | <del></del>   | Battery mfg's date code or in-service date:2017               |
|               | Input circuit designations, correctly identified in relation  | <u>√</u>      | Disconnection causes trouble signal?                          |
| ✓             | to connected field devices                                    | Na Na         | Indicate type of Battery Test Performed?                      |
|               | Output circuit designations correctly identified in relation  | Na Na         | (1) supervisory load for 24h followed by full load operation. |
| ✓             | to connected field devices.                                   | Na            | (2) silent test by using load resister method -App F1         |
|               | Correct designations-common control functions / indicators    | Na Na         | (3) Silent accelerated test – App F2                          |
| <del></del>   | Plugin components and modules securely in place?              | Na<br>Na      | (4) A battery capacity meter test App F3                      |
|               | Plugin cables securely in place                               | Na            | (5) In lieu of battery tests, replace with new set            |
| Na<br>No      | Record date, revision and version of Firmware & software      | ✓             | having current date code, as per mfg                          |
| Na            | Date:   | <del></del>   | Record calculated battery capacity App F4_4.5A h              |
| <u>,</u>      | Clean and free of dust and dirt?                              | <del>-</del>  | Record battery terminal voltage after testsV dc               |
| <u>,</u>      | Fuses in accordance with MFGs specification?                  |               | Battery voltage not less than 85% of its rating after tests.  |
| ν             | Control Unit or transponder lock functional?                  | <b>v</b>      | Generator provides power to the AC circuit for FA syst.       |

Inspection and Testing of Fire Alarm Systems
Building Name: Mission Minimum – A17 Date: July 2017

| "√"Y     | es - Tested correctly "X" No - Did not test correctly (Ex    | xplain NO | answers in comments         | ) "NA" Not applicable              |
|----------|--|-----------|-----------------------------|------------------------------------|
|          | 2.5 Emergency Power Supply Test and Inspection               |           | Annunciation of the fault   | and operation outside the shorted  |
| Na       | Trouble condition at the em gen shall result in an audible   |           | section between each pair   | r of:                              |
|          | common trouble signal and a visual indication at the         | Na        | (i) Control unit to control | l unit                             |
|          | required annunciator?  | Na        | (ii) Control unit to transp | oonder                             |
|          | 2.7 Annunciator or Sequential Displays                       | Na        | (iii)Transponder to transp  |                                    |
| ✓        | Power on indicator operates?                                 |           | 2.2 Voice Communication     |                                    |
| _        | Individual alarm, supervisory zone indication operates.      | Na        | Power "ON" operates?        | on hispection lests                |
| Na       | (Exception: operation of each individual alarm and           | Na        | Common visual trouble s     | ional operates?                    |
|          | supervisory zone indication, or lights the identical         | Na        | Common audible trouble      |                                    |
|          | indicators at the other annunciators and sequential display) | Na        | Trouble signal silence sw   |                                    |
|          | Specify method of confirmation                               | Na        |                             | luding visual indicator operates?  |
|          | specify method of committation                               | Na        |                             | ive voice paging including visual  |
| 1        | Minimum of 1 alarm zone and one supervisory zone tested      | 114       |                             | ive voice paging including visual  |
|          | Minimum of 1 alarm zone and one supervisory zone tested      | N-        | indication operates?        |                                    |
| ✓        | per annunciator or sequential display to confirm operation.  | <u>Na</u> |                             | ive voice paging trouble operation |
| <u>,</u> | Individual alarm and supervisory zone labels identified.     | NT.       | including visual indication |                                    |
|          | Common trouble signal operates?                              | Na Na     |                             | ress to talk switch operates?      |
| Na<br>✓  | Visual indicator test (lamp test) operates?                  | Na        |                             | g does interfere with initial      |
|          | Input wiring form control unit/transponder supervised        | • •       | inhibit time of alert and a |                                    |
| ✓        | Alarm signal silence visual indicator operates?              | <u>Na</u> |                             | rates on emergency power?          |
| na       | Switches for ancillary function operate as per design?       | Na        |                             | lifier, system automatically       |
| Na       | Other ancillary functions visual indicators operate?         |           | transfers to backup ampli   |                                    |
| Na       | Manual activation of alarm signal and indication operate?    | Na        | Circuits for emergency te   |                                    |
| <b>√</b> | Displays are visible in installed location?                  |           | including audible and vis   |                                    |
|          | 2.9 Printer Testing  | <u>Na</u> |                             | elephone for operation, including  |
| Na       | Operation as per design and specification?                   |           | two-way voice communic      | •                                  |
| Na       | Zone of each alarm initiating device is correctly printed?   | <u>Na</u> |                             | elephones trouble operation        |
| Na       | Rated voltage is present?                                    |           | including visual indication |                                    |
|          | 2.10 Data Communication Link Test (DCL)                      | Na        |                             | rbal communication operates?       |
| Na       | Confirm that a trouble signal is receive at the control unit | Na        | Emergency telephone ope     | erable or in-use tone at handset.  |
|          | or transponder under an open loop fault for each DCL         |           |                             |                                    |
| Na       | Where fault isolation modules are installed in DCL serving   |           |                             |                                    |
|          | field devices, wiring shall be shorted on the isolated side, | • •       | 2.11 Ancillary Device C     |                                    |
|          | annunciation of the fault confirmed, and then a field        | <u>Na</u> | Circuit –                   | confirmed                          |
|          | device on the source side shall be operated, and activation  | <u>Na</u> | Circuit –                   | confirmed                          |
|          | confirmed at the control unit or transponder.                | Na        | Circuit –                   | confirmed                          |
| Na       | Where a fault isolation in DCL is provided between           | <u>Na</u> | Circuit –                   | confirmed                          |
|          | control units/transponders and between                       |           |                             |                                    |
| Na       | Transponders, introduce a short circuit fault and confirm    |           |                             |                                    |
|          | Continued  |           |                             |                                    |
|          |  |           |                             |                                    |
| Additio  | onal Comments:   |           |                             |                                    |
| 11441110 |  |           |                             |                                    |
|          |  |           |                             |                                    |
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|          |  |           |                             |                                    |
|          |  |           |                             |                                    |

| •  |   |                          |                              |                               |               | ,               |                        |
|--|---|--------------------------|------------------------------|-------------------------------|---------------|-----------------|------------------------|
|  |   |                          |                              | Date of Service:<br>July 2017 |               | Time:<br>7:00am |                        |
|  |   | -                        | Annual Inspection            |                               |               |                 |                        |
|  |   |                          |                              |                               |               |                 | July 2016              |
|  |   | PROTECTIO                | NITO                         | Single Stage                  | Two S         | Stage           | Direct Connection      |
| I In:  | +1 22                                       | 605 Maclure Road, Abb    |                              |                               |               |                 | ☐ yes ☐no              |
| UIII   | ı 1 – 33                                    | Office – 1-877-850       |                              | Manufacturer:                 |               |                 | Model #                |
|  |   | Office = 1-877-830       |                              | Edwasrds                      |               |                 | EST-1                  |
| Building   |   |                          |                              | Contact Person:               |               |                 | Phone:                 |
| Address  |   | m – A-18                 |                              | Scott Verwold Owner:          |               |                 | 604-820-5758<br>Phone: |
|  |   | Frunk Road               |                              | <b>Corrections Canada</b>     |               |                 | 604-820-5758           |
| City:  |   |                          | Postal Code:                 | Fire Signal Receiving Cer     | ntre:         |                 | Phone:                 |
| Mission  |   |                          |                              |                               |               |                 | Acct:                  |
|  |   |                          |                              |                               |               |                 |                        |
| "Yes   | s"- Acc                                     | eptable "No" - Unaccep   | table (Explain No answer     | rs in comments)               |               |                 |                        |
| Yes  | No  | •                        |                              | ımmary                        |               |                 |                        |
|  |   |                          |                              |                               |               |                 |                        |
| $\boxtimes$                                      |   | The entire fire alarm sy | stem has been inspected an   | nd tested in accordance w     | ith CAN/UI    | LC S536         |                        |
| $  \Box $  | $\boxtimes$                                 | The fire alarm system of | locumentation is on site and | d includes a description of   | of the system | 1               |                        |
|  |   | The fire alarm system c  | ocumentation is on site and  | a merades a description (     | or the system | 1.              |                        |
| $\boxtimes$                                      |   | The fire alarm system i  | s fully functional.          |                               |               |                 |                        |
|  |   | The fire alarm system h  | nas deficiencies noted       |                               |               |                 |                        |
|  | _   | ·                        |                              |                               |               |                 |                        |
|  |   | A copy of this report is | given to the Owner or the    | owner's representative.       |               |                 |                        |
|  |   |                          | Technicians After-test       | t Checklist                   |               |                 |                        |
|  |   | NA                       | Reconnect time limit cu      |                               |               |                 |                        |
|  |   |                          | Reconnect ancillary fun      |                               |               |                 |                        |
|  |   | NA                       | •                            | actions (off site connection  | ons)?         |                 |                        |
|  | Reconnect signal power?                     |                          |                              |                               |               |                 |                        |
| Advise fire department the testing is completed? |   |                          |                              |                               |               |                 |                        |
|  | Ensure that the alarm system is functional? |                          |                              |                               |               |                 |                        |
|  |   |                          |                              |                               |               |                 |                        |
| Co   | Comments                                    |                          |                              |                               |               |                 |                        |
| Comments   |   |                          |                              |                               |               |                 |                        |
|  |   |                          |                              |                               |               |                 |                        |
|  |   |                          | SEE DEEIC                    | CIENCY REPORT                 |               |                 |                        |
|  |   |                          | SEE DEFIC                    | IENCI KEFUKI                  |               |                 |                        |
|  |   |                          |                              |                               |               |                 |                        |

I state that the information on this form is correct at the time and place of my inspection, and that all equipment was tested in conformance with applicable codes and the

7:00am

Time

July 2017

Date

Manufacturers requirements and at this time was left in operational condition upon completion of this inspection except as noted in comments.

Allen Amy – FP0669

Matthew Kowalenko – FP1093

Technician Stamp

Date: July 2017 Building Name: Mission Minimum – A18

" $\sqrt{}$ " Yes - Tested correctly "X" No - Did not test correctly (Explain NO answers in comments) "NA" Not applicable

| 2.1           | Control Unit or Transponder Tests                             | <b>√</b>      | Termination points from wiring to field devices secure        |
|---------------|---|---------------|---|
| <b>√</b>      | Power on visual indicator operates?                           |               | 2.6 Annunciator & Remote Trouble Test & Inspection            |
|               | Common visual trouble signal operates?                        | Na            | Power on indicator operates?                                  |
| <b>√</b>      | Common audible trouble signal operates?                       | Na            | Individual alarm and supervisory input zone clearly           |
| <b>→</b>      | Trouble signal silence switch operates?                       | Na            | indicated and separately designated?                          |
| <b>→</b>      | Main Power supply failure trouble signal operates?            | Na            | Individual alarm and supervisory zone labels identified?      |
| <b>→</b>      | Ground fault tested on positive and negative trouble signal   | Na            | Common trouble signal operates?                               |
| Na            | Alert signal operation operates?                              | Na            | Visual indicator test - Lamp test operates?                   |
| <b>✓</b>      | Alarm signal operation operates?                              | Na            | Input wiring from control unit/transponder is supervised?     |
| Na            | Automatic transfer from alert to alarm signal operates?       | Na            | Alarm signal silence visual indicator operates?               |
| Na            | Manual transfer from alert signal to alarm signal operates?   | Na            | Switches for ancillary function operate as per design?        |
| Na            | Auto transfer from alert to alarm signal cancel operates      | Na            | Other ancillary function visual indicators operate?           |
| Na            | Alarm signal silence inhibit function operates?               | Na            | Manual activation of alarm signal and indication operates?    |
|               | Alarm signal manual silence operates?                         | Na            | Displays are visible in installed location operates?          |
|               | Alarm signal silence visual indication operates?              | Na            | Operates on emergency power?                                  |
| Na            | Alarm signal when silenced automatically reinitiates on       |               | 2.4 Power Supply Inspection                                   |
|               | subsequent alarm?   | ✓             | Fused with mfgs marked rating of the system?                  |
| Na            | Alarm signal silence automatic cut-out timer?                 | <u> </u>      | Adequate to meet the requirements of the system?              |
| _             | Audible visual and alert and alarm signals programmed         |               | 2.8 Remote Trouble Signal Unit Test and Inspection            |
|               | and operate as per design & specification. (app C)            | Na            | Input wiring form control/transponder is supervised?          |
| <u> ✓</u>     | Input circuit alarm and supervisory operation including       | Na            | Visual trouble signal operates?                               |
|               | audible and visual indication operates?                       | Na            | Audible trouble signal operates?                              |
| <u>✓</u>      | Input circuit supervision fault causes a trouble indication?  | Na            | Audible trouble signal silence operates?                      |
| ✓             | Output circuit alarm indicators operate?                      |               | 2.5 Emergency Power Supply Test and Inspection                |
| <b>✓</b>      | Output circuit supervision fault causes a trouble indication? | <b>✓</b>      | Correct battery type as recommend by manufacturer?            |
| Na            | Visual indicator test (lamp test)?                            | ✓             | Correct rating as determined by battery calculations          |
| Na            | Coded signal sequence operates not less than the required     |               | based on full system load?                                    |
|               | number of times and the correct alarm signal thereafter.      | ✓             | Battery voltage main power on?25.5 Vdc?                       |
| Na            | Coded signal sequences are not interrupted by                 | ✓             | Battery voltage and current with main power supply "off"      |
|               | subsequent alarms?  |               | and fire alarm in supervisory condition?                      |
| Na            | Ancillary circuit by-pass will result in a trouble signal?    |               | Voltage25.3DC Current0.22A                                    |
| <u>✓</u>      | Input circuit to output circuit operation including           | <b>✓</b>      | Battery voltage and current with main power supply "off"      |
|               | ancillary device circuits, for correct program operation      |               | and fire alarm in full load alarm condition?                  |
|               | as per design & spec. (App "C")                               | ,             | voltage25.1Vdc Current0.04A                                   |
| <u>√</u>      | Fire alarm Reset operates?                                    | <b>√</b>      | Charging current is0.09A                                      |
| <u>√</u>      | Main power to emergency power supply transfer operates?       | <b>√</b>      | Inspected for physical damage?                                |
| Na            | Status change confirmation (smoke detectors) verified         | <b>√</b>      | Terminal cleaned and lubricated?                              |
| <u>Na</u>     | Receipt of alarm transmission to signal receiving center?     | <u>√</u>      | Terminals clamped tightly?                                    |
| Na            | Receipt of supervisory trans to signal receiving center?      | Na            | Correct Electrolyte level?                                    |
| Na            | Receipt of trouble transmission to signal receiving center?   | Na            | Specific gravity within mfg specifications?                   |
| <u>Na</u>     | Operation of the fire signal receiving center disconnect      | Na            | Electrolyte leaks?  |
|               | results in a specific trouble indication at control unit?     | <b>√</b>      | Adequately ventilated?  |
|               | 2.3 Control Unit or Transponder Inspection                    | <del></del>   | Battery mfg's date code or in-service date:2017               |
|               | Input circuit designations, correctly identified in relation  | <b>√</b>      | Disconnection causes trouble signal?                          |
|               | to connected field devices                                    | Na            | Indicate type of Battery Test Performed?                      |
| <b>√</b>      | Output circuit designations correctly identified in relation  | <u>Na</u>     | (1) supervisory load for 24h followed by full load operation. |
|               | to connected field devices.                                   | <u>Na</u>     | (2) silent test by using load resister method -App F1         |
| <b>√</b>      | Correct designations-common control functions / indicators    | <u>Na</u>     | (3) Silent accelerated test – App F2                          |
| <del>/-</del> | Plugin components and modules securely in place?              | Na Na         | (4) A battery capacity meter test App F3                      |
| <u> </u>      | Plugin cables securely in place                               | Na            | (5) In lieu of battery tests, replace with new set            |
| Na Na         | Record date, revision and version of Firmware & software      | ,             | having current date code, as per mfg                          |
| Na Na         | Date:Ver:   | <del>-/</del> | Record calculated battery capacity App F45A h                 |
| <u>√</u>      | Clean and free of dust and dirt?                              | <del>/</del>  | Record battery terminal voltage after testsV dc               |
| <u> </u>      | Fuses in accordance with MFGs specification?                  | <u>*</u>      | Battery voltage not less than 85% of its rating after tests.  |
| ٧             | Control Unit or transponder lock functional?                  | ▼             | Generator provides power to the AC circuit for FA syst.       |

Inspection and Testing of Fire Alarm Systems
Building Name: Mission Minimum – A18 Date: July 2017

| <u> </u>      | es - Tested correctly "X" No - Did not test correctly (Ex<br>2.5 Emergency Power Supply Test and Inspection | pium rec |                             | t and operation outside the shorted |
|---------------|---|----------|-----------------------------|-------------------------------------|
| No            |   |          |                             |                                     |
| Na            | Trouble condition at the em gen shall result in an audible  | ••       | section between each pa     |                                     |
|               | common trouble signal and a visual indication at the  | Na       | (i) Control unit to control |                                     |
|               | required annunciator?   | Na       | (ii) Control unit to trans  | •                                   |
|               | 2.7 Annunciator or Sequential Displays  | Na       | (iii)Transponder to trans   | -                                   |
| <b>√</b>      | Power on indicator operates?  |          | 2.2 Voice Communicati       | ion Inspection/Tests                |
| <b>√</b>      | Individual alarm, supervisory zone indication operates.   | Na       | Power "ON" operates?        |                                     |
| Na            | (Exception: operation of each individual alarm and  | Na       | Common visual trouble       | signal operates?                    |
|               | supervisory zone indication, or lights the identical  | Na       | Common audible trouble      | e signal operates?                  |
|               | indicators at the other annunciators and sequential display)  | Na       | Trouble signal silence sy   | witch operates?                     |
|               | Specify method of confirmation  | Na       | All call voice paging inc   | luding visual indicator operates?   |
|               |   | Na       | Output circuits for selec   | tive voice paging including visual  |
| ✓             | Minimum of 1 alarm zone and one supervisory zone tested   |          | indication operates?        | 1 0 0                               |
|               | per annunciator or sequential display to confirm operation.   | Na       |                             | tive voice paging trouble operation |
| ✓             | Individual alarm and supervisory zone labels identified.  |          | including visual indicati   |                                     |
| $\overline{}$ | Common trouble signal operates?   | Na       | _                           | ress to talk switch operates?       |
| Na            | Visual indicator test (lamp test) operates?   | Na       |                             | ng does interfere with initial      |
| <b>√</b>      | Input wiring form control unit/transponder supervised   |          | inhibit time of alert and   |                                     |
| $\overline{}$ | Alarm signal silence visual indicator operates?   | Na       |                             | erates on emergency power?          |
| na            | Switches for ancillary function operate as per design?  | Na       |                             | lifier, system automatically        |
| Na            | Other ancillary functions visual indicators operate?  | 114      | transfers to backup ampl    |                                     |
| Na            | Manual activation of alarm signal and indication operate?   | Na       |                             | elephone call in operation          |
|               |   | Ма       |                             |                                     |
|               | Displays are visible in installed location?   | NI       | including audible and vi    |                                     |
| N.            | 2.9 Printer Testing   | Na       |                             | elephone for operation, including   |
| Na            | Operation as per design and specification?  | NT.      | two-way voice communi       | -                                   |
| Na            | Zone of each alarm initiating device is correctly printed?  | Na       |                             | elephones trouble operation         |
| Na            | Rated voltage is present?   | ••       | including visual indicati   |                                     |
|               | 2.10 Data Communication Link Test (DCL)   | Na       |                             | erbal communication operates?       |
| Na            | Confirm that a trouble signal is receive at the control unit  | Na       | Emergency telephone of      | perable or in-use tone at handset.  |
|               | or transponder under an open loop fault for each DCL  |          |                             |                                     |
| Na            | Where fault isolation modules are installed in DCL serving  |          | <b>.</b>                    |                                     |
|               | field devices, wiring shall be shorted on the isolated side,  |          | 2.11 Ancillary Device (     |                                     |
|               | annunciation of the fault confirmed, and then a field   | Na       | Circuit –                   | confirmed                           |
|               | device on the source side shall be operated, and activation   | Na       | Circuit –                   | confirmed                           |
|               | confirmed at the control unit or transponder.   | Na       | Circuit –                   | confirmed                           |
| Na            | Where a fault isolation in DCL is provided between  | Na       | Circuit –                   | confirmed                           |
|               | control units/transponders and between  |          |                             |                                     |
| Na            | Transponders, introduce a short circuit fault and confirm   |          |                             |                                     |
|               | Continued   |          |                             |                                     |
|               |   |          |                             |                                     |
| 3 3242 -      |   |          |                             |                                     |
| aanno         | nal Comments:   |          |                             |                                     |
|               |   |          |                             |                                     |
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|               |   |          |                             |                                     |
|               |   |          |                             |                                     |
|               |   |          |                             |                                     |

|                          |  | Date of Service:<br>July 2017 |                      | Time:<br>7:00am |                                 |  |  |
|--------------------------|--|-------------------------------|----------------------|-----------------|---------------------------------|--|--|
|                          | ELLTE  |                               | al Inspection        | 7.00am          | Last Service Date:<br>July 2016 |  |  |
|                          | FURE   | Single Stage                  | Two                  | Stage           | Direct Connection               |  |  |
| <br>  Unit 1 = 33        | PROTECTION LTD 605 Maclure Road, Abbotsford, BC, V2S-7W2   |                               |                      |                 | □ yes □no                       |  |  |
| Omt 1 – 33               | Office – 1-877-850-0014  | Manufacturer:<br>Edwasrds     |                      |                 | Model #<br>EST-1                |  |  |
| <b>Building Name:</b>    |  | Contact Person:               |                      |                 | Phone:                          |  |  |
| Mission Minimus Address: | n – A-19   | Scott Verwold Owner:          |                      |                 | 604-820-5758<br>Phone:          |  |  |
| 33737 Dewdney            |  | Corrections Canada            |                      |                 | 604-820-5758                    |  |  |
| City:<br>Mission         | Postal Code:   | Fire Signal Receiving         | g Centre:            |                 | Phone:<br>Acct:                 |  |  |
| "Yes"- Acco              | eptable "No" - Unacceptable (Explain No answe  | ers in comments)              |                      |                 |                                 |  |  |
| 165 110                  |  | oummar y                      |                      |                 |                                 |  |  |
|                          | The entire fire alarm system has been inspected a  | and tested in accordance      | ce with CAN/Ul       | LC S536         |                                 |  |  |
|                          | The fire alarm system documentation is on site an  | nd includes a descripti       | on of the systen     | n.              |                                 |  |  |
|                          | The fire alarm system is fully functional.   |                               |                      |                 |                                 |  |  |
|                          | The fire alarm system has deficiencies noted.  |                               |                      |                 |                                 |  |  |
|                          | A copy of this report is given to the Owner or the   | e owner's representative      | ve.                  |                 |                                 |  |  |
|                          |  |                               |                      | 1               |                                 |  |  |
|                          | NA Reconnect time limit of   |                               |                      |                 |                                 |  |  |
|                          | Reconnect ancillary fu   |                               |                      |                 |                                 |  |  |
|                          | NA Reconnect ancillary fu  |                               | ections)?            |                 |                                 |  |  |
|                          | Reconnect signal power   |                               | ,                    |                 |                                 |  |  |
|                          | Advise fire departmen  | <u> </u>                      | ted?                 |                 |                                 |  |  |
|                          | Ensure that the alarm  | system is functional?         |                      |                 |                                 |  |  |
|                          |  |                               |                      |                 |                                 |  |  |
| Commer                   | nts  |                               |                      |                 |                                 |  |  |
|                          |  |                               |                      |                 |                                 |  |  |
|                          |  |                               |                      |                 |                                 |  |  |
|                          | SEE DEFI   | CIENCY REPORT                 | Γ                    |                 |                                 |  |  |
|                          |  |                               |                      |                 |                                 |  |  |
|                          |  |                               |                      |                 |                                 |  |  |
|                          |  |                               |                      |                 |                                 |  |  |
| I state that the infe    | ormation on this form is correct at the time and alone of  | enaction, and that all accel- | nant was tosted in - | onformerss      | yith applicable codes and the   |  |  |
|                          | ormation on this form is correct at the time and place of my insquirements and at this time was left in operational condition up |                               |                      |                 |                                 |  |  |
| Matt                     | Allen Amy – FP0669   | 7:009                         |                      |                 |                                 |  |  |

Date

Time

Technician Stamp

Date: July 2017 Building Name: Mission Minimum – A19

"√" Yes - Tested correctly "X" No - Did not test correctly (Explain NO answers in comments) "NA" Not applicable

| 2.1          | Control Unit or Transponder Tests  | <b>√</b>     | Termination points from wiring to field devices secure          |
|--------------|--|--------------|---|
| ✓            | Power on visual indicator operates?  |              | 2.6 Annunciator & Remote Trouble Test & Inspection              |
|              | Common visual trouble signal operates?   | Na           | Power on indicator operates?                                    |
| <u> </u>     | Common audible trouble signal operates?  | Na           | Individual alarm and supervisory input zone clearly             |
| <b>√</b>     | Trouble signal silence switch operates?  | Na           | indicated and separately designated?                            |
| <b>√</b>     | Main Power supply failure trouble signal operates?   | Na           | Individual alarm and supervisory zone labels identified?        |
| <b>→</b>     | Ground fault tested on positive and negative trouble signal  | Na           | Common trouble signal operates?                                 |
| Na           | Alert signal operation operates?   | Na           | Visual indicator test - Lamp test operates?                     |
| <b>√</b>     | Alarm signal operation operates?   | Na           | Input wiring from control unit/transponder is supervised?       |
| Na           | Automatic transfer from alert to alarm signal operates?  | Na           | Alarm signal silence visual indicator operates?                 |
| Na           | Manual transfer from alert signal to alarm signal operates?  | Na           | Switches for ancillary function operate as per design?          |
| Na           | Auto transfer from alert to alarm signal cancel operates   | Na           | Other ancillary function visual indicators operate?             |
| Na           | Alarm signal silence inhibit function operates?  | Na           | Manual activation of alarm signal and indication operates?      |
| <b>→</b>     | Alarm signal manual silence operates?  | Na           | Displays are visible in installed location operates?            |
| <u> </u>     | Alarm signal silence visual indication operates?   | Na           | Operates on emergency power?                                    |
| Na           | Alarm signal when silenced automatically reinitiates on  |              | 2.4 Power Supply Inspection                                     |
|              | subsequent alarm?  | <b>√</b>     | Fused with mfgs marked rating of the system?                    |
| Na           | Alarm signal silence automatic cut-out timer?  | <b>√</b>     | Adequate to meet the requirements of the system?                |
|              | Audible visual and alert and alarm signals programmed  |              | 2.8 Remote Trouble Signal Unit Test and Inspection              |
|              | and operate as per design & specification. (app C)   | Na           | Input wiring form control/transponder is supervised?            |
| <u> </u>     | Input circuit alarm and supervisory operation including  | Na           | Visual trouble signal operates?                                 |
|              | audible and visual indication operates?  | Na           | Audible trouble signal operates?                                |
| <u> </u>     | Input circuit supervision fault causes a trouble indication?   | Na           | Audible trouble signal silence operates?                        |
| <u> </u>     | Output circuit alarm indicators operate?   |              | 2.5 Emergency Power Supply Test and Inspection                  |
| <b>✓</b>     | Output circuit supervision fault causes a trouble indication?  | <b>✓</b>     | Correct battery type as recommend by manufacturer?              |
| Na           | Visual indicator test (lamp test)?   | <b>✓</b>     | Correct rating as determined by battery calculations            |
| Na           | Coded signal sequence operates not less than the required  |              | based on full system load?                                      |
|              | number of times and the correct alarm signal thereafter.   | <b>✓</b>     | Battery voltage main power on?25.9 Vdc?                         |
| Na           | Coded signal sequences are not interrupted by  | <b>✓</b>     | Battery voltage and current with main power supply "off"        |
|              | subsequent alarms?   |              | and fire alarm in supervisory condition?                        |
| <u>Na</u>    | Ancillary circuit by-pass will result in a trouble signal?   | ,            | Voltage25.8DC Current0.25A                                      |
| <u> </u>     | Input circuit to output circuit operation including  | <b>✓</b>     | Battery voltage and current with main power supply "off"        |
|              | ancillary device circuits, for correct program operation   |              | and fire alarm in full load alarm condition?                    |
| ✓            | as per design & spec. (App "C")  | ✓            | voltage 25.4 Vdc Current 0.33 A                                 |
| <del>'</del> | Fire alarm Reset operates?   | <del>,</del> | Charging current is0.09A  |
| Na           | Main power to emergency power supply transfer operates?<br>Status change confirmation (smoke detectors) verified |              | Inspected for physical damage? Terminal cleaned and lubricated? |
| Na Na        | Receipt of alarm transmission to signal receiving center?  | <del></del>  | Terminals clamped tightly?                                      |
| Na           | Receipt of supervisory trans to signal receiving center?   | Na           | Correct Electrolyte level?                                      |
| Na           | Receipt of trouble transmission to signal receiving center?  | Na           | Specific gravity within mfg specifications?                     |
| Na Na        | Operation of the fire signal receiving center disconnect   |              | Electrolyte leaks?  |
|              | results in a specific trouble indication at control unit?  |              | Adequately ventilated?  |
|              | 2.3 Control Unit or Transponder Inspection   | <del></del>  | Battery mfg's date code or in-service date:2017                 |
| ✓            | Input circuit designations, correctly identified in relation   | <u> </u>     | Disconnection causes trouble signal?                            |
|              | to connected field devices   | Na           | Indicate type of Battery Test Performed?                        |
| ✓            | Output circuit designations correctly identified in relation   | Na           | (1) supervisory load for 24h followed by full load operation.   |
|              | to connected field devices.  | Na           | (2) silent test by using load resister method -App F1           |
| ✓            | Correct designations-common control functions / indicators   | Na           | (3) Silent accelerated test – App F2                            |
|              | Plugin components and modules securely in place?   | Na           | (4) A battery capacity meter test App F3                        |
|              | Plugin cables securely in place  | Na           | (5) In lieu of battery tests, replace with new set              |
| Na           | Record date, revision and version of Firmware & software   |              | having current date code, as per mfg                            |
| Na           | Date: Rev: Ver:  | ✓            | Record calculated battery capacity App F4_4.5A h                |
| <u> </u>     | Clean and free of dust and dirt?   | <b>√</b>     | Record battery terminal voltage after testsV dc                 |
|              | Fuses in accordance with MFGs specification?   | <b>√</b>     | Battery voltage not less than 85% of its rating after tests.    |
|              | Control Unit or transponder lock functional?   |              | Generator provides power to the AC circuit for FA syst.         |
|              | control ont of transpolitor fock functional:   |              | concience provides power to the rice election in 11 syst.       |

Inspection and Testing of Fire Alarm Systems Building Name: Mission Minimum – A19 Date: July 2017

| "√"∖     | Yes - Tested correctly "X" No - Did not test correctly (Ex   | plain NO | answers in comments         | ) "NA" Not applicable              |
|----------|--|----------|-----------------------------|------------------------------------|
|          | 2.5 Emergency Power Supply Test and Inspection               |          | Annunciation of the fault   | and operation outside the shorted  |
| ✓        | Trouble condition at the em gen shall result in an audible   |          | section between each pair   | r of:                              |
| ·        | common trouble signal and a visual indication at the         | Na       | (i) Control unit to control | l unit                             |
|          | required annunciator?  | Na       | (ii) Control unit to transp | onder                              |
|          | 2.7 Annunciator or Sequential Displays                       | Na       | (iii)Transponder to transp  |                                    |
| ✓        | Power on indicator operates?                                 |          | 2.2 Voice Communication     |                                    |
| <b>√</b> | Individual alarm, supervisory zone indication operates.      | Na       | Power "ON" operates?        |                                    |
| Na       | (Exception: operation of each individual alarm and           | Na       | Common visual trouble s     | ignal operates?                    |
|          | supervisory zone indication, or lights the identical         | Na       | Common audible trouble      |                                    |
|          | indicators at the other annunciators and sequential display) | Na       | Trouble signal silence sw   |                                    |
|          | Specify method of confirmation                               | Na       |                             | uding visual indicator operates?   |
|          | speerly method of communation                                | Na       |                             | ive voice paging including visual  |
| ✓        | Minimum of 1 alarm zone and one supervisory zone tested      |          | indication operates?        | tve voice paging merading visual   |
|          | per annunciator or sequential display to confirm operation.  | Na       | -                           | ive voice paging trouble operation |
| ✓        | Individual alarm and supervisory zone labels identified.     |          | including visual indication |                                    |
| _        | Common trouble signal operates?                              | Na       |                             | ess to talk switch operates?       |
| Na       | Visual indicator test (lamp test) operates?                  | Na       |                             | g does interfere with initial      |
| <u>√</u> | Input wiring form control unit/transponder supervised        |          | inhibit time of alert and a | _                                  |
| _        | Alarm signal silence visual indicator operates?              | Na       |                             | rates on emergency power?          |
| na       | Switches for ancillary function operate as per design?       | Na       |                             | ifier, system automatically        |
| Na       | Other ancillary functions visual indicators operate?         |          | transfers to backup ampli   |                                    |
| Na       | Manual activation of alarm signal and indication operate?    | Na       | Circuits for emergency te   |                                    |
| <u>√</u> | Displays are visible in installed location?                  |          | including audible and vis   |                                    |
|          | 2.9 Printer Testing  | Na       |                             | elephone for operation, including  |
| Na       | Operation as per design and specification?                   |          | two-way voice communic      |                                    |
| Na       | Zone of each alarm initiating device is correctly printed?   | Na       | •                           | elephones trouble operation        |
| Na       | Rated voltage is present?                                    |          | including visual indication |                                    |
|          | 2.10 Data Communication Link Test (DCL)                      | Na       |                             | bal communication operates?        |
| Na       | Confirm that a trouble signal is receive at the control unit | Na       |                             | erable or in-use tone at handset.  |
|          | or transponder under an open loop fault for each DCL         |          | Emergency telephone op      | cruste of in use tone at manaset.  |
| Na       | Where fault isolation modules are installed in DCL serving   |          |                             |                                    |
| -        | field devices, wiring shall be shorted on the isolated side, |          | 2.11 Ancillary Device C     | ircuit Test                        |
|          | annunciation of the fault confirmed, and then a field        | Na       | Circuit –                   | confirmed                          |
|          | device on the source side shall be operated, and activation  | Na       | Circuit –                   | confirmed                          |
|          | confirmed at the control unit or transponder.                | Na       | Circuit –                   | confirmed                          |
| Na       | Where a fault isolation in DCL is provided between           | Na       | Circuit –                   | confirmed                          |
| -        | control units/transponders and between                       |          |                             |                                    |
| Na       | Transponders, introduce a short circuit fault and confirm    |          |                             |                                    |
|          | Continued  |          |                             |                                    |
| Additio  | onal Comments:   |          |                             |                                    |
|          |  |          |                             |                                    |
|          |  |          |                             |                                    |
|          |  |          |                             |                                    |
|          |  |          |                             |                                    |
|          |  |          |                             |                                    |
|          |  |          |                             |                                    |
|          |  |          |                             |                                    |
|          |  |          |                             |                                    |
|          |  |          |                             |                                    |
|          |  |          |                             |                                    |
|          |  |          |                             |                                    |

|                                      |                                   | Date of<br>July 201                    |                          | Time: 7:00am          |                          |  |  |
|--------------------------------------|-----------------------------------|--|--------------------------|-----------------------|--------------------------|--|--|
|                                      |                                   |  |                          | Last Service Date:    |                          |  |  |
|                                      |                                   |  | Annual Insp<br>⊠         | pection               | July 2016                |  |  |
|                                      | FIRE                              | Sir                                    | ngle Stage               | Two Stage             | <b>Direct Connection</b> |  |  |
|                                      | TECTION LTD                       |  |                          |                       | □ yes □no                |  |  |
|                                      | Road, Abbotsford, BC,             |  |                          | <del>_</del>          | 26.1.1.4                 |  |  |
| Office -                             | - 1-877-850-0014                  | Manufa<br>Edwasr                       |                          |                       | Model #<br>EST-1         |  |  |
| Building Name:                       |                                   |  | Person:                  |                       | Phone:                   |  |  |
| Mission Minimum – A-20<br>Address:   |                                   | Scott Ve                               | erwold                   |                       | 604-820-5758<br>Phone:   |  |  |
| 33737 Dewdney Trunk Road             |                                   |  | ions Canada              |                       | 604-820-5758             |  |  |
| City:                                | Postal Code:                      | Fire Sig                               | gnal Receiving Centre    | e:                    | Phone:                   |  |  |
| Mission                              |                                   |  |                          |                       | Acct:                    |  |  |
|                                      |                                   |  |                          |                       |                          |  |  |
| "Yes"- Acceptable "No                | ' - Unacceptable (Expla           | in No answers in com                   | ments)                   |                       |                          |  |  |
| Yes No                               |                                   | Summary                                |                          |                       |                          |  |  |
|                                      | 2 1 . 1 1                         |  | 1                        | CANAN C SES           |                          |  |  |
| The entire 1                         | fire alarm system has bee         | n inspected and tested i               | n accordance with        | 1 CAN/ULC S536        | <u> </u>                 |  |  |
| ☐ ☐ The fire ala                     | rm system documentation           | n is on site and include               | s a description of t     | the system.           |                          |  |  |
| The fire ala                         | rm system is fully function       | onal.                                  |                          |                       |                          |  |  |
|                                      | in system is raily railer.        | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |                          |                       |                          |  |  |
| The fire ala                         | rm system has deficienci          | es noted.                              |                          |                       |                          |  |  |
| A copy of t                          | his report is given to the        | Owner or the owner's i                 | representative.          |                       |                          |  |  |
|                                      |                                   |  | •                        |                       |                          |  |  |
|                                      |                                   | ans After-test Checkli                 | st                       |                       |                          |  |  |
|                                      |                                   | t time limit cutouts?                  |                          |                       |                          |  |  |
|                                      |                                   | t ancillary functions?                 | 00.1                     |                       |                          |  |  |
|                                      |                                   | t ancillary functions (o               | ff site connections      | 3)?                   |                          |  |  |
|                                      |                                   | t signal power?                        |                          |                       |                          |  |  |
|                                      |                                   | re department the testin               | system is functional?    |                       |                          |  |  |
|                                      | Elisure un                        | at the ararm system is i               | unctional?               |                       |                          |  |  |
|                                      |                                   |  |                          |                       |                          |  |  |
| Comments                             |                                   |  |                          |                       |                          |  |  |
|                                      |                                   |  |                          |                       |                          |  |  |
|                                      |                                   |  |                          |                       |                          |  |  |
|                                      | •                                 | SEE DEFICIENCY                         | REPORT                   |                       |                          |  |  |
|                                      | •                                 | SEE DEI ICIEIVC I                      | KEI OKI                  |                       |                          |  |  |
|                                      |                                   |  |                          |                       |                          |  |  |
|                                      |                                   |  |                          |                       |                          |  |  |
|                                      |                                   |  |                          |                       |                          |  |  |
| I state that the information on this |                                   |  |                          |                       |                          |  |  |
| Manufacturers requirements and a     | t this time was left in operation | nal condition upon completic           | on of this inspection ex | cept as noted in comr | ments.                   |  |  |
| Allen Amy -                          | - FP0669                          |  |                          |                       |                          |  |  |
| Matthew Kowale                       | nko – FP1093                      | July 2017                              | 7:00am                   |                       |                          |  |  |

Date

Time

Technician Stamp

Date: July 2017 Building Name: Mission Minimum – A20

" $\sqrt{}$ " Yes - Tested correctly "X" No - Did not test correctly (Explain NO answers in comments) "NA" Not applicable

| 2.1           | Control Unit or Transponder Tests                             | <b>-</b>      | Termination points from wiring to field devices secure        |
|---------------|---|---------------|---|
| ✓             | Power on visual indicator operates?                           |               | 2.6 Annunciator & Remote Trouble Test & Inspection            |
| $\overline{}$ | Common visual trouble signal operates?                        | Na            | Power on indicator operates?                                  |
| $\overline{}$ | Common audible trouble signal operates?                       | Na            | Individual alarm and supervisory input zone clearly           |
| $\overline{}$ | Trouble signal silence switch operates?                       | Na            | indicated and separately designated?                          |
| $\overline{}$ | Main Power supply failure trouble signal operates?            | Na            | Individual alarm and supervisory zone labels identified?      |
| $\overline{}$ | Ground fault tested on positive and negative trouble signal   | Na            | Common trouble signal operates?                               |
| Na            | Alert signal operation operates?                              | Na            | Visual indicator test - Lamp test operates?                   |
| $\overline{}$ | Alarm signal operation operates?                              | Na            | Input wiring from control unit/transponder is supervised?     |
| Na            | Automatic transfer from alert to alarm signal operates?       | Na            | Alarm signal silence visual indicator operates?               |
| Na            | Manual transfer from alert signal to alarm signal operates?   | Na            | Switches for ancillary function operate as per design?        |
| Na            | Auto transfer from alert to alarm signal cancel operates      | Na            | Other ancillary function visual indicators operate?           |
| Na            | Alarm signal silence inhibit function operates?               | Na            | Manual activation of alarm signal and indication operates?    |
| $\overline{}$ | Alarm signal manual silence operates?                         | Na            | Displays are visible in installed location operates?          |
| $\overline{}$ | Alarm signal silence visual indication operates?              | Na            | Operates on emergency power?                                  |
| Na            | Alarm signal when silenced automatically reinitiates on       |               | 2.4 Power Supply Inspection                                   |
|               | subsequent alarm?   | ✓             | Fused with mfgs marked rating of the system?                  |
| Na            | Alarm signal silence automatic cut-out timer?                 | $\overline{}$ | Adequate to meet the requirements of the system?              |
| <u>√</u>      | Audible visual and alert and alarm signals programmed         |               | 2.8 Remote Trouble Signal Unit Test and Inspection            |
|               | and operate as per design & specification. (app C)            | Na            | Input wiring form control/transponder is supervised?          |
| ✓             | Input circuit alarm and supervisory operation including       | Na            | Visual trouble signal operates?                               |
|               | audible and visual indication operates?                       | Na            | Audible trouble signal operates?                              |
| ✓             | Input circuit supervision fault causes a trouble indication?  | Na            | Audible trouble signal silence operates?                      |
| $\overline{}$ | Output circuit alarm indicators operate?                      |               | 2.5 Emergency Power Supply Test and Inspection                |
| $\overline{}$ | Output circuit supervision fault causes a trouble indication? | ✓             | Correct battery type as recommend by manufacturer?            |
| Na            | Visual indicator test (lamp test)?                            |               | Correct rating as determined by battery calculations          |
| Na            | Coded signal sequence operates not less than the required     |               | based on full system load?                                    |
|               | number of times and the correct alarm signal thereafter.      | ✓             | Battery voltage main power on?25.4 Vdc?                       |
| Na            | Coded signal sequences are not interrupted by                 | _             | Battery voltage and current with main power supply "off"      |
|               | subsequent alarms?  |               | and fire alarm in supervisory condition?                      |
| Na            | Ancillary circuit by-pass will result in a trouble signal?    |               | Voltage25.2DC Current0.23A                                    |
| <b>✓</b>      | Input circuit to output circuit operation including           | ✓             | Battery voltage and current with main power supply "off"      |
|               | ancillary device circuits, for correct program operation      |               | and fire alarm in full load alarm condition?                  |
|               | as per design & spec. (App "C")                               |               | voltage25.1Vdc Current0.41A                                   |
| ✓             | Fire alarm Reset operates?                                    | ✓             | Charging current is0.08A                                      |
| $\overline{}$ | Main power to emergency power supply transfer operates?       | <u>√</u>      | Inspected for physical damage?                                |
| Na            | Status change confirmation (smoke detectors) verified         | <u>√</u>      | Terminal cleaned and lubricated?                              |
| Na            | Receipt of alarm transmission to signal receiving center?     | <u>√</u>      | Terminals clamped tightly?                                    |
| Na            | Receipt of supervisory trans to signal receiving center?      | Na            | Correct Electrolyte level?                                    |
| Na            | Receipt of trouble transmission to signal receiving center?   | Na            | Specific gravity within mfg specifications?                   |
| Na            | Operation of the fire signal receiving center disconnect      | Na            | Electrolyte leaks?  |
|               | results in a specific trouble indication at control unit?     | <u>√</u>      | Adequately ventilated?  |
|               | 2.3 Control Unit or Transponder Inspection                    | <b>√</b>      | Battery mfg's date code or in-service date:2017               |
| ✓             | Input circuit designations, correctly identified in relation  | <b>√</b>      | Disconnection causes trouble signal?                          |
|               | to connected field devices                                    | Na            | Indicate type of Battery Test Performed?                      |
| ✓             | Output circuit designations correctly identified in relation  | Na            | (1) supervisory load for 24h followed by full load operation. |
|               | to connected field devices.                                   | Na            | (2) silent test by using load resister method -App F1         |
| ✓             | Correct designations-common control functions / indicators    | Na            | (3) Silent accelerated test – App F2                          |
| $\overline{}$ | Plugin components and modules securely in place?              | Na            | (4) A battery capacity meter test App F3                      |
| $\overline{}$ | Plugin cables securely in place                               | Na            | (5) In lieu of battery tests, replace with new set            |
| Na            | Record date, revision and version of Firmware & software      |               | having current date code, as per mfg                          |
| Na            | Date:Ver:Ver:   | ✓             | Record calculated battery capacity App F4_4.5A h              |
| $\overline{}$ | Clean and free of dust and dirt?                              | <b>√</b>      | Record battery terminal voltage after testsV dc               |
| $\overline{}$ | Fuses in accordance with MFGs specification?                  | <b>√</b>      | Battery voltage not less than 85% of its rating after tests.  |
| $\overline{}$ | Control Unit or transponder lock functional?                  | $\overline{}$ | Generator provides power to the AC circuit for FA syst.       |

Inspection and Testing of Fire Alarm Systems
Building Name: Mission Minimum – A20 Date: July 2017

| "√"Y         | es - Tested correctly "X" No - Did not test correctly (Ex    | plain NC |                            |                                       |
|--------------|--|----------|----------------------------|---------------------------------------|
|              | 2.5 Emergency Power Supply Test and Inspection               |          |                            | alt and operation outside the shorted |
| Na           | Trouble condition at the em gen shall result in an audible   |          | section between each pa    |                                       |
|              | common trouble signal and a visual indication at the         | Na       | (i) Control unit to contr  | ol unit                               |
|              | required annunciator?  | Na       | (ii) Control unit to trans | sponder                               |
|              | 2.7 Annunciator or Sequential Displays                       | Na       | (iii)Transponder to tran   | sponder                               |
| ✓            | Power on indicator operates?                                 |          | 2.2 Voice Communicat       | tion Inspection/Tests                 |
| ✓            | Individual alarm, supervisory zone indication operates.      | Na       | Power "ON" operates?       |                                       |
| Na           | (Exception: operation of each individual alarm and           | Na       | Common visual trouble      | signal operates?                      |
|              | supervisory zone indication, or lights the identical         | Na       | Common audible troubl      | le signal operates?                   |
|              | indicators at the other annunciators and sequential display) | Na       | Trouble signal silence s   | switch operates?                      |
|              | Specify method of confirmation                               | Na       |                            | cluding visual indicator operates?    |
|              |  | Na       |                            | ctive voice paging including visual   |
| ✓            | Minimum of 1 alarm zone and one supervisory zone tested      |          | indication operates?       |                                       |
|              | per annunciator or sequential display to confirm operation.  | Na       |                            | ctive voice paging trouble operation  |
| ✓            | Individual alarm and supervisory zone labels identified.     |          | including visual indicat   |                                       |
| <b>✓</b>     | Common trouble signal operates?                              | Na       |                            | press to talk switch operates?        |
| Na           | Visual indicator test (lamp test) operates?                  | Na       |                            | ing does interfere with initial       |
| <b>√</b>     | Input wiring form control unit/transponder supervised        |          | inhibit time of alert and  |                                       |
| ✓            | Alarm signal silence visual indicator operates?              | Na       |                            | perates on emergency power?           |
| na           | Switches for ancillary function operate as per design?       | Na       |                            | plifier, system automatically         |
| Na           | Other ancillary functions visual indicators operate?         |          | transfers to backup amp    |                                       |
| Na           | Manual activation of alarm signal and indication operate?    | Na       |                            | telephone call in operation           |
| $\checkmark$ | Displays are visible in installed location?                  |          |                            | risual indication operates            |
|              | 2.9 Printer Testing  | Na       | <u> </u>                   | telephone for operation, including    |
| Na           | Operation as per design and specification?                   |          | two-way voice commun       |                                       |
| Na           | Zone of each alarm initiating device is correctly printed?   | Na       |                            | telephones trouble operation          |
| Na           | Rated voltage is present?                                    |          | including visual indicat   |                                       |
|              | 2.10 Data Communication Link Test (DCL)                      | Na       |                            | erbal communication operates?         |
| Na           | Confirm that a trouble signal is receive at the control unit | Na       |                            | perable or in-use tone at handset.    |
|              | or transponder under an open loop fault for each DCL         |          |                            | r                                     |
| Na           | Where fault isolation modules are installed in DCL serving   |          |                            |                                       |
| -            | field devices, wiring shall be shorted on the isolated side, |          | 2.11 Ancillary Device      | Circuit Test                          |
|              | annunciation of the fault confirmed, and then a field        | Na       | Circuit –                  | confirmed                             |
|              | device on the source side shall be operated, and activation  | Na       | Circuit –                  | confirmed                             |
|              | confirmed at the control unit or transponder.                | Na       | Circuit –                  | confirmed                             |
| Na           | Where a fault isolation in DCL is provided between           | Na       | Circuit –                  | confirmed                             |
| -            | control units/transponders and between                       |          |                            |                                       |
| Na           | Transponders, introduce a short circuit fault and confirm    |          |                            |                                       |
|              | Continued  |          |                            |                                       |
| —<br>Additio | onal Comments:   |          |                            |                                       |
|              |  |          |                            |                                       |
|              |  |          |                            |                                       |
|              |  |          |                            |                                       |
|              |  |          |                            |                                       |
|              |  |          |                            |                                       |
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|              |  |          |                            |                                       |
|              |  |          |                            |                                       |
|              |  |          |                            |                                       |
|              |  |          |                            |                                       |
|              |  |          |                            |                                       |
|              |  |          |                            |                                       |

|                             |   | Date of Service:<br>July 2017   |                    | Time:<br>7:00am      |                   |
|-----------------------------|---|---------------------------------|--------------------|----------------------|-------------------|
| ELLE                        |   |                                 | Inspection         |                      | vice Date:        |
|                             | PROTECTION ITD  | Single Stage                    | Two St             | a2C                  | ect Connection    |
| <br>  Unit 1 = 33           | PROTECTION LTD 605 Maclure Road, Abbotsford, BC, V2S-7W2  |                                 |                    |                      | ] yes □no         |
| Omt 1 – 33                  | Office – 1-877-850-0014   | Manufacturer:<br>Edwasrds       |                    | Model #<br>EST-1     |                   |
| <b>Building Name:</b>       |   | Contact Person:                 |                    | Phone:               |                   |
| Mission Minimur<br>Address: | n – A-21  | Scott Verwold Owner:            |                    | 604-820-<br>Phone:   | 5758              |
| 33737 Dewdney               |   | Corrections Canada              |                    | 604-820-             | 5758              |
| City:<br>Mission            | Postal Code:  | Fire Signal Receiving (         | Centre:            | Phone:<br>Acct:      |                   |
| "Yes"- Acco                 | eptable "No" - Unacceptable (Explain No answo   | ers in comments)                |                    |                      | 1                 |
| Tes No                      | S   | oummar y                        |                    |                      |                   |
|                             | The entire fire alarm system has been inspected a   | and tested in accordance        | with CAN/ULC       | C S536               |                   |
|                             | The fire alarm system documentation is on site an   | nd includes a description       | n of the system.   |                      |                   |
| $\boxtimes$ $\square$       | The fire alarm system is fully functional.  |                                 |                    |                      |                   |
|                             | The fire alarm system has deficiencies noted.   |                                 |                    |                      |                   |
|                             | A copy of this report is given to the Owner or the  | e owner's representative        |                    |                      |                   |
|                             | T. 1  | 4 Cl. 112 4                     |                    |                      |                   |
|                             | NA Reconnect time limit of  |                                 |                    |                      |                   |
|                             | Reconnect ancillary fu  |                                 |                    |                      |                   |
|                             |   | inctions (off site connec       | tions)?            |                      |                   |
|                             | Reconnect signal pow  |                                 | ,                  |                      |                   |
|                             |   | t the testing is complete       | d?                 |                      |                   |
|                             | Ensure that the alarm   | system is functional?           |                    |                      |                   |
|                             |   |                                 |                    |                      |                   |
| Commen                      | nts   |                                 |                    |                      |                   |
|                             |   |                                 |                    |                      |                   |
|                             |   |                                 |                    |                      |                   |
|                             | SEE DEFI  | CIENCY REPORT                   |                    |                      |                   |
|                             |   |                                 |                    |                      |                   |
|                             |   |                                 |                    |                      |                   |
|                             |   |                                 |                    |                      |                   |
| Letate that the infe        | armation on this form is correct at the time and alone of   | enaction, and that all agricur- | nt was tosted in a | formance with and :1 | ble codes and the |
|                             | ormation on this form is correct at the time and place of my insuirements and at this time was left in operational condition up |                                 |                    |                      | ole codes and the |
| Mott                        | Allen Amy – FP0669  | 7:00am                          |                    |                      |                   |

Date

Time

Technician Stamp

Date: July 2017 Building Name: Mission Minimum – A21

" $\sqrt{}$ " Yes - Tested correctly "X" No - Did not test correctly (Explain NO answers in comments) "NA" Not applicable

| 2.1           | Control Unit or Transponder Tests                             | <b>√</b>       | Termination points from wiring to field devices secure        |
|---------------|---|----------------|---|
| <b>√</b>      | Power on visual indicator operates?                           |                | 2.6 Annunciator & Remote Trouble Test & Inspection            |
| $\overline{}$ | Common visual trouble signal operates?                        | Na             | Power on indicator operates?                                  |
|               | Common audible trouble signal operates?                       | Na             | Individual alarm and supervisory input zone clearly           |
| $\overline{}$ | Trouble signal silence switch operates?                       | Na             | indicated and separately designated?                          |
| $\overline{}$ | Main Power supply failure trouble signal operates?            | Na             | Individual alarm and supervisory zone labels identified?      |
|               | Ground fault tested on positive and negative trouble signal   | Na             | Common trouble signal operates?                               |
| Na            | Alert signal operation operates?                              | Na             | Visual indicator test - Lamp test operates?                   |
| <b>─</b> ✓    | Alarm signal operation operates?                              | Na             | Input wiring from control unit/transponder is supervised?     |
| Na            | Automatic transfer from alert to alarm signal operates?       | Na             | Alarm signal silence visual indicator operates?               |
| Na            | Manual transfer from alert signal to alarm signal operates?   | Na             | Switches for ancillary function operate as per design?        |
| Na            | Auto transfer from alert to alarm signal cancel operates      | Na             | Other ancillary function visual indicators operate?           |
| Na            | Alarm signal silence inhibit function operates?               | Na             | Manual activation of alarm signal and indication operates?    |
| $\overline{}$ | Alarm signal manual silence operates?                         | Na             | Displays are visible in installed location operates?          |
|               | Alarm signal silence visual indication operates?              | Na             | Operates on emergency power?                                  |
| Na            | Alarm signal when silenced automatically reinitiates on       |                | 2.4 Power Supply Inspection                                   |
|               | subsequent alarm?   | ✓              | Fused with mfgs marked rating of the system?                  |
| Na            | Alarm signal silence automatic cut-out timer?                 | $\overline{}$  | Adequate to meet the requirements of the system?              |
| <b>─</b> ✓    | Audible visual and alert and alarm signals programmed         |                | 2.8 Remote Trouble Signal Unit Test and Inspection            |
|               | and operate as per design & specification. (app C)            | Na             | Input wiring form control/transponder is supervised?          |
| ✓             | Input circuit alarm and supervisory operation including       | Na             | Visual trouble signal operates?                               |
|               | audible and visual indication operates?                       | Na             | Audible trouble signal operates?                              |
| ✓             | Input circuit supervision fault causes a trouble indication?  | Na             | Audible trouble signal silence operates?                      |
| <b>√</b>      | Output circuit alarm indicators operate?                      |                | 2.5 Emergency Power Supply Test and Inspection                |
| <b>√</b>      | Output circuit supervision fault causes a trouble indication? | ✓              | Correct battery type as recommend by manufacturer?            |
| Na            | Visual indicator test (lamp test)?                            | <u> </u>       | Correct rating as determined by battery calculations          |
| Na            | Coded signal sequence operates not less than the required     |                | based on full system load?                                    |
|               | number of times and the correct alarm signal thereafter.      | ✓              | Battery voltage main power on?25.4 Vdc?                       |
| Na            | Coded signal sequences are not interrupted by                 | <u> </u>       | Battery voltage and current with main power supply "off"      |
|               | subsequent alarms?  |                | and fire alarm in supervisory condition?                      |
| Na            | Ancillary circuit by-pass will result in a trouble signal?    |                | Voltage25.3DC Current0.18A                                    |
| <u> </u>      | Input circuit to output circuit operation including           | _ ✓            | Battery voltage and current with main power supply "off"      |
|               | ancillary device circuits, for correct program operation      |                | and fire alarm in full load alarm condition?                  |
| ,             | as per design & spec. (App "C")                               |                | voltage25.2Vdc Current0.19A                                   |
| <u>√</u>      | Fire alarm Reset operates?                                    | <u>√</u>       | Charging current is0.09A                                      |
| <u>✓</u>      | Main power to emergency power supply transfer operates?       | <u>√</u>       | Inspected for physical damage?                                |
| Na            | Status change confirmation (smoke detectors) verified         | <u>√</u>       | Terminal cleaned and lubricated?                              |
| Na            | Receipt of alarm transmission to signal receiving center?     | <b>✓</b>       | Terminals clamped tightly?                                    |
| Na            | Receipt of supervisory trans to signal receiving center?      | Na             | Correct Electrolyte level?                                    |
| Na            | Receipt of trouble transmission to signal receiving center?   | Na             | Specific gravity within mfg specifications?                   |
| Na            | Operation of the fire signal receiving center disconnect      | <u>Na</u>      | Electrolyte leaks?  |
|               | results in a specific trouble indication at control unit?     | <u>√</u>       | Adequately ventilated?  |
| ,             | 2.3 Control Unit or Transponder Inspection                    | <del></del>    | Battery mfg's date code or in-service date:2017               |
|               | Input circuit designations, correctly identified in relation  | <u>√</u>       | Disconnection causes trouble signal?                          |
| ,             | to connected field devices                                    | <u>Na</u>      | Indicate type of Battery Test Performed?                      |
| <u> </u>      | Output circuit designations correctly identified in relation  | <u>Na</u>      | (1) supervisory load for 24h followed by full load operation. |
| ,             | to connected field devices.                                   | <u>Na</u>      | (2) silent test by using load resister method -App F1         |
| <u>√</u>      | Correct designations-common control functions / indicators    | <u>Na</u>      | (3) Silent accelerated test – App F2                          |
| <del></del>   | Plugin components and modules securely in place?              | Na Na          | (4) A battery capacity meter test App F3                      |
| <u>√</u>      | Plugin cables securely in place                               | <u>Na</u>      | (5) In lieu of battery tests, replace with new set            |
| Na Na         | Record date, revision and version of Firmware & software      | .1             | having current date code, as per mfg                          |
| Na Na         | Date:   | <del>-/-</del> | Record calculated battery capacity App F4_4.5A h              |
| <del></del>   | Clean and free of dust and dirt?                              | <del>/</del>   | Record battery terminal voltage after testsV dc               |
| <del></del>   | Fuses in accordance with MFGs specification?                  | <del>-/</del>  | Battery voltage not less than 85% of its rating after tests.  |
| <b>v</b>      | Control Unit or transponder lock functional?                  | ٧              | Generator provides power to the AC circuit for FA syst.       |

Inspection and Testing of Fire Alarm Systems
Building Name: Mission Minimum – A21 Date: July 2017

| "√"∖     | Yes - Tested correctly "X" No - Did not test correctly (Ex   | plain NO | answers in comments         | ) "NA" Not applicable              |
|----------|--|----------|-----------------------------|------------------------------------|
|          | 2.5 Emergency Power Supply Test and Inspection               |          | Annunciation of the fault   | and operation outside the shorted  |
| ✓        | Trouble condition at the em gen shall result in an audible   |          | section between each pair   | r of:                              |
| ·        | common trouble signal and a visual indication at the         | Na       | (i) Control unit to control | l unit                             |
|          | required annunciator?  | Na       | (ii) Control unit to transp | onder                              |
|          | 2.7 Annunciator or Sequential Displays                       | Na       | (iii)Transponder to transp  |                                    |
| ✓        | Power on indicator operates?                                 |          | 2.2 Voice Communication     |                                    |
| <b>√</b> | Individual alarm, supervisory zone indication operates.      | Na       | Power "ON" operates?        |                                    |
| Na       | (Exception: operation of each individual alarm and           | Na       | Common visual trouble s     | ignal operates?                    |
|          | supervisory zone indication, or lights the identical         | Na       | Common audible trouble      |                                    |
|          | indicators at the other annunciators and sequential display) | Na       | Trouble signal silence sw   |                                    |
|          | Specify method of confirmation                               | Na       |                             | uding visual indicator operates?   |
|          | speerly method of communation                                | Na       |                             | ive voice paging including visual  |
| ✓        | Minimum of 1 alarm zone and one supervisory zone tested      |          | indication operates?        | tve voice paging merading visual   |
|          | per annunciator or sequential display to confirm operation.  | Na       | -                           | ive voice paging trouble operation |
| ✓        | Individual alarm and supervisory zone labels identified.     |          | including visual indication |                                    |
| _        | Common trouble signal operates?                              | Na       |                             | ess to talk switch operates?       |
| Na       | Visual indicator test (lamp test) operates?                  | Na       |                             | g does interfere with initial      |
| <u>√</u> | Input wiring form control unit/transponder supervised        |          | inhibit time of alert and a | _                                  |
| _        | Alarm signal silence visual indicator operates?              | Na       |                             | rates on emergency power?          |
| na       | Switches for ancillary function operate as per design?       | Na       |                             | ifier, system automatically        |
| Na       | Other ancillary functions visual indicators operate?         |          | transfers to backup ampli   |                                    |
| Na       | Manual activation of alarm signal and indication operate?    | Na       | Circuits for emergency te   |                                    |
| <u>√</u> | Displays are visible in installed location?                  |          | including audible and vis   |                                    |
|          | 2.9 Printer Testing  | Na       |                             | elephone for operation, including  |
| Na       | Operation as per design and specification?                   |          | two-way voice communic      |                                    |
| Na       | Zone of each alarm initiating device is correctly printed?   | Na       | •                           | elephones trouble operation        |
| Na       | Rated voltage is present?                                    |          | including visual indication |                                    |
|          | 2.10 Data Communication Link Test (DCL)                      | Na       |                             | bal communication operates?        |
| Na       | Confirm that a trouble signal is receive at the control unit | Na       |                             | erable or in-use tone at handset.  |
|          | or transponder under an open loop fault for each DCL         |          | Emergency telephone op      | cruste of in use tone at manaset.  |
| Na       | Where fault isolation modules are installed in DCL serving   |          |                             |                                    |
| -        | field devices, wiring shall be shorted on the isolated side, |          | 2.11 Ancillary Device C     | ircuit Test                        |
|          | annunciation of the fault confirmed, and then a field        | Na       | Circuit –                   | confirmed                          |
|          | device on the source side shall be operated, and activation  | Na       | Circuit –                   | confirmed                          |
|          | confirmed at the control unit or transponder.                | Na       | Circuit –                   | confirmed                          |
| Na       | Where a fault isolation in DCL is provided between           | Na       | Circuit –                   | confirmed                          |
| -        | control units/transponders and between                       |          |                             |                                    |
| Na       | Transponders, introduce a short circuit fault and confirm    |          |                             |                                    |
|          | Continued  |          |                             |                                    |
| Additio  | onal Comments:   |          |                             |                                    |
|          |  |          |                             |                                    |
|          |  |          |                             |                                    |
|          |  |          |                             |                                    |
|          |  |          |                             |                                    |
|          |  |          |                             |                                    |
|          |  |          |                             |                                    |
|          |  |          |                             |                                    |
|          |  |          |                             |                                    |
|          |  |          |                             |                                    |
|          |  |          |                             |                                    |
|          |  |          |                             |                                    |

|                                   |   |                 |                           | Service:                           |            | Time:     |                 |                   |
|-----------------------------------|---|-----------------|---------------------------|------------------------------------|------------|-----------|-----------------|-------------------|
| <b>ELITE</b>                      |   |                 | July 20                   | July 2017 7:00am Annual Inspection |            |           | Loct Com        | vice Date:        |
|                                   |   |                 |                           | Annual Ins                         | spection   |           | July 2010       |                   |
|                                   | PROTECTIO   | NITO            | Si                        | ngle Stage                         | Two        | Stage     |                 | ect Connection    |
| Unit 1 224                        |   |                 | C 7332                    |                                    |            |           |                 | ] yes □no         |
| Unit 1 – 330                      | 605 Maclure Road, Abbo<br>Office – 1-877-850-                     |                 |                           | acturer:                           |            |           | Model #         |                   |
|                                   | Office = 1-677-650-   | 0014            | Mircon                    | n                                  |            |           | FA101T          |                   |
| Building Name:<br>Mission Minimum | n = A-22  |                 | Contac<br>Scott V         | t Person:                          |            |           | Phone: 604-820- | 5758              |
| Address:                          |   |                 | Owner                     |                                    |            |           | Phone:          | 3730              |
| 33737 Dewdney T                   |   |                 |                           | tions Canada                       |            |           | 604-820-        | 5758              |
| City:<br>Mission                  | r   | ostal Code:     | Fire Si                   | gnal Receiving Cent                | re:        |           | Phone:<br>Acct: |                   |
|                                   |   |                 | <u>.</u>                  |                                    |            |           | •               |                   |
|                                   |   |                 |                           |                                    |            |           |                 |                   |
|                                   | ptable "No" - Unaccept  | able (Explain   |                           | nments)                            |            |           |                 |                   |
| Yes No                            |   |                 | Summary                   |                                    |            |           |                 |                   |
|                                   | The entire fire alarm sys   | tam has baan is | nenacted and tested       | in accordance wit                  | th CAN/II  | I C \$536 |                 |                   |
|                                   | The chart ine ararm sys   | tem nas been n  | iispected and tested      | in accordance with                 | ui CAIV/U  | LC 3330   |                 |                   |
|                                   | The fire alarm system do  | ocumentation is | s on site and include     | es a description of                | the system | n.        |                 |                   |
|                                   | The fire alarm system is  | fully functiona | 1.                        |                                    |            |           |                 |                   |
|                                   | The fire alarm system ha  | es deficiencies | noted                     |                                    |            |           |                 |                   |
|                                   | The fire ararm system na  | is deficiencies | notea.                    |                                    |            |           |                 |                   |
|                                   | A copy of this report is g  | given to the Ow | vner or the owner's       | representative.                    |            |           |                 |                   |
|                                   |   | Tachnicians     | After-test Checkl         | iat.                               |            |           |                 |                   |
|                                   | NA  |                 | me limit cutouts?         | ısı                                |            |           |                 |                   |
|                                   |   |                 | ncillary functions?       |                                    |            |           |                 |                   |
|                                   | NA  |                 | ncillary functions (      | off site connection                | ns)?       |           |                 |                   |
|                                   |   | Reconnect si    |                           |                                    |            |           |                 |                   |
|                                   |   |                 | department the testi      | ng is completed?                   |            |           |                 |                   |
|                                   |   | Ensure that t   | the alarm system is       | functional?                        |            |           |                 |                   |
|                                   |   |                 |                           |                                    |            |           |                 |                   |
| Commen                            | te  |                 |                           |                                    |            |           |                 |                   |
| Commen                            | ເວ  |                 |                           |                                    |            |           |                 |                   |
|                                   |   |                 |                           |                                    |            |           |                 |                   |
|                                   |   | SF              | E DEFICIENCY              | Y REPORT                           |            |           |                 |                   |
|                                   |   |                 | Z DZI TEIZI (E.           | TILLI OILI                         |            |           |                 |                   |
|                                   |   |                 |                           |                                    |            |           |                 |                   |
|                                   |   |                 |                           |                                    |            |           |                 |                   |
|                                   |   |                 |                           |                                    |            |           |                 |                   |
|                                   | rmation on this form is correct<br>airements and at this time was |                 |                           |                                    |            |           |                 | ble codes and the |
| -                                 |   | 1               | 1 · · · · · · · · · · · · | 1                                  | 1          |           |                 |                   |
|                                   | Allen Amy – FP0669<br>new Kowalenko – FP109                       | 3               | July 2017                 | 7:00am                             |            |           |                 |                   |

Time

Date

Technician Stamp

Date: July 2017 Building Name: Mission Minimum – A22

"√" Yes - Tested correctly "X" No - Did not test correctly (Explain NO answers in comments) "NA" Not applicable

| 2.1      | Control Unit or Transponder Tests                             | <u> </u>      | Termination points from wiring to field devices secure        |
|----------|---|---------------|---|
|          | Power on visual indicator operates?                           |               | 2.6 Annunciator & Remote Trouble Test & Inspection            |
| <u> </u> | Common visual trouble signal operates?                        | Na            | Power on indicator operates?                                  |
|          | Common audible trouble signal operates?                       | Na            | Individual alarm and supervisory input zone clearly           |
|          | Trouble signal silence switch operates?                       | Na            | indicated and separately designated?                          |
|          | Main Power supply failure trouble signal operates?            | Na            | Individual alarm and supervisory zone labels identified?      |
|          | Ground fault tested on positive and negative trouble signal   | Na            | Common trouble signal operates?                               |
| Na       | Alert signal operation operates?                              | Na            | Visual indicator test - Lamp test operates?                   |
|          | Alarm signal operation operates?                              | Na            | Input wiring from control unit/transponder is supervised?     |
| Na       | Automatic transfer from alert to alarm signal operates?       | Na            | Alarm signal silence visual indicator operates?               |
| Na       | Manual transfer from alert signal to alarm signal operates?   | Na            | Switches for ancillary function operate as per design?        |
| Na       | Auto transfer from alert to alarm signal cancel operates      | Na            | Other ancillary function visual indicators operate?           |
| Na       | Alarm signal silence inhibit function operates?               | Na            | Manual activation of alarm signal and indication operates?    |
|          | Alarm signal manual silence operates?                         | Na            | Displays are visible in installed location operates?          |
|          | Alarm signal silence visual indication operates?              | Na            | Operates on emergency power?                                  |
| Na       | Alarm signal when silenced automatically reinitiates on       |               | 2.4 Power Supply Inspection                                   |
|          | subsequent alarm?   | ✓             | Fused with mfgs marked rating of the system?                  |
| Na       | Alarm signal silence automatic cut-out timer?                 | $\overline{}$ | Adequate to meet the requirements of the system?              |
|          | Audible visual and alert and alarm signals programmed         |               | 2.8 Remote Trouble Signal Unit Test and Inspection            |
|          | and operate as per design & specification. (app C)            | Na            | Input wiring form control/transponder is supervised?          |
| ✓        | Input circuit alarm and supervisory operation including       | Na            | Visual trouble signal operates?                               |
|          | audible and visual indication operates?                       | Na            | Audible trouble signal operates?                              |
| ✓        | Input circuit supervision fault causes a trouble indication?  | Na            | Audible trouble signal silence operates?                      |
|          | Output circuit alarm indicators operate?                      | -             | 2.5 Emergency Power Supply Test and Inspection                |
|          | Output circuit supervision fault causes a trouble indication? | ✓             | Correct battery type as recommend by manufacturer?            |
| Na       | Visual indicator test (lamp test)?                            | <u>√</u>      | Correct rating as determined by battery calculations          |
| Na       | Coded signal sequence operates not less than the required     | -             | based on full system load?                                    |
|          | number of times and the correct alarm signal thereafter.      | ✓             | Battery voltage main power on?26.2 Vdc?                       |
| Na       | Coded signal sequences are not interrupted by                 | <b>√</b>      | Battery voltage and current with main power supply "off"      |
|          | subsequent alarms?  |               | and fire alarm in supervisory condition?                      |
| Na       | Ancillary circuit by-pass will result in a trouble signal?    |               | Voltage26.1DC Current0.12A                                    |
| <u> </u> | Input circuit to output circuit operation including           | ✓             | Battery voltage and current with main power supply "off"      |
|          | ancillary device circuits, for correct program operation      |               | and fire alarm in full load alarm condition?                  |
|          | as per design & spec. (App "C")                               |               | voltage25.7Vdc Current0.35A                                   |
| <u> </u> | Fire alarm Reset operates?                                    | ✓             | Charging current is0.24A                                      |
| <u> </u> | Main power to emergency power supply transfer operates?       | ✓             | Inspected for physical damage?                                |
| Na       | Status change confirmation (smoke detectors) verified         | ✓             | Terminal cleaned and lubricated?                              |
| Na       | Receipt of alarm transmission to signal receiving center?     | ✓             | Terminals clamped tightly?                                    |
| Na       | Receipt of supervisory trans to signal receiving center?      | Na            | Correct Electrolyte level?                                    |
| Na       | Receipt of trouble transmission to signal receiving center?   | Na            | Specific gravity within mfg specifications?                   |
| Na       | Operation of the fire signal receiving center disconnect      | Na            | Electrolyte leaks?  |
|          | results in a specific trouble indication at control unit?     | <b>√</b>      | Adequately ventilated?  |
|          | 2.3 Control Unit or Transponder Inspection                    | <u> </u>      | Battery mfg's date code or in-service date:2017               |
| <u>✓</u> | Input circuit designations, correctly identified in relation  | _ ✓           | Disconnection causes trouble signal?                          |
|          | to connected field devices                                    | Na            | Indicate type of Battery Test Performed?                      |
|          | Output circuit designations correctly identified in relation  | Na            | (1) supervisory load for 24h followed by full load operation. |
|          | to connected field devices.                                   | Na            | (2) silent test by using load resister method -App F1         |
|          | Correct designations-common control functions / indicators    | Na            | (3) Silent accelerated test – App F2                          |
| <u> </u> | Plugin components and modules securely in place?              | Na            | (4) A battery capacity meter test App F3                      |
|          | Plugin cables securely in place                               | Na            | (5) In lieu of battery tests, replace with new set            |
| Na       | Record date, revision and version of Firmware & software      | _             | having current date code, as per mfg                          |
| Na       | Date: Rev: Ver:   | <b>✓</b>      | Record calculated battery capacity App F44.5A h               |
| <u> </u> | Clean and free of dust and dirt?                              | <b>✓</b>      | Record battery terminal voltage after testsV dc               |
| <u> </u> | Fuses in accordance with MFGs specification?                  | <b>✓</b>      | Battery voltage not less than 85% of its rating after tests.  |
| ✓        | Control Unit or transponder lock functional?                  | ✓             | Generator provides power to the AC circuit for FA syst.       |

Inspection and Testing of Fire Alarm Systems
Building Name: Mission Minimum – A22 Date: July 2017

|          | Yes - Tested correctly "X" No - Did not test correctly (Ex<br>2.5 Emergency Power Supply Test and Inspection |          | Annunciation of the fault and operation outside t  |           |
|----------|--|----------|--|-----------|
| ✓        | Trouble condition at the em gen shall result in an audible   |          | section between each pair of:                      |           |
|          | common trouble signal and a visual indication at the   | Na       | (i) Control unit to control unit                   |           |
|          | required annunciator?  | Na       | (ii) Control unit to transponder                   |           |
|          | 2.7 Annunciator or Sequential Displays   | Na       | (iii)Transponder to transponder                    |           |
| ✓        | Power on indicator operates?   |          | 2.2 Voice Communication Inspection/Tests           |           |
| <b>√</b> | Individual alarm, supervisory zone indication operates.  | Na       | Power "ON" operates?                               |           |
| Na       | (Exception: operation of each individual alarm and   | Na       | Common visual trouble signal operates?             |           |
|          | supervisory zone indication, or lights the identical   | Na       | Common audible trouble signal operates?            |           |
|          | indicators at the other annunciators and sequential display)   | Na       | Trouble signal silence switch operates?            |           |
|          | Specify method of confirmation   | Na       | All call voice paging including visual indicator o | perates?  |
|          |  | Na       | Output circuits for selective voice paging includi |           |
| ✓        | Minimum of 1 alarm zone and one supervisory zone tested  |          | indication operates?                               |           |
| -        | per annunciator or sequential display to confirm operation.  | Na       | Output circuits for selective voice paging trouble | operation |
| ✓        | Individual alarm and supervisory zone labels identified.   |          | including visual indication operates?              | •         |
| <b>√</b> | Common trouble signal operates?  | Na       | Microphone including press to talk switch operat   | tes?      |
| Na       | Visual indicator test (lamp test) operates?  | Na       | Operation of voice paging does interfere with ini  |           |
| <b>√</b> | Input wiring form control unit/transponder supervised  |          | inhibit time of alert and alarm signal?            |           |
| <b>√</b> | Alarm signal silence visual indicator operates?  | Na       | All call voice paging operates on emergency pow    | ver?      |
| na       | Switches for ancillary function operate as per design?   | Na       | Upon failure of one amplifier, system automatica   | ılly      |
| Na       | Other ancillary functions visual indicators operate?   | <u> </u> | transfers to backup amplifier.                     |           |
| Na       | Manual activation of alarm signal and indication operate?  | Na       | Circuits for emergency telephone call in operatio  | n         |
| ✓        | Displays are visible in installed location?  |          | including audible and visual indication operates   |           |
|          | 2.9 Printer Testing  | Na       | Circuits for emergency telephone for operation, i  | ncluding  |
| Na       | Operation as per design and specification?   |          | two-way voice communication operates?              |           |
| Na       | Zone of each alarm initiating device is correctly printed?   | Na       | Circuits for emergency telephones trouble operat   | ion       |
| Na       | Rated voltage is present?  |          | including visual indication operates?              |           |
|          | 2.10 Data Communication Link Test (DCL)  | Na       | _ Emergency telephone verbal communication ope     |           |
| Na       | Confirm that a trouble signal is receive at the control unit   | Na       | Emergency telephone operable or in-use tone at h   | handset.  |
|          | or transponder under an open loop fault for each DCL   |          |  |           |
| Na       | Where fault isolation modules are installed in DCL serving   |          |  |           |
|          | field devices, wiring shall be shorted on the isolated side,   |          | 2.11 Ancillary Device Circuit Test                 |           |
|          | annunciation of the fault confirmed, and then a field  | Na<br>Na | _ Circuit – confirmed                              |           |
|          | device on the source side shall be operated, and activation  | Na<br>Na | _ Circuit – confirmed                              |           |
| NI.      | confirmed at the control unit or transponder.  | Na<br>Na | _ Circuit – confirmed                              |           |
| Na       | Where a fault isolation in DCL is provided between   | Na       | _ Circuit – confirmed                              |           |
| No       | control units/transponders and between   |          |  |           |
| Na       | Transponders, introduce a short circuit fault and confirm Continued  |          |  |           |
|          | Continued  |          |  |           |
| dditio   | onal Comments:   |          |  |           |
|          |  |          |  |           |
|          |  |          |  |           |
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|          |  |          |  |           |

|                     |               |   | Date of Service:                               | Time:<br>7:00am                 |                                 |
|---------------------|---------------|---|--|---------------------------------|---------------------------------|
| ELITE               |               | July 2017  Annual Ins   |  | Last Service Date:<br>July 2016 |                                 |
|                     |               | FURE  | Single Stage                                   | Two Stage                       | Direct Connection               |
| Uni                 | t 1 – 33      | PROTECTION LTD<br>3605 Maclure Road, Abbotsford, BC, V2S-7W2      |  |                                 | □ yes □no                       |
|                     |               | Office – 1-877-850-0014   | Manufacturer:<br>Edwards                       |                                 | Model #<br>EST-1                |
| Building<br>Mission |               | m – A-23  | Contact Person:<br>Scott Verwold               |                                 | Phone:<br>604-820-5758          |
| Address             | :             |   | Owner:   |                                 | Phone:                          |
| 33737 D<br>City:    | ewdney        | Trunk Road Postal Code:   | Corrections Canada Fire Signal Receiving Centr | re:                             | 604-820-5758<br>Phone:          |
| Mission             |               | 1 ostar couc.   | The Signal Receiving Cents                     |                                 | Acct:                           |
| "Yes                | s"- Acc<br>No | eptable "No" - Unacceptable (Explain No answer                    | rs in comments)                                |                                 |                                 |
| 2 65                | 110           |   |  |                                 |                                 |
|                     |               | The entire fire alarm system has been inspected ar                | nd tested in accordance wit                    | h CAN/ULC S536                  |                                 |
|                     | $\boxtimes$   | The fire alarm system documentation is on site and                | d includes a description of                    | the system.                     |                                 |
| $\boxtimes$         |               | The fire alarm system is fully functional.                        |  |                                 |                                 |
| $\boxtimes$         |               | The fire alarm system has deficiencies noted.                     |  |                                 |                                 |
| $\boxtimes$         |               | A copy of this report is given to the Owner or the                | owner's representative.                        |                                 |                                 |
|                     |               | Technicians After-tes   | t Chacklist                                    |                                 |                                 |
|                     |               | NA Reconnect time limit cu  |  |                                 |                                 |
|                     |               | Reconnect ancillary fur   |  |                                 |                                 |
|                     |               |   | nctions (off site connection                   | s)?                             |                                 |
|                     |               | Reconnect signal powe   | r?   |                                 |                                 |
|                     |               |   | the testing is completed?                      |                                 |                                 |
|                     |               | Ensure that the alarm s   | ystem is functional?                           |                                 |                                 |
|                     |               |   |  |                                 |                                 |
| Col                 | mmei          | nts   |  |                                 |                                 |
|                     |               |   |  |                                 |                                 |
|                     |               |   | 77717717777                                    |                                 |                                 |
|                     |               | SEE DEFIC   | CIENCY REPORT                                  |                                 |                                 |
|                     |               |   |  |                                 |                                 |
|                     |               |   |  |                                 |                                 |
|                     |               |   |  |                                 |                                 |
| I state th          | at the inf    | ormation on this form is correct at the time and place of my insp | pection, and that all equipment wa             | as tested in conformanc         | e with applicable codes and the |
|                     |               | quirements and at this time was left in operational condition upo |  |                                 |                                 |
|                     |               | Allen Amy – FP0669  |  |                                 |                                 |

July 2017

Date

7:00am

Time

Matthew Kowalenko – FP1093

Technician Stamp

Date: July 2017 Building Name: Mission Minimum – A23

" $\sqrt{}$ " Yes - Tested correctly "X" No - Did not test correctly (Explain NO answers in comments) "NA" Not applicable

| Y Common visual trubule signal operates? Y Common audifile trouble signal operates? Y Common audifile trouble signal operates? Y Main Power supply failure trouble signal operates? Y Gorouf fault tested no positive and negative trouble signal operates? Y Gorouf fault tested no positive and negative trouble signal operates? Na Alart signal operation operates? Na Automastic transfer from alert to alarm signal operates? Na Automastic transfer from alert signal operates? Na Automastic transfer from alert is alarm signal operates? Na Alarm signal slence without function operates? Alarm signal slence automatic cut-out timer? Alarm signal slence wisal indication operates? Na Displays are visible in installed location operates? Alarm signal slence wisal indication operates? Na Displays are visible in installed location operates? Alarm signal slence the requirements of the system? Alarm signal slence wisal indication operates? Na Displays are visible in installed location operates? Na Displays are visible in installed location operates? Alarm signal slence visible indication operates? Na Displays are visible in installed location operates? Na Displays are visible in installed location operates? Na Displays are   |   | 2.1      | Control Unit or Transponder Tests                           | <u>√</u>    | Termination points from wiring to field devices secure     |
|--|---|----------|---|-------------|--|
| Various signal silence switch operates?   Various signal silence visual indicator operates?   Various signal silence inhibit function operates?   Various signal silence inhibit function operates?   Various signal silence operates?   Various silence operates?   Various silence operates?   Various silence operates?   Various silence automatic cut-out timer?   Va    | _ | <b>√</b> | Power on visual indicator operates?                         |             | 2.6 Annunciator & Remote Trouble Test & Inspection         |
| Variable signal silence switch operates?   | _ | <b>√</b> | Common visual trouble signal operates?                      | Na          | Power on indicator operates?                               |
| Main Power supply failure trouble signal operates?   |   | ✓        | Common audible trouble signal operates?                     | Na          | Individual alarm and supervisory input zone clearly        |
| Macrost giand operation operates?  |   | ✓        | Trouble signal silence switch operates?                     | Na          |  |
| Na Alert signal operation operates?  Alarm signal and majer from alert to alarm signal operates?  Na Manual transfer from alert signal to alarm signal operates?  Na Alarm signal sine alert to alarm signal operates?  Na Alarm signal sine alert o alarm signal operates?  Na Alarm signal sine ali sine operates?  Alarm signal silence visual indication operates?  Na Displays are visible in installed location operates?  Na Lipute visual indicator operates?  Na Displays are visible in installed location operates?  Na Displays are visible installed location operates?  Na Lipute visible visual indication operates?  Na Lipute visible visual indi |   | ✓        | Main Power supply failure trouble signal operates?          | Na          | Individual alarm and supervisory zone labels identified?   |
| Valum signal operation operates?   Na  |   | ✓        | Ground fault tested on positive and negative trouble signal | Na          | Common trouble signal operates?                            |
| Na Automatic transfer from alert to alarm signal operates? Na Auto transfer from alert signal to alarm signal operates? Na Auto transfer from alert signal to alarm signal operates? Na Auto transfer from alert signal to alarm signal operates? Na Alarm signal silence inhibit function operates? Alarm signal silence inhibit function operates? Alarm signal silence visual indicator operates? Alatm signal silence visual indicator operates? Alatm signal silence visu |   | Na       | Alert signal operation operates?                            | Na          | Visual indicator test - Lamp test operates?                |
| Na Manual transfer from alert signal to alarm signal operates?  Na Auto transfer from alert signal cancel operates?  Na Alarm signal silence inhibit function operates?  Alarm signal silence operates?  Alarm signal silence visual indication operates?  Na Alarm signal silence operates?  Na Alarm signal silence visual indication operates?  Na Alarm signal silence automatically reinitiates on subsequent alarm?  Na Alarm signal silence automatic cut-out timer?  A alarm signal silence automatic cut-out timer?  A alarm signal silence automatic cut-out timer?  Alarm signal silence automatic cut-out timer?  A alarm signal silence automatically reinitiates on subsequent alarms?  A code signal silence operates?  Na Departation industion substance and the correct alarm signal toreation?  A coded signal sequence operates not less than the required number of times and the correct alarm signal thereafter.  Na Coded signal sequence operates not less than the required number of times and the correct param operation as per design & spec. (App "C")  Na Coded signal sequence operates not less than the required number of times and the correct param operation as per design & spec. (App "C")  Na Coded signal sequence operates not less than the required number of times and the correct param operation as per design & spec. (App "C")  Na Coded signal sequence operates not interrupted by subsequent alarms?  A alarm in supervisory condition?  A salarm signal silence operates?  A salarm signal silence operates?  Na Audible trouble signal silence operates?  A salarm signal |   | ✓        | Alarm signal operation operates?                            | Na          | Input wiring from control unit/transponder is supervised?  |
| Na Auto transfer from alert to alarm signal cancel operates Na Alarm signal silence inhibit function operates?  Alarm signal silence inhibit function operates?  Alarm signal silence visual indication operates?  Na Alarm signal silence automatically reinitiates on subsequent alarm?  Na Alarm signal silence automatically reinitiates on subsequent alarm signal silence automatically reinitiates on subsequent alarm and aperate as per design & specification (app C) Input circuit alarm and supervisory operation including audible and visual indication operates?  Input circuit alarm indicators operate?  Output circuit alarm indicators operate?  Volupt circuit alarm indicators operates?  Na Coded signal sequence operates on these than the required number of times and the correct alarm signal thereafter.  Na Coded signal sequence operates on content alarm signal toreafter.  Na Coded signal sequence operates?  Na Ancillary circuit by-pass will result in a trouble signal?  Input circuit output circuit operation including ancillary device circuits, for correct program operation as per design & spec. (App "C")  Fire alarm seed operates?  Na Autothe trouble designal operates?  Na Autothe trouble signal operates?  Na Audible trouble signal operates?  Na Experimental trouble transporter is a part operates?  Na Experimental trouble transporter is a part operates?  Na Experimental trouble transporter is a part operates?  Na |   | Na       | Automatic transfer from alert to alarm signal operates?     | Na          | Alarm signal silence visual indicator operates?            |
| Na   Alarm signal silence inhibit function operates?   |   | Na       | Manual transfer from alert signal to alarm signal operates? | Na          | Switches for ancillary function operate as per design?     |
| Alarm signal manual silence operates?  Alarm signal silence visual indication operates?  Na Alarm signal silence visual indication operates?  Alarm signal silence visual indication operates?  Audible visual and alert and alarm signals programmed and operate as per design & spec-cification. (app C) Input circuit alarm and supervisory operation including audible and visual indication operates?  Input circuit alarm and supervisory operation including audible and visual indication operates?  Unique circuit alarm indicators operate?  Output circuit alarm indicators operate?  Output circuit alarm indicators operate?  Output circuit alarm indicators operate?  Visual indicator test (lamp test)?  Output circuit alarm indicators operate?  Visual indicator test (lamp test)?  Output circuit alarm indicators operate?  Visual indicator test (lamp test)?  Output circuit alarm indicators operate?  Visual indicator test (lamp test)?  Visual indicator test (lamp test)?  Visual trouble signal operates?  Na Audible trouble signal sequence operates?  Na Oberates on emergency power supply in treed with five department of the system?  A deduptate to meet the rouble signal operates?  Na Oberates on emergency power supply transfer operates?  Na Output circuit alarm and supervisory operation including ancillary device circuits, for correct program operation as per design & spec. (App "C")  Input circuit to output circuit operation including ancillary device circuits, for correct program operation as per design & spec. (App "C")  A Battery voltage and current with main power supply "off" and fire alarm in supervisory condition?  Voltage _25.3DC Current _0.2A  Battery voltage and current with main power supply "off" and fire alarm in supervisory condition?  Voltage _25.1Vdc (verrent _0.2A  Hand if we alarm in supervisory condition?  Voltage _25.1Vdc (verrent _0.35A  Visual trouble signal operates?  A battery voltage and current with main power supply "off" and fire alarm in power one25.4Vdc?  Battery voltage and cu                         |   | Na       | Auto transfer from alert to alarm signal cancel operates    | Na          | Other ancillary function visual indicators operate?        |
| Alarm signal silence visual indication operates?  Na Alarm signal when silenced automatically reinitiates on subsequent alarm?  Na Alarm signal silence automatic cut-out timer?  Adequate to meet the requirements of the system?  Adoquate to meet the requirements of the system?  Adother touble signal full feat and Inspection  Input circuit dos mean feat an |   | Na       | Alarm signal silence inhibit function operates?             | Na          | Manual activation of alarm signal and indication operates? |
| Na Alarm signal when silenced automatically reinitiates on subsequent alarm?  Na Alarm signal silence automatic cut-out timer?  Audible visual and alert and alarm signals programmed and operate as per design & specification. (app C) input circuit alarm and supervisory operation including audible and visual indication operates?  Input circuit alarm and supervisory operation including audible and visual indication operates?  Output circuit alarm indicators operate?  Output circuit alarm indicators operate?  Visual indicator test (famp test)?  Na Coded signal sequence operates not less than the required number of times and the correct alarm signal thereafter.  Na Coded signal sequences are not interrupted by subsequent alarms?  An Ancillary circuit by-pass will result in a trouble signal?  Input circuit to output circuit operation including an acillary device circuits, for correct program operation as per design & spec. (App "C")  Fire alarm Reset operates?  Ma Man power to emergency power supply transfer operates?  Na Man power to emergency power supply transfer operates?  Na Receipt of supervisory trans to signal receiving center?  Na Receipt of frouble transmission to signal receiving center?  Na Receipt of trouble indication at control unit?  2.3 Control Unit or Transponder I supervisor.  Audible trouble signal operates?  Audible trouble signal operates?  Audible trouble signal operates?  Audible trouble signal operates?  2.5 Emergency Power Supply Test and Inspection  Correct battery type as recommend by manufacturer?  A Battery voltage and current with main power supply "off" and fire alarm in supervisory condition?  Voltage _25.1  |   |          |   | Na          | Displays are visible in installed location operates?       |
| subsequent alarm?  A Admr signal silence automatic cut-out timer?  A Admr signal silence automatic cut-out timer?  A Addible visual and alert and alarm signals programmed and operate as per design & specification. (app C)  Input circuit alarm and supervisory operation including audible and visual indication operates?  Input circuit supervision fault causes a trouble indication?  Output circuit supervision fault causes a trouble indication?  Visual indicator test (lamp test)?  Na Coded signal sequence operates not less than the required number of times and the correct alarm signal thereafter.  Na Aucillary circuit by-pass will result in a trouble signal?  Input circuit to output circuit operation including ancillary device circuits, for correct program operation as per design & spec. (App "C")  Fire alarm Reset operates?  Na Accept of supervisory trans to signal receiving center?  Na Receipt of supervisory trans to signal receiving center?  Na Receipt of supervisory trans to signal receiving center?  Na Receipt of supervisory trans to signal receiving center?  Na Peacific trouble indication at control unit?  2.3 Control Unit Test and Inspection Input wiring form control/transponder is supervised?  Visual trouble signal operates?  Na Audible trouble signal eperates?  Na Audible trouble signal silence operates?  Na Audible trouble signal operates?  Na Audible trouble signal operates?  Na Audible trouble signal silence operates?  Na Audible trouble signal operates?  Na Audibl |   | <b>✓</b> | Alarm signal silence visual indication operates?            | Na          | Operates on emergency power?                               |
| Adequate to meet the requirements of the system?  Adothle visual and alert and alarm signals programmed and operate as per design & specification. (app C) Input circuit alarm and supervisory operation including audible and visual indication operates?  Input circuit supervision fault causes a trouble indication? Output circuit supervision fault causes a trouble indication?  Na Output circuit supervision fault causes a trouble indication? Na Output circuit supervision fault causes a trouble indication? Na Output circuit supervision fault causes a trouble indication? Na Output circuit supervision fault causes a trouble indication? Na Output circuit supervision fault causes a trouble indication? Na Output circuit supervision and the correct alarm signal thereafter. Coded signal sequence operates not less than the required number of times and the correct alarm signal thereafter. Coded signal sequences are not interrupted by subsequent alarms?  Na Ancillary circuit by-pass will result in a trouble signal? Input circuit to output circuit operation including ancillary device circuits, for correct program operation as per design & spec. (App "C") Fire alarm Reset operates?  Na An inspected for physical damage?  Na Coded signal sequences are not interrupted by subsequent alarms?  Na Ancillary circuit by-pass will result in a trouble signal? Input circuit to output circuit operation of the fire signal receiving center?  Na Receipt of supervisory trans to signal receiving center?  Na Coded signal sequences are not interrupted by subsequent alarms?  Na Ancillary circuit by-pass will result in a trouble signal?  Voltage _25.3 _DC Current _0.21 _A Battery voltage and current with main power supply "off" and fire alarm in full load alarm condition?  Voltage _25.1 _Vdc Current _0.35 _A Carging current in full load alarm condition?  Voltage _25.1 _Vdc Qurrent _0.35 _A Carging current in full load alarm condition?  Voltage _25.1 _Vdc Qurrent _0.35 _A Carging  |   | Na       | Alarm signal when silenced automatically reinitiates on     |             |  |
| Audible visual and alert and alarm signals programmed and operate as per design & specification. (app C)  Input circuit alarm and supervisory operation including audible and visual indication operates?  Input circuit supervision fault causes a trouble indication?  Output circuit supervision fault causes a trouble indication?  Visual indicator test (lamp test)?  Na Coded signal sequence operates not less than the required number of times and the correct alarm signal thereafter.  Na Coded signal sequence operates not less than the required number of times and the correct alarm signal thereafter.  Na Coded signal sequence operates not less than the required number of times and the correct alarm signal thereafter.  Na Coded signal sequence operates not less than the required number of times and the correct alarm signal thereafter.  Na Coded signal sequences are not interrupted by subsequent alarms?  Na Ancillary circuit by-pass will result in a trouble signal?  Input circuit to output circuit operation including ancillary device circuits, for correct program operation as per design & spec. (App "C")  Fire alarm Reset operates?  Voltage _25.3DC Current0.21 A  Battery voltage and current with main power supply "off" and fire alarm in full load alarm condition?  Voltage _25.1Vdc Current0.21 A  Satus change confirmation (smoke detectors) verified  Na Receipt of alarm transmission to signal receiving center?  Na Receipt of of supervisory trans to signal receiving center?  Na Receipt of of supervisory trans to signal receiving center?  Na Operation of the fire signal receiving center?  Voltage _25.1Vdc Current0.21A  Charging current is0.10A  Terminal clamped tightly?  Correct Electrolyte levely?  Na Operation of the fire signal receiving center?  Na Operation of the fire signal receiving center?  Voltage _25.1Vdc State Chap C'   |   |          | subsequent alarm?   | <u> </u>    | Fused with mfgs marked rating of the system?               |
| and operate as per design & specification. (app C)  Input circuit alarm and supervisory operation including audible and visual indication operates?  Input circuit supervision fault causes a trouble indication?  Output circuit supervision fault causes a trouble indication?  Output circuit supervision fault causes a trouble indication?  Output circuit supervision fault causes a trouble indication?  Na Visual indicator test (lamp test)?  Na Coded signal sequence operates not less than the required number of times and the correct alarm signal thereafter.  Na Coded signal sequences are not interrupted by subsequent alarms?  Na Ancillary circuit by-pass will result in a trouble signal?  Input circuit to output circuit operation including ancillary device circuits, for correct program operation as per design & spec. (App "C")  Fire alarm Reset operates?  Na Receipt of supervisory trans to signal receiving center?  Na Receipt of supervisory trans to signal receiving center?  Na Receipt of supervisory trans to signal receiving center?  Na Receipt of furbube transmission to signal receiving center?  Na Correct Electrolyte level?  Na Correct Electrolyte level?  Na Correct designations, correctly identified in relation to connected field devices  Y Cuptu circuit designations correctly identified in relation to connected field devices.  Na Correct designations-common control functions / indicators  Y Plugin components and modules securely in place?  Y Plugin cables securely in place  Na Correct designations-common control functions / indicators  Na Correct designations-common control functions / indicators  Y Plugin components and modules securely in place?  Y Plugin cables securely in place  Na Correct designations-common control functions / indicators  Y Plugin components and modules securely in place?  Y Plugin cables securely in place?  Y Plugin cables securely in place  Na Correct designations-common control functions / indicators  Y Plugin components and modules securely in place?  Y Plugin cables securely in place  Y |   |          | Alarm signal silence automatic cut-out timer?               | <u>√</u>    | Adequate to meet the requirements of the system?           |
| Input circuit alarm and supervisory operation including audible and visual indication operates?   Na Audible trouble signal operates?  |   | <b>√</b> |   |             |  |
| audible and visual indication operates?  Input circuit supervision fault causes a trouble indication?  Output circuit alarm indicators operate?  Output circuit supervision fault causes a trouble indication?  Na Visual indicator test (lamp test)?  Na Coded signal sequence operates not less than the required number of times and the correct alarm signal thereafter.  Na Coded signal sequences are not interrupted by subsequent alarms?  Na Ancillary circuit by-pass will result in a trouble signal?  Input circuit to output circuit operation including ancillary device circuits, for correct program operation as per design & spec. (App "C")  Yerical arm Reset operates?  Ya Receipt of supervisory trans to signal receiving center?  Na Receipt of supervisory trans to signal receiving center?  Na Receipt of furble transmission to signal receiving center?  Na Receipt of fire signal receiving center?  Na Receipt of trouble transmission to signal receiving center?  Na Operation of the fire signal receiving center?  Va Date:   |   |          |   | Na          |  |
| Input circuit alarm indicators operate?  |   | <b>✓</b> |   | Na          |  |
| Voluptu circuit alarm indicators operate? Voluptut circuit alarm indicators operate? Voluptut circuit supervision fault causes a trouble indication? Na Visual indicator test (lamp test)? Volupture operates not less than the required number of times and the correct alarm signal thereafter. Na Coded signal sequence operates not less than the required number of times and the correct alarm signal thereafter. Na Coded signal sequences are not interrupted by subsequent alarms? Na Ancillary circuit by-pass will result in a trouble signal? Input circuit to output circuit operation including ancillary device circuits, for correct program operation as per design & spec. (App "C") and fire alarm in supervisory condition? Voltage 25.3 DC Current with main power supply "off" and fire alarm in full load alarm condition? Voltage 25.3 DC Current with main power supply "off" and fire alarm in full load alarm condition? Voltage 25.1 Vdc Current _0.21A  Battery voltage and current with main power supply "off" and fire alarm in full load alarm condition? Voltage 25.1 Vdc Current _0.21A  Battery voltage and current with main power supply "off" and fire alarm in full load alarm condition? Voltage 25.1 Vdc Current _0.21A  Battery voltage and current with main power supply "off" and fire alarm in full load alarm condition? Voltage 25.1 Vdc Current _0.21A  Battery voltage and current with main power supply "off" and fire alarm in full load alarm condition? Voltage 25.1 Vdc Current _0.21A  Charging current is _0.10A  Ferminal cleaned and lubricated?  Ferminal cleaned in lubricated?  Na Electrolyte leaks?  Adequately ventila                   |   |          | *   | Na          |  |
| Volupt circuit supervision fault causes a trouble indication?  Na Visual indicator test (lamp test)?  Na Coded signal sequence operates not less than the required number of times and the correct alarm signal thereafter.  Na Coded signal sequences are not interrupted by subsequent alarms?  Na Ancillary circuit by-pass will result in a trouble signal?  ✓ Input circuit to output circuit operation including ancillary device circuits, for correct program operation as per design & spec. (App "C")  ✓ Main power to emergency power supply transfer operates?  Na Receipt of supervisory trans to signal receiving center?  Na Receipt of rouble transmission to signal receiving center?  Na Receipt of rouble transmission to signal receiving center?  Na Operation of the fire signal receiving center?  Na Operation of the fire signal receiving center?  ✓ Output circuit designations, correctly identified in relation to connected field devices.  ✓ Output circuit designations correctly identified in relation to connected field devices.  ✓ Plugin components and modules securely in place?  ✓ Plugin components and mod  |   | <b>√</b> | -   | Na          |  |
| Na Visual indicator test (lamp test)?  Na Coded signal sequence operates not less than the required number of times and the correct alarm signal thereafter.  Na Coded signal sequence operates not less than the required number of times and the correct alarm signal thereafter.  Na Coded signal sequence operates not less than the required number of times and the correct alarm signal thereafter.  Na Coded signal sequence operates not less than the required subsequent alarms?  Na Ancillary circuit by-pass will result in a trouble signal?  Input circuit to output circuit operation including ancillary device circuits, for correct program operation as per design & spec. (App "C")  Fire alarm Reset operates?  Na Status change confirmation (smoke detectors) verified  Na Receipt of supervisory trans to signal receiving center?  Na Receipt of supervisory trans to signal receiving center?  Na Operation of the fire signal receiving center?  Na Operation of the fire signal receiving center desconnect results in a specific trouble indication at control unit?  Josconnected field devices  Output circuit designations, correctly identified in relation to connected field devices  Output circuit designations cornectly identified in relation to connected field devices  Plugin cables securely in place?  Na Record date, revision and version of Firmware & software  Na Record date, revision and version of Firmware & software  Na Record and fire of dust and dirt?  Puses in accordance with MFGs specification?  V Correct designations-common of Firmware & software  Na Date: Revision and version of Firmware & software  Na Date: Revision and version of Firmware & software  Na Date: Revision and version of Firmware & software  Na Date: Revision and version of Firmware & software  Na Date: Revision and version of Firmware & software  Na Date: Revision and version of Firmware & software  Na Date: Revision and version of Firmware & software  Na Date: Revision and version of Firmware & software  Na Date: Revision and version of Firmware & software  |   | <u>√</u> |   |             |  |
| Na Coded signal sequence operates not less than the required number of times and the correct alarm signal thereafter.  Na Coded signal sequences are not interrupted by subsequent alarms?  Na Ancillary circuit by-pass will result in a trouble signal?  Input circuit to output circuit operation including ancillary device circuits, for correct program operation as per design & spec. (App "C")  Fire alarm Reset operates?  Na Status change confirmation (smoke detectors) verified  Na Receipt of alarm transmission to signal receiving center?  Na Receipt of supervisory trans to signal receiving center?  Na Receipt of trouble transmission to signal receiving center?  Na Receipt of trouble indication at control unit?  |   | <b>✓</b> |   | <u>√</u>    |  |
| number of times and the correct alarm signal thereafter.  Na Coded signal sequences are not interrupted by subsequent alarms?  Na Ancillary circuit by-pass will result in a trouble signal?  Input circuit to output circuit operation including ancillary device circuits, for correct program operation as per design & spec. (App "C")  Na Fire alarm Reset operates?  Na Receipt of supervisory trans to signal receiving center?  Na Receipt of supervisory trans to signal receiving center?  Na Receipt of trouble transmission to signal receiving center?  Na Receipt of trouble transmission to signal receiving center?  Na Receipt of unit or Transponder Inspection  Input circuit designations, correctly identified in relation to connected field devices  Output circuit designations correctly identified in relation to connected field devices  Plugin components and modules securely in place?  Na Record date, revision and version of Firmware & software  Na Record date, revision and version of Firmware & software  Na Date:  Rev:  Ver:  V |   |          |   | <b>✓</b>    |  |
| Na Coded signal sequences are not interrupted by subsequent alarms?  Na Ancillary circuit by-pass will result in a trouble signal?  Input circuit to output circuit operation including ancillary device circuits, for correct program operation as per design & spec. (App "C")  Fire alarm Reset operates?  Main power to emergency power supply transfer operates?  Na Receipt of alarm transmission to signal receiving center?  Na Receipt of supervisory trans to signal receiving center?  Na Receipt of trouble transmission to signal receiving center?  Na Receipt of trouble transmission to signal receiving center?  Na Operation of the fire signal receiving center?  Na Input circuit designations, correctly identified in relation to connected field devices.  Y Correct designations correctly identified in relation to connected field devices.  Y Correct designations cormon control functions / indicators  Plugin components and modules securely in place?  Na Record date, revision and version of Firmware & software  Na Date:  Rev: Ver:  Ver:  Ver:  Ver:  Ver:  Ver:  Ver:  Ver:  Verecrod battery voltage and current with main power supply "off" and fire alarm in supervisory condition?  And fire alarm in supervisory condition?  A Battery voltage and current with main power supply "off" and fire alarm in full load alarm condition?  Voltage _25.3DC Current0.25A  Valuage _25.1  |   | Na       |   |             |  |
| subsequent alarms?  Na Ancillary circuit by-pass will result in a trouble signal?  Input circuit to output circuit operation including ancillary device circuits, for correct program operation as per design & spec. (App "C")  Fire alarm Reset operates?  Va Main power to emergency power supply transfer operates?  Na Receipt of alarm transmission to signal receiving center?  Na Receipt of supervisory trans to signal receiving center?  Na Receipt of trouble transmission to signal receiving center?  Na Operation of the fire signal receiving center disconnect results in a specific trouble indication at control unit?  Va Junt circuit designations, correctly identified in relation to connected field devices.  Va Output circuit designations correctly identified in relation to connected field devices.  Va Correct designations correctly identified in relation to a connected field devices.  Va Correct designations correctly identified in relation to a connected field devices.  Va Correct designations correctly identified in relation to a connected field devices.  Va Correct designations correctly identified in relation to a connected field devices.  Va Correct designations correctly identified in relation to a connected field devices.  Va Correct designations correctly identified in relation to a connected field devices.  Va Correct designations correctly identified in relation to a connected field devices.  Va Correct designations correctly identified in relation to a connected field devices.  Va Correct designations correctly in place?     |          |   | <u>√</u>    |  |
| Na Ancillary circuit by-pass will result in a trouble signal?  ✓ Input circuit to output circuit operation including ancillary device circuits, for correct program operation as per design & spec. (App "C")  ✓ Fire alarm Reset operates?  ✓ Main power to emergency power supply transfer operates?  Na Status change confirmation (smoke detectors) verified  Na Receipt of alarm transmission to signal receiving center?  Na Receipt of supervisory trans to signal receiving center?  Na Receipt of trouble transmission to signal receiving center?  Na Receipt of trouble transmission to signal receiving center?  Na Receipt of trouble indication at control unit?  ✓ Jaccularly designations, correctly identified in relation to connected field devices  ✓ Output circuit designations correctly identified in relation to connected field devices.  ✓ Correct designations-common control functions / indicators  Na Record date, revision and version of Firmware & software  Na Date: Rev: Ver:  ✓ Fuses in accordance with MFGs specification?  Voltage 25.3 DC Current with main power supply "off" and fire alarm in full load alarm condition?  ✓ Charging current is0.10A  Hattery voltage and current with main power supply "off" and fire alarm in full load alarm condition?  ✓ Charging current is0.10A  Inspected for physical damage?  ✓ Terminals clamped tightly?  Terminals clamped tightly?  ✓ Correct Electrolyte level?  Na Specific gravity within mfg specifications?  Na Electrolyte leaks?  ✓ Adequately ventilated?  ✓ Battery mfg's date code or in-service date:2017  Disconnection causes trouble signal?  Indicate type of Battery Test Performed?  ✓ Disconnection causes trouble signal?  Indicate type of Battery Test Performed?  ✓ Output circuit designations correctly identified in relation  to connected field devices.  Na (3) Silent accelerated test – App F2  ✓ Plugin components and modules securely in place?  Na (4) A battery capacity meter test App F3  Na (5) In lieu of battery terminal voltage after testsV decord alculated batte                       |   | Na       |   | <del></del> |  |
| Input circuit to output circuit operation including ancillary device circuits, for correct program operation as per design & spec. (App "C")  Fire alarm Reset operates?  Main power to emergency power supply transfer operates?  Na Status change confirmation (smoke detectors) verified  Na Receipt of alarm transmission to signal receiving center?  Na Receipt of trouble transmission to signal receiving center?  Na Operation of the fire signal receiving center disconnect results in a specific trouble indication at control unit?  2.3 Control Unit or Transponder Inspection Input circuit designations, correctly identified in relation to connected field devices.  V Correct designations-common control functions / indicators  V Plugin cables securely in place  Na Record date, revision and version of Firmware & software  Na Record date, revision and drea of dust and dirt?  V Euses in accordance with MFGs specification?  V Battery voltage and current with main power supply "off" and fire alarm in full load alarm condition?  voltage25.1 vdc Current0.35 A  V Charging current is0.10 A  V Correct Electrolyte level?  Na Indicate type of Battery Test Performed?  V Disconnection causes trouble signal?  Indicate type of Battery Test Performed?  Na (1) supervisory load for 24h followed by full load operation   |   |          | •   |             |  |
| ancillary device circuits, for correct program operation as per design & spec. (App "C")  Fire alarm Reset operates?  Main power to emergency power supply transfer operates?  Na Status change confirmation (smoke detectors) verified  Na Receipt of alarm transmission to signal receiving center?  Na Receipt of supervisory trans to signal receiving center?  Na Receipt of trouble transmission to signal receiving center?  Na Receipt of trouble transmission to signal receiving center?  Na Operation of the fire signal receiving center operation of the fire signal receiving center operation of the fire signal receiving center?  Na Operation of the fire signal receiving center operation of the fire signal receiving center operation of the fire signal receiving center operation of the fire signal receiving center?  Na Operation of the fire signal receiving center operates?  Na Operation of the fire signal receiving center?  Na Electrolyte leaks?  A dequately ventilated?  A dequately ventilate |   |          |   | ,           |  |
| as per design & spec. (App "C") Fire alarm Reset operates?  Main power to emergency power supply transfer operates? Na Receipt of alarm transmission to signal receiving center? Na Receipt of supervisory trans to signal receiving center? Na Receipt of trouble transmission to signal receiving center? Na Receipt of trouble transmission to signal receiving center? Na Receipt of trouble transmission to signal receiving center? Na Receipt of trouble transmission to signal receiving center? Na Operation of the fire signal receiving center disconnect results in a specific trouble indication at control unit?  2.3 Control Unit or Transponder Inspection Input circuit designations, correctly identified in relation to connected field devices  V Output circuit designations correctly identified in relation to connected field devices  V Correct designations-common control functions / indicators  V Plugin components and modules securely in place? Na Record date, revision and version of Firmware & software  Na Record date, revision and version of Firmware & software  Na Record date, revision and version of Firmware & software  Na Correct Destroylte leaks?  V Charging current is0.10   | - |          |   |             |  |
| Fire alarm Reset operates?  Wain power to emergency power supply transfer operates?  Na Status change confirmation (smoke detectors) verified  Na Receipt of alarm transmission to signal receiving center?  Na Receipt of supervisory trans to signal receiving center?  Na Receipt of trouble transmission to signal receiving center?  Na Receipt of trouble transmission to signal receiving center?  Na Operation of the fire signal receiving center disconnect results in a specific trouble indication at control unit?  2.3 Control Unit or Transponder Inspection  Input circuit designations, correctly identified in relation to connected field devices  Output circuit designations correctly identified in relation to connected field devices.  Output circuit designations correctly identified in relation to connected field devices.  Output circuit designations correctly in place?  Plugin components and modules securely in place?  Plugin cables securely in place  Na Record date, revision and version of Firmware & software  Na Date:Rev:Ver:  |   |          |   |             |  |
| Main power to emergency power supply transfer operates?  Na Status change confirmation (smoke detectors) verified  Na Receipt of alarm transmission to signal receiving center?  Na Receipt of supervisory trans to signal receiving center?  Na Receipt of trouble transmission to signal receiving center?  Na Receipt of trouble transmission to signal receiving center?  Na Receipt of trouble transmission to signal receiving center?  Na Receipt of trouble transmission to signal receiving center?  Na Specific gravity within mfg specifications?  Electrolyte leaks?  Pattery mfg's date code or in-service date:2017  Adequately ventilated?  2.3 Control Unit or Transponder Inspection  Input circuit designations, correctly identified in relation to connected field devices  Output circuit designations correctly identified in relation to connected field devices.  Output circuit designations correctly identified in relation to connected field devices.  Correct designations-common control functions / indicators  Plugin components and modules securely in place?  Na Record date, revision and version of Firmware & software  Na Record date, revision and version of Firmware & software  Na Record date, revision and version of Firmware & software  Na Clean and free of dust and dirt?  Clean and free of dust and dirt?  Vincential cleaned and lubricated?  Terminal cleaned and lubricated?  Terminals clamped tightly?  Terminal cleaned and lubricated?  Terminals clamped tightly?  Na Correct Electrolyte level?  Na Underwind specification?  Na (1) supervisory load for 24h followed by full load operation.  Na (2) silent test by using load resister method -App F1  Na (3) Silent accelerated test – App F2  Na (4) A battery capacity meter test App F3  So In lieu of battery tests, replace with new set having current date code, as per mfg  R         |   | 1        |   | 1           |  |
| Na Status change confirmation (smoke detectors) verified Na Receipt of alarm transmission to signal receiving center? Na Receipt of supervisory trans to signal receiving center? Na Receipt of trouble transmission to signal receiving center? Na Receipt of trouble transmission to signal receiving center? Na Receipt of trouble transmission to signal receiving center? Na Specific gravity within mfg specifications?  Na Electrolyte leaks?  Adequately ventilated?  Altery mfg's date code or in-service date:2017   | - |          |   |             |  |
| Na       Receipt of alarm transmission to signal receiving center?       ✓       Terminals clamped tightly?         Na       Receipt of supervisory trans to signal receiving center?       Na       Correct Electrolyte level?         Na       Receipt of trouble transmission to signal receiving center?       Na       Specific gravity within mfg specifications?         Na       Operation of the fire signal receiving center disconnect results in a specific trouble indication at control unit?       Valential         2.3 Control Unit or Transponder Inspection       ✓       Adequately ventilated?         Y       Date indicated type of Battery mfg's date code or in-service date:2017   | - |          |   |             |  |
| Na       Receipt of supervisory trans to signal receiving center?       Na       Correct Electrolyte level?         Na       Receipt of trouble transmission to signal receiving center?       Na       Specific gravity within mfg specifications?         Na       Operation of the fire signal receiving center disconnect results in a specific trouble indication at control unit?       Na       Electrolyte leaks?         2.3 Control Unit or Transponder Inspection       ✓       Adequately ventilated?         ✓       Battery mfg's date code or in-service date:2017         ✓       Disconnection causes trouble signal?         Indicate type of Battery Test Performed?         Voutput circuit designations correctly identified in relation to connected field devices       Na       (1) supervisory load for 24h followed by full load operation.         Vouries of Electrolyte leaks?       Na       Na       Indicate type of Battery Test Performed?         Vouries of Electrolyte leaks?       Valequately ventilated?       Na       Na       (1) supervisory of Battery Test Performed?         Vouries of Electrolyte leaks?       Na       Na       (2) silent test by using load for 24h followed by full load operation.       Na       (3) Silent accelerated test — App F2         Vouries of Electrolyte leaks?       Na       Na       (3) Silent accelerated test — App F2       Na       (4) A battery capacity meter test App F3       Na   | - |          |   |             |  |
| Na       Receipt of trouble transmission to signal receiving center?       Na       Specific gravity within mfg specifications?         Na       Operation of the fire signal receiving center disconnect results in a specific trouble indication at control unit?       Na       Electrolyte leaks?         2.3 Control Unit or Transponder Inspection       ✓ Adequately ventilated?         ✓ Input circuit designations, correctly identified in relation to connected field devices       Na       Indicate type of Battery Test Performed?         ✓ Output circuit designations correctly identified in relation to connected field devices.       Na       (1) supervisory load for 24h followed by full load operation.         ✓ Correct designations-common control functions / indicators       Na       (2) silent test by using load resister method -App F1         ✓ Plugin components and modules securely in place?       Na       (3) Silent accelerated test – App F2         Na       Na       (5) In lieu of battery tests, replace with new set       Na         Na       Na       Na       Na         Value       Record date, revision and version of Firmware & software       Na       X       Record calculated battery capacity App F4_4.5A h         Value       Ver:       Ver       X       X       Record battery terminal voltage after tests       V dc         Value       Verse in accordance with MFGs specification?       Ver <th< td=""><td></td><td></td><td></td><th></th><td></td></th<>  |   |          |   |             |  |
| Na       Operation of the fire signal receiving center disconnect results in a specific trouble indication at control unit?       Na       Electrolyte leaks?         2.3 Control Unit or Transponder Inspection       ✓       Battery mfg's date code or in-service date:2017   | - |          |   |             | •  |
| results in a specific trouble indication at control unit?  2.3 Control Unit or Transponder Inspection  Input circuit designations, correctly identified in relation to connected field devices  Output circuit designations correctly identified in relation to connected field devices.  Output circuit designations correctly identified in relation to connected field devices.  Correct designations-common control functions / indicators  Plugin components and modules securely in place?  Na  Record date, revision and version of Firmware & software  Na  Date:  Rev:  Ver:  Ver | • |          |   |             |  |
| 2.3 Control Unit or Transponder Inspection Input circuit designations, correctly identified in relation to connected field devices Output circuit designations correctly identified in relation to connected field devices  Output circuit designations correctly identified in relation to connected field devices.  Na Indicate type of Battery Test Performed?  Na (1) supervisory load for 24h followed by full load operation. to connected field devices.  Na (2) silent test by using load resister method -App F1  Correct designations-common control functions / indicators Plugin components and modules securely in place? Plugin cables securely in place Na Record date, revision and version of Firmware & software Na Record date, revision and version of Firmware & software Na Date:  | - |          |   |             |  |
| ✓ Input circuit designations, correctly identified in relation to connected field devices   Na   Indicate type of Battery Test Performed?     ✓ Output circuit designations correctly identified in relation to connected field devices.   Na   (1) supervisory load for 24h followed by full load operation.     ✓ Correct designations-common control functions / indicators   Na   (2) silent test by using load resister method -App F1     ✓ Correct designations-common control functions / indicators   Na   (3) Silent accelerated test − App F2     ✓ Plugin components and modules securely in place?   Na   (4) A battery capacity meter test App F3     ✓ Plugin cables securely in place   Na   (5) In lieu of battery tests, replace with new set     Na   Date:   |   |          |   | <u> </u>    |  |
| to connected field devices  Voutput circuit designations correctly identified in relation to connected field devices.  Voorrect designations-common control functions / indicators  Na (2) silent test by using load resister method -App F1  Na (3) Silent accelerated test – App F2  Na (4) A battery capacity meter test App F3  Na (5) In lieu of battery tests, replace with new set  having current date code, as per mfg  Record calculated battery capacity App F4_4.5A h  Clean and free of dust and dirt?  Vode  Voorrect designations correctly identified in relation  Na (1) supervisory load for 24h followed by full load operation.  Na (2) silent test by using load resister method -App F1  Na (5) In lieu of battery tests, replace with new set  having current date code, as per mfg  Record calculated battery capacity App F4_4.5A h  Voorrect designations-common control functions / indicators  Na (5) In lieu of battery tests, replace with new set  having current date code, as per mfg  Record calculated battery capacity App F4_4.5A h  Voorrect designations-common control functions / indicators  Voorrect designations-common control functions / indicators  Na (2) silent test by using load resister method -App F1  Na (5) In lieu of battery tests, replace with new set  having current date code, as per mfg  Record calculated battery capacity App F4_4.5A h  Voorrect designations-common control functions / indicators  Na (5) In lieu of battery tests, replace with new set  having current date code, as per mfg  Place of dust and direct of dust and di         |   | ✓        | • •   |             |  |
| Output circuit designations correctly identified in relation to connected field devices.  Correct designations-common control functions / indicators Plugin components and modules securely in place?  Plugin cables securely in place Na Record date, revision and version of Firmware & software Na Date: Rev: Ver: Ver: Ver: Ver: Ver: Ver: Ver: Ver  | - |          |   |             | <del>_</del>   |
| to connected field devices.  Variables of the connected field devices.  Na (2) silent test by using load resister method -App F1  Na (3) Silent accelerated test – App F2  Variables of the connected field devices.  Na (3) Silent accelerated test – App F2  Na (4) A battery capacity meter test App F3  Na (5) In lieu of battery tests, replace with new set having current date code, as per mfg  Na Clean and free of dust and dirt?  Variables of the connected field devices.  Variables of the connected field devices in each of the connected field fiel |   | ✓        |   |             |  |
| ✓Correct designations-common control functions / indicatorsNa(3) Silent accelerated test − App F2✓Plugin components and modules securely in place?Na(4) A battery capacity meter test App F3✓Plugin cables securely in placeNa(5) In lieu of battery tests, replace with new setNaRecord date, revision and version of Firmware & softwarehaving current date code, as per mfgNaDate: Rev: Ver: ✓Record calculated battery capacity App F44.5 A h✓Clean and free of dust and dirt? ✓Record battery terminal voltage after tests V dc✓Fuses in accordance with MFGs specification? ✓Battery voltage not less than 85% of its rating after tests.  | • |          |   |             |  |
| Plugin components and modules securely in place?  Plugin cables securely in place  Na  Record date, revision and version of Firmware & software  Na  Date:  Rev:  Ver:  Ver:  Record calculated battery capacity meter test App F3  (5) In lieu of battery tests, replace with new set  having current date code, as per mfg  Record calculated battery capacity App F4_4.5_A h  Clean and free of dust and dirt?  Verication  Record battery terminal voltage after tests  Verication  Record battery verminal voltage after tests  Verication  Verication  Record battery verminal voltage after tests  Verication  Verication  Record battery verminal voltage after tests   |   | ✓        |   |             |  |
| Valugin cables securely in place       Na       (5) In lieu of battery tests, replace with new set         Na       Record date, revision and version of Firmware & software       having current date code, as per mfg         Na       Date:       Rev:       Ver:       ✓       Record calculated battery capacity App F4_4.5_A h         ✓       Clean and free of dust and dirt?       ✓       Record battery terminal voltage after testsV dc         ✓       Fuses in accordance with MFGs specification?       ✓       Battery voltage not less than 85% of its rating after tests.  | • | <b>√</b> |   |             |  |
| Na       Record date, revision and version of Firmware & software       having current date code, as per mfg         Na       Date:       Rev:       Ver:       ✓       Record calculated battery capacity App F4_4.5_A h         ✓       Clean and free of dust and dirt?       ✓       Record battery terminal voltage after tests       V dc         ✓       Fuses in accordance with MFGs specification?       ✓       Battery voltage not less than 85% of its rating after tests.  | • |          |   |             |  |
| Na       Date:       Rev:       Ver:       ✓       Record calculated battery capacity App F4_4.5_A h         ✓       Clean and free of dust and dirt?       ✓       Record battery terminal voltage after tests       V dc         ✓       Fuses in accordance with MFGs specification?       ✓       Battery voltage not less than 85% of its rating after tests.   | • | Na       |   |             |  |
| Clean and free of dust and dirt?  Fuses in accordance with MFGs specification?  Record battery terminal voltage after testsV dc  Battery voltage not less than 85% of its rating after tests.  | • |          |   | ✓           |  |
| Fuses in accordance with MFGs specification?  Battery voltage not less than 85% of its rating after tests.   | • |          |   | <b>√</b>    |  |
|  | - | <u>√</u> |   | <b>√</b>    |  |
|  | • | <b>√</b> |   |             |  |

Inspection and Testing of Fire Alarm Systems
Building Name: Mission Minimum – A23 Date: July 2017

|          | Yes - Tested correctly "X" No - Did not test correctly (Ex<br>2.5 Emergency Power Supply Test and Inspection |          | Annunciation of the fault and operation outside t  |           |
|----------|--|----------|--|-----------|
| ✓        | Trouble condition at the em gen shall result in an audible   |          | section between each pair of:                      |           |
|          | common trouble signal and a visual indication at the   | Na       | (i) Control unit to control unit                   |           |
|          | required annunciator?  | Na       | (ii) Control unit to transponder                   |           |
|          | 2.7 Annunciator or Sequential Displays   | Na       | (iii)Transponder to transponder                    |           |
| ✓        | Power on indicator operates?   |          | 2.2 Voice Communication Inspection/Tests           |           |
| <b>√</b> | Individual alarm, supervisory zone indication operates.  | Na       | Power "ON" operates?                               |           |
| Na       | (Exception: operation of each individual alarm and   | Na       | Common visual trouble signal operates?             |           |
|          | supervisory zone indication, or lights the identical   | Na       | Common audible trouble signal operates?            |           |
|          | indicators at the other annunciators and sequential display)   | Na       | Trouble signal silence switch operates?            |           |
|          | Specify method of confirmation   | Na       | All call voice paging including visual indicator o | perates?  |
|          |  | Na       | Output circuits for selective voice paging includi |           |
| ✓        | Minimum of 1 alarm zone and one supervisory zone tested  |          | indication operates?                               |           |
| -        | per annunciator or sequential display to confirm operation.  | Na       | Output circuits for selective voice paging trouble | operation |
| ✓        | Individual alarm and supervisory zone labels identified.   |          | including visual indication operates?              | •         |
| <b>√</b> | Common trouble signal operates?  | Na       | Microphone including press to talk switch operat   | tes?      |
| Na       | Visual indicator test (lamp test) operates?  | Na       | Operation of voice paging does interfere with ini  |           |
| <b>√</b> | Input wiring form control unit/transponder supervised  |          | inhibit time of alert and alarm signal?            |           |
| <b>√</b> | Alarm signal silence visual indicator operates?  | Na       | All call voice paging operates on emergency pow    | ver?      |
| na       | Switches for ancillary function operate as per design?   | Na       | Upon failure of one amplifier, system automatica   | ılly      |
| Na       | Other ancillary functions visual indicators operate?   | <u> </u> | transfers to backup amplifier.                     |           |
| Na       | Manual activation of alarm signal and indication operate?  | Na       | Circuits for emergency telephone call in operatio  | n         |
| ✓        | Displays are visible in installed location?  |          | including audible and visual indication operates   |           |
|          | 2.9 Printer Testing  | Na       | Circuits for emergency telephone for operation, i  | ncluding  |
| Na       | Operation as per design and specification?   |          | two-way voice communication operates?              |           |
| Na       | Zone of each alarm initiating device is correctly printed?   | Na       | Circuits for emergency telephones trouble operat   | ion       |
| Na       | Rated voltage is present?  |          | including visual indication operates?              |           |
|          | 2.10 Data Communication Link Test (DCL)  | Na       | _ Emergency telephone verbal communication ope     |           |
| Na       | Confirm that a trouble signal is receive at the control unit   | Na       | Emergency telephone operable or in-use tone at h   | handset.  |
|          | or transponder under an open loop fault for each DCL   |          |  |           |
| Na       | Where fault isolation modules are installed in DCL serving   |          |  |           |
|          | field devices, wiring shall be shorted on the isolated side,   |          | 2.11 Ancillary Device Circuit Test                 |           |
|          | annunciation of the fault confirmed, and then a field  | Na<br>Na | _ Circuit – confirmed                              |           |
|          | device on the source side shall be operated, and activation  | Na<br>Na | _ Circuit – confirmed                              |           |
| NI.      | confirmed at the control unit or transponder.  | Na<br>Na | _ Circuit – confirmed                              |           |
| Na       | Where a fault isolation in DCL is provided between   | Na       | _ Circuit – confirmed                              |           |
| No       | control units/transponders and between   |          |  |           |
| Na       | Transponders, introduce a short circuit fault and confirm Continued  |          |  |           |
|          | Continued  |          |  |           |
| dditio   | onal Comments:   |          |  |           |
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|                                   |  |                 |  | Service:                            |           | Time:   |                 |                   |
|-----------------------------------|--|-----------------|--|-------------------------------------|-----------|---------|-----------------|-------------------|
|                                   | <b>ELITE</b>   |                 |  | July 2017 7:00am  Annual Inspection |           |         | Logt Som        | vice Date:        |
|                                   |  |                 |  | Annual Ins                          | pection   |         | July 2010       |                   |
|                                   | PROTECTIO  | NITO            | Si   | ngle Stage                          | Two       | Stage   |                 | ect Connection    |
| Unit 1 33                         | 605 Maclure Road, Abbo   |                 | S 7W2                                      | $\boxtimes$                         |           |         |                 | ] yes □no         |
| Omt 1 – 33                        | Office – 1-877-850-  |                 |  | Manufacturer:                       |           |         |                 |                   |
|                                   | 011100 1 077 030   | 0011            |  | Edwards                             |           |         |                 |                   |
| Building Name:<br>Mission Minimur | n _ Rldg 27  |                 | Contac<br>Scott V                          | t Person:                           |           |         | Phone: 604-820- | 5758              |
| Address:                          | n – Diug 21  |                 | Owner                                      |                                     |           |         | Phone:          | 3136              |
| 33737 Dewdney                     |  | ostal Code:     |  | Corrections Canada                  |           |         |                 | 5758              |
| City:<br>Mission                  | P  | Fire Si         | Fire Signal Receiving Centre: Phone: Acct: |                                     |           |         |                 |                   |
|                                   |  |                 |  |                                     |           |         |                 |                   |
|                                   |  |                 |  |                                     |           |         |                 |                   |
|                                   | eptable "No" - Unaccept  | able (Explain   |  | nments)                             |           |         |                 | 1                 |
| Yes No                            |  |                 | Summary                                    |                                     |           |         |                 |                   |
|                                   | The entire fire alarm system has been inspected and tested in accordance with CAN/ULC S536 |                 |  |                                     |           |         |                 |                   |
|                                   | The entire the ararm sys   | tem nas been n  | ispected and tested                        | in accordance wit                   | II CAN/UI | LC 3550 |                 |                   |
|                                   | The fire alarm system documentation is on site and includes a description of the system.   |                 |  |                                     |           |         |                 |                   |
|                                   | The fire clares greaters is fully functional   |                 |  |                                     |           |         |                 |                   |
|                                   | The fire alarm system is fully functional.   |                 |  |                                     |           |         |                 |                   |
|                                   | The fire alarm system has deficiencies noted.  |                 |  |                                     |           |         |                 |                   |
|                                   | A copy of this report is   | given to the Ow | ner or the owner's                         | representative.                     |           |         |                 |                   |
|                                   |  | 9               |  | P                                   |           |         |                 | l                 |
|                                   |  |                 | After-test Checkl                          | ist                                 |           |         |                 |                   |
|                                   | NA   |                 | me limit cutouts?                          |                                     |           |         |                 |                   |
|                                   |  |                 | ncillary functions?                        |                                     |           |         |                 |                   |
|                                   | NA<br>NA   |                 | ncillary functions (o                      | off site connection                 | s)?       |         |                 |                   |
|                                   |  | Reconnect si    | <u> </u>                                   | 10                                  |           |         |                 |                   |
|                                   |  |                 | lepartment the testing the alarm system is | • •                                 |           |         |                 |                   |
|                                   |  | Elisure that t  | ne ararın system is i                      | tunctional?                         |           |         |                 |                   |
|                                   |  |                 |  |                                     |           |         |                 |                   |
| Commen                            | nts  |                 |  |                                     |           |         |                 |                   |
|                                   |  |                 |  |                                     |           |         |                 |                   |
|                                   |  |                 |  |                                     |           |         |                 |                   |
|                                   |  | SE              | E DEFICIENCY                               | / REPORT                            |           |         |                 |                   |
|                                   |  |                 |  |                                     |           |         |                 |                   |
|                                   |  |                 |  |                                     |           |         |                 |                   |
|                                   |  |                 |  |                                     |           |         |                 |                   |
|                                   |  |                 |  |                                     |           |         |                 |                   |
|                                   | ormation on this form is correct uirements and at this time was                            |                 |  |                                     |           |         |                 | ole codes and the |
|                                   |  | - r             | r  |                                     | 1         |         |                 |                   |
| Matt                              | Allen Amy – FP0669<br>hew Kowalenko – FP109  | 3               | July 2017                                  | 7:00am                              |           |         |                 |                   |
| 171411                            | , 11 10 multino 11 10)   | ~               | 0 mij 2011                                 | /.oouiii                            | 1         |         |                 |                   |

Time

Date

Technician Stamp

Date: July 2017 Building Name: Mission Minimum – Bldg 27

" $\sqrt{}$ " Yes - Tested correctly "X" No - Did not test correctly (Explain NO answers in comments) "NA" Not applicable

| 2.1            | Control Unit or Transponder Tests                             | <b>√</b>      | Termination points from wiring to field devices secure        |
|----------------|---|---------------|---|
| <b>√</b>       | Power on visual indicator operates?                           |               | 2.6 Annunciator & Remote Trouble Test & Inspection            |
| <b>✓</b>       | Common visual trouble signal operates?                        | Na            | Power on indicator operates?                                  |
| <b>√</b>       | Common audible trouble signal operates?                       | Na            | Individual alarm and supervisory input zone clearly           |
| <b>✓</b>       | Trouble signal silence switch operates?                       | Na            | indicated and separately designated?                          |
|                | Main Power supply failure trouble signal operates?            | Na            | Individual alarm and supervisory zone labels identified?      |
|                | Ground fault tested on positive and negative trouble signal   | Na            | Common trouble signal operates?                               |
| Na             | Alert signal operation operates?                              | Na            | Visual indicator test - Lamp test operates?                   |
|                | Alarm signal operation operates?                              | Na            | Input wiring from control unit/transponder is supervised?     |
| Na             | Automatic transfer from alert to alarm signal operates?       | Na            | Alarm signal silence visual indicator operates?               |
| Na             | Manual transfer from alert signal to alarm signal operates?   | Na            | Switches for ancillary function operate as per design?        |
| Na             | Auto transfer from alert to alarm signal cancel operates      | Na            | Other ancillary function visual indicators operate?           |
| Na             | Alarm signal silence inhibit function operates?               | Na            | Manual activation of alarm signal and indication operates?    |
|                | Alarm signal manual silence operates?                         | Na            | Displays are visible in installed location operates?          |
| <u> </u>       | Alarm signal silence visual indication operates?              | Na            | Operates on emergency power?                                  |
|                | Alarm signal when silenced automatically reinitiates on       |               | 2.4 Power Supply Inspection                                   |
|                | subsequent alarm?   | ✓             | Fused with mfgs marked rating of the system?                  |
| Na             | Alarm signal silence automatic cut-out timer?                 | $\overline{}$ | Adequate to meet the requirements of the system?              |
|                | Audible visual and alert and alarm signals programmed         |               | 2.8 Remote Trouble Signal Unit Test and Inspection            |
|                | and operate as per design & specification. (app C)            | Na            | Input wiring form control/transponder is supervised?          |
| ✓              | Input circuit alarm and supervisory operation including       | Na            | Visual trouble signal operates?                               |
|                | audible and visual indication operates?                       | Na            | Audible trouble signal operates?                              |
| ✓              | Input circuit supervision fault causes a trouble indication?  | Na            | Audible trouble signal silence operates?                      |
| <u> </u>       | Output circuit alarm indicators operate?                      |               | 2.5 Emergency Power Supply Test and Inspection                |
| <u>√</u>       | Output circuit supervision fault causes a trouble indication? | ✓             | Correct battery type as recommend by manufacturer?            |
| <u>√</u>       | Visual indicator test (lamp test)?                            | <b>√</b>      | Correct rating as determined by battery calculations          |
| Na             | Coded signal sequence operates not less than the required     |               | based on full system load?                                    |
|                | number of times and the correct alarm signal thereafter.      | ✓             | Battery voltage main power on? _26.23 Vdc?                    |
| Na             | Coded signal sequences are not interrupted by                 | <b>√</b>      | Battery voltage and current with main power supply "off"      |
|                | subsequent alarms?  |               | and fire alarm in supervisory condition?                      |
| Na             | Ancillary circuit by-pass will result in a trouble signal?    |               | Voltage _25.9DC Current0.39A                                  |
| <u> </u>       | Input circuit to output circuit operation including           | ✓             | Battery voltage and current with main power supply "off"      |
|                | ancillary device circuits, for correct program operation      |               | and fire alarm in full load alarm condition?                  |
| ,              | as per design & spec. (App "C")                               |               | voltage24.9Vdc Current _1.29A                                 |
| <u>√</u>       | Fire alarm Reset operates?                                    | <u>√</u>      | Charging current is0.99A                                      |
| <u>✓</u>       | Main power to emergency power supply transfer operates?       | <b>✓</b>      | 1 1 5 &   |
| Na             | Status change confirmation (smoke detectors) verified         | <b>√</b>      | Terminal cleaned and lubricated?                              |
| <u>Na</u>      | Receipt of alarm transmission to signal receiving center?     | ✓             | Terminals clamped tightly?                                    |
| <u>Na</u>      | Receipt of supervisory trans to signal receiving center?      | <u>Na</u>     | Correct Electrolyte level?                                    |
| Na             | Receipt of trouble transmission to signal receiving center?   | Na            | Specific gravity within mfg specifications?                   |
| Na             | Operation of the fire signal receiving center disconnect      | Na            | Electrolyte leaks?  |
|                | results in a specific trouble indication at control unit?     | <b>√</b>      | Adequately ventilated?  |
| ,              | 2.3 Control Unit or Transponder Inspection                    | <b>√</b>      | Battery mfg's date code or in-service date:2017               |
|                | Input circuit designations, correctly identified in relation  | <b>✓</b>      | Disconnection causes trouble signal?                          |
| ,              | to connected field devices                                    | Na            | Indicate type of Battery Test Performed?                      |
|                | Output circuit designations correctly identified in relation  | Na            | (1) supervisory load for 24h followed by full load operation. |
| ,              | to connected field devices.                                   | Na            | (2) silent test by using load resister method -App F1         |
| <u>√</u>       | Correct designations-common control functions / indicators    | Na            | (3) Silent accelerated test – App F2                          |
| <del>-</del>   | Plugin components and modules securely in place?              | Na            | (4) A battery capacity meter test App F3                      |
| <u> </u>       | Plugin cables securely in place                               | Na            | (5) In lieu of battery tests, replace with new set            |
| Na Na          | Record date, revision and version of Firmware & software      | ,             | having current date code, as per mfg                          |
| Na Na          | Date:   | <del>-</del>  | Record calculated battery capacity App F4_26A h               |
| <del>-/-</del> | Clean and free of dust and dirt?                              | <del>-</del>  | Record battery terminal voltage after testsV dc               |
| <del>-</del>   | Fuses in accordance with MFGs specification?                  | <b>√</b>      | Battery voltage not less than 85% of its rating after tests.  |
| ✓              | Control Unit or transponder lock functional?                  | <b>✓</b>      | Generator provides power to the AC circuit for FA syst.       |

Inspection and Testing of Fire Alarm Systems
Building Name: Mission Minimum – Bldg 27 Date: July 2017

| gency Power Supply Test and Inspection ondition at the em gen shall result in an audible rouble signal and a visual indication at the nnunciator? nciator or Sequential Displays indicator operates? alarm, supervisory zone indication operates. n: operation of each individual alarm and ry zone indication, or lights the identical at the other annunciators and sequential display) ethod of confirmation  of 1 alarm zone and one supervisory zone tested ciator or sequential display to confirm operation. alarm and supervisory zone labels identified. trouble signal operates? licator test (lamp test) operates? ng form control unit/transponder supervised nal silence visual indicator operates? for ancillary function operate as per design? | Na N  | section between each pair (i) Control unit to control (ii) Control unit to transp (iii) Transponder to transp 2.2 Voice Communication Power "ON" operates? Common visual trouble s Common audible trouble Trouble signal silence sw All call voice paging incl Output circuits for selection indication operates? Output circuits for selection including visual indication Microphone including pr  | d unit conder conder con Inspection/Tests  ignal operates? signal operates? vitch operates? uding visual indicator operates? ive voice paging including visual ive voice paging trouble operation  |  |
|--|---|--|--|--|
| rouble signal and a visual indication at the nnunciator?  nciator or Sequential Displays indicator operates?  alarm, supervisory zone indication operates.  r: operation of each individual alarm and ry zone indication, or lights the identical at the other annunciators and sequential display) ethod of confirmation  of 1 alarm zone and one supervisory zone tested ciator or sequential display to confirm operation.  alarm and supervisory zone labels identified. trouble signal operates?  licator test (lamp test) operates?  ng form control unit/transponder supervised nal silence visual indicator operates?  | Na  | (i) Control unit to control (ii) Control unit to transp (iii)Transponder to transp 2.2 Voice Communication Power "ON" operates? Common visual trouble s Common audible trouble Trouble signal silence sw All call voice paging incl Output circuits for selection indication operates? Output circuits for selection including visual indication Microphone including pr   | d unit conder conder con Inspection/Tests  ignal operates? signal operates? vitch operates? uding visual indicator operates? ive voice paging including visual ive voice paging trouble operation  |  |
| nnunciator? nciator or Sequential Displays indicator operates? alarm, supervisory zone indication operates. n: operation of each individual alarm and ry zone indication, or lights the identical at the other annunciators and sequential display) ethod of confirmation  of 1 alarm zone and one supervisory zone tested ciator or sequential display to confirm operation. alarm and supervisory zone labels identified. trouble signal operates? licator test (lamp test) operates? ng form control unit/transponder supervised nal silence visual indicator operates?   | Na  | (ii) Control unit to transp<br>(iii)Transponder to transp<br>2.2 Voice Communication<br>Power "ON" operates?<br>Common visual trouble s<br>Common audible trouble<br>Trouble signal silence sw<br>All call voice paging incl<br>Output circuits for selection<br>indication operates?<br>Output circuits for selection<br>including visual indication<br>Microphone including pr   | conder conder con Inspection/Tests  ignal operates? signal operates? vitch operates? uding visual indicator operates? ive voice paging including visual ive voice paging trouble operation   |  |
| nciator or Sequential Displays indicator operates? alarm, supervisory zone indication operates. n: operation of each individual alarm and ry zone indication, or lights the identical at the other annunciators and sequential display) ethod of confirmation  of 1 alarm zone and one supervisory zone tested ciator or sequential display to confirm operation. alarm and supervisory zone labels identified. trouble signal operates? licator test (lamp test) operates? ng form control unit/transponder supervised nal silence visual indicator operates?   | Na  | (iii)Transponder to transp.  2.2 Voice Communication Power "ON" operates? Common visual trouble some some some sudible trouble trouble signal silence sw. All call voice paging including visual indication operates? Output circuits for selection including visual indication including presented to transport the selection of the sel | conder con Inspection/Tests  ignal operates? signal operates? vitch operates? uding visual indicator operates? ive voice paging including visual ive voice paging trouble operation  |  |
| indicator operates? alarm, supervisory zone indication operates. n: operation of each individual alarm and ry zone indication, or lights the identical at the other annunciators and sequential display) ethod of confirmation  of 1 alarm zone and one supervisory zone tested ciator or sequential display to confirm operation. alarm and supervisory zone labels identified. trouble signal operates? licator test (lamp test) operates? ng form control unit/transponder supervised nal silence visual indicator operates?  | Na<br>Na<br>Na<br>Na<br>Na<br>Na<br>Na  | 2.2 Voice Communication Power "ON" operates? Common visual trouble is Common audible trouble. Trouble signal silence is with All call voice paging including visual indication. Output circuits for selecting including visual indication. Microphone including pr   | ignal operates? signal operates? vitch operates? uding visual indicator operates? ive voice paging including visual ive voice paging trouble operation   |  |
| alarm, supervisory zone indication operates.  n: operation of each individual alarm and ry zone indication, or lights the identical at the other annunciators and sequential display) ethod of confirmation  of 1 alarm zone and one supervisory zone tested ciator or sequential display to confirm operation. alarm and supervisory zone labels identified. trouble signal operates? licator test (lamp test) operates? ng form control unit/transponder supervised nal silence visual indicator operates?   | Na<br>Na<br>Na<br>Na<br>Na<br>Na  | Power "ON" operates? Common visual trouble s Common audible trouble Trouble signal silence sw All call voice paging incl Output circuits for selecti indication operates? Output circuits for selecti including visual indication Microphone including pr  | ignal operates? signal operates? vitch operates? uding visual indicator operates? ive voice paging including visual ive voice paging trouble operation   |  |
| n: operation of each individual alarm and ry zone indication, or lights the identical at the other annunciators and sequential display) ethod of confirmation  | Na<br>Na<br>Na<br>Na<br>Na<br>Na  | Common visual trouble s<br>Common audible trouble<br>Trouble signal silence sw<br>All call voice paging incl<br>Output circuits for select<br>indication operates?<br>Output circuits for select<br>including visual indication<br>Microphone including pr   | signal operates? vitch operates? uding visual indicator operates? ive voice paging including visual ive voice paging trouble operation   |  |
| at the other annunciators and sequential display) ethod of confirmation  of 1 alarm zone and one supervisory zone tested ciator or sequential display to confirm operation. alarm and supervisory zone labels identified. trouble signal operates? licator test (lamp test) operates? ng form control unit/transponder supervised nal silence visual indicator operates?   | Na<br>Na<br>Na<br>Na<br>Na  | Common audible trouble<br>Trouble signal silence sw<br>All call voice paging incl<br>Output circuits for select<br>indication operates?<br>Output circuits for select<br>including visual indication<br>Microphone including pr  | signal operates? vitch operates? uding visual indicator operates? ive voice paging including visual ive voice paging trouble operation   |  |
| at the other annunciators and sequential display) ethod of confirmation  of 1 alarm zone and one supervisory zone tested ciator or sequential display to confirm operation. alarm and supervisory zone labels identified. trouble signal operates? licator test (lamp test) operates? ng form control unit/transponder supervised nal silence visual indicator operates?   | Na<br>Na<br>Na<br>Na  | Trouble signal silence sw<br>All call voice paging incl<br>Output circuits for select<br>indication operates?<br>Output circuits for select<br>including visual indication<br>Microphone including pr  | witch operates? uding visual indicator operates? ive voice paging including visual ive voice paging trouble operation  |  |
| of 1 alarm zone and one supervisory zone tested ciator or sequential display to confirm operation. alarm and supervisory zone labels identified. trouble signal operates? licator test (lamp test) operates? ng form control unit/transponder supervised nal silence visual indicator operates?  | Na<br>Na<br>Na  | All call voice paging incl<br>Output circuits for selecti<br>indication operates?<br>Output circuits for selecti<br>including visual indication<br>Microphone including pr   | uding visual indicator operates? ive voice paging including visual ive voice paging trouble operation  |  |
| of 1 alarm zone and one supervisory zone tested ciator or sequential display to confirm operation. alarm and supervisory zone labels identified. trouble signal operates? licator test (lamp test) operates? ng form control unit/transponder supervised nal silence visual indicator operates?  | Na<br>Na<br>Na  | Output circuits for selection indication operates? Output circuits for selection including visual indication Microphone including pr   | ive voice paging including visual ive voice paging trouble operation   |  |
| ciator or sequential display to confirm operation. alarm and supervisory zone labels identified. trouble signal operates? licator test (lamp test) operates? ng form control unit/transponder supervised nal silence visual indicator operates?  | Na<br>Na  | indication operates? Output circuits for selection including visual indication. Microphone including pr  | ive voice paging trouble operation   |  |
| ciator or sequential display to confirm operation. alarm and supervisory zone labels identified. trouble signal operates? licator test (lamp test) operates? ng form control unit/transponder supervised nal silence visual indicator operates?  | Na  | Output circuits for selection including visual indication. Microphone including pr   |  |  |
| alarm and supervisory zone labels identified. trouble signal operates? licator test (lamp test) operates? ng form control unit/transponder supervised nal silence visual indicator operates?   | Na  | including visual indication<br>Microphone including pr   |  |  |
| trouble signal operates?<br>licator test (lamp test) operates?<br>ng form control unit/transponder supervised<br>nal silence visual indicator operates?  |   | Microphone including pr  | n operates?  |  |
| licator test (lamp test) operates?  ng form control unit/transponder supervised nal silence visual indicator operates?   |   |  |  |  |
| ng form control unit/transponder supervised nal silence visual indicator operates?   | Na  |  | ess to talk switch operates?   |  |
| nal silence visual indicator operates?   |   | Operation of voice pagin   | g does interfere with initial  |  |
| -  |   | inhibit time of alert and a  | darm signal?   |  |
| for ancillary function operate as per design?  | Na  | All call voice paging ope  | rates on emergency power?  |  |
|  | Na  | Upon failure of one ampl   | ifier, system automatically  |  |
| illary functions visual indicators operate?  |   | transfers to backup ampli  | fier.  |  |
| ctivation of alarm signal and indication operate?  | Na  | Circuits for emergency te  | lephone call in operation  |  |
| re visible in installed location?  |   | including audible and vis  | ual indication operates  |  |
| er Testing   | Na  | Circuits for emergency te  | elephone for operation, including  |  |
| as per design and specification?   |   | two-way voice communication operates?  |  |  |
| ach alarm initiating device is correctly printed?  | Na  |  |  |  |
| tage is present?   |   | including visual indication operates?  |  |  |
| Communication Link Test (DCL)  | Na  | Emergency telephone verbal communication operates?   |  |  |
| hat a trouble signal is receive at the control unit  | Na  | Emergency telephone ope  | erable or in-use tone at handset.  |  |
| nder under an open loop fault for each DCL   |   |  |  |  |
| alt isolation modules are installed in DCL serving   |   |  |  |  |
| ees, wiring shall be shorted on the isolated side,   |   | 2.11 Ancillary Device C  |  |  |
|  | Na  | Circuit –  | confirmed  |  |
|  | Na  | Circuit –  | confirmed  |  |
|  | Na  | Circuit –  | confirmed  |  |
| ault isolation in DCL is provided between  | Na  | Circuit –  | confirmed  |  |
| its/transponders and between   |   |  |  |  |
| lers, introduce a short circuit fault and confirm  |   |  |  |  |
|  |   |  |  |  |
|  | es, wiring shall be shorted on the isolated side, on of the fault confirmed, and then a field the source side shall be operated, and activation at the control unit or transponder. Bult isolation in DCL is provided between tits/transponders and between | es, wiring shall be shorted on the isolated side, on of the fault confirmed, and then a field the source side shall be operated, and activation at the control unit or transponder.  Na ulti isolation in DCL is provided between its/transponders and between ers, introduce a short circuit fault and confirm  | es, wiring shall be shorted on the isolated side, on of the fault confirmed, and then a field the source side shall be operated, and activation at the control unit or transponder.  In the source side shall be operated, and activation at the control unit or transponder.  In the source side shall be operated, and activation at the control unit or transponder.  In the source side shall be operated, and activation at the control unit or transponder.  In the source side shall be operated, and activation at the control unit or transponder.  In the source side shall be operated, and activation at the control unit or transponder.  In the source side shall be operated, and activation at the control unit or transponder.  In the source side shall be operated, and activation at the control unit or transponder.  In the source side shall be operated, and activation at the control unit or transponder.  In the source side shall be operated, and activation at the control unit or transponder.  In the source side shall be operated, and activation at the control unit or transponder.  In the source side shall be operated, and activation at the control unit or transponder.  In the source side shall be operated, and activation at the control unit or transponder.  In the source side shall be operated, and activation at the control unit or transponder.  In the source side shall be operated, and activation at the control unit or transponder.  In the source side shall be operated, and activation at the control unit or transponder.  In the source side shall be operated, and activation at the control unit or transponder.  In the source side shall be operated, and activation at the control unit or transponder.  In the source side shall be operated, and activation at the control unit or transponder.  In the source side shall be operated, and activation at the control unit or transponder.  In the source side shall be operated, and activation at the control unit or transponder.  In the source side shall be operated, and activation at the contr |  |

|                                   |  |   | Date of Service:<br>July 2017                | Tin                 | ne:<br>0am        |                   |  |  |
|-----------------------------------|--|---|--|---------------------|-------------------|-------------------|--|--|
| ELLE                              |  |   | Annual II                                    | nspection           |                   | vice Date:        |  |  |
|                                   | PROTECTIO  | NITO  | Single Stage                                 | Two Stage           | C                 | ect Connection    |  |  |
| Unit 1 – 33                       | 605 Maclure Road, Abbo   |   |  |                     |                   | ] yes □no         |  |  |
|                                   | Office – 1-877-850-  |   | Manufacturer:<br>Edwards                     | Model # IRC         |                   |                   |  |  |
| Building Name:<br>Mission Minimun | n – Duty Office  |   | Contact Person:<br>Scott Verwold             |                     | Phone: 604-820-   | 5758              |  |  |
| Address:                          | •  |   | Owner:                                       |                     | Phone:            |                   |  |  |
| 33737 Dewdney T<br>City:          |  | Postal Code:  | Corrections Canada Fire Signal Receiving Cer | 604-820-<br>Phone:  | 5758              |                   |  |  |
| Mission                           |  |   |  |                     | Acct:             |                   |  |  |
| " <b>V</b> "                      | makle ((N) e ? The coord   | table (Eurolein Ne engruen  | ··· • · · · · · · · · · · · · · · · · ·      |                     |                   |                   |  |  |
| Yes No                            | eptable "No" - Unaccept  | table (Explain No answer<br>Su  | immary                                       |                     |                   |                   |  |  |
| 200 110                           | · · · · · · · · · · · · · · · · · · ·  |   |  |                     |                   |                   |  |  |
|                                   | The entire fire alarm system has been inspected and tested in accordance with CAN/ULC S536 |   |  |                     |                   |                   |  |  |
|                                   | The fire alarm system documentation is on site and includes a description of the system.   |   |  |                     |                   |                   |  |  |
|                                   | The fire alarm system is fully functional.   |   |  |                     |                   |                   |  |  |
|                                   | The fire alarm system has deficiencies noted.  |   |  |                     |                   |                   |  |  |
|                                   | A copy of this report is   | given to the Owner or the   | owner's representative.                      |                     |                   |                   |  |  |
|                                   |  | Technicians After-test  | t Checklist                                  |                     |                   |                   |  |  |
|                                   | NA   | Reconnect time limit cu   |  |                     |                   |                   |  |  |
|                                   |  | Reconnect ancillary fun   |  |                     |                   |                   |  |  |
|                                   | NA   |   | nctions (off site connection                 | ons)?               |                   |                   |  |  |
|                                   |  | Reconnect signal power  |  |                     |                   |                   |  |  |
|                                   |  | Ensure that the alarm sy  | the testing is completed?                    | ,                   |                   |                   |  |  |
|                                   |  | Ensure that the ararm sy  | ystem is functional?                         |                     |                   |                   |  |  |
| Commen                            | nte.   |   |  |                     |                   |                   |  |  |
|                                   |  |   |  |                     |                   |                   |  |  |
|                                   |  |   |  |                     |                   |                   |  |  |
|                                   |  | SEE DEFIC   | CIENCY REPORT                                |                     |                   |                   |  |  |
|                                   |  |   |  |                     |                   |                   |  |  |
|                                   |  |   |  |                     |                   |                   |  |  |
|                                   |  |   |  |                     |                   |                   |  |  |
| Latata that the inf-              | rmotion on this form is as   | at the time and place of my !   | nation and that all assistent                | was tosted in conf- | manaa with amml:1 | alo andes and the |  |  |
|                                   |  | at the time and place of my insp<br>left in operational condition upo |  |                     |                   | ore codes and the |  |  |
|                                   | Allen Amy – FP0669<br>hew Kowalenko – FP109  | July 20   | 7:00am                                       |                     |                   |                   |  |  |

Date

Time

Technician Stamp

Date: July 2017 Building Name: Mission Minimum – Duty Office

"√" Yes - Tested correctly "X" No - Did not test correctly (Explain NO answers in comments) "NA" Not applicable

| 2.1        | Control Unit or Transponder Tests                             | ✓         | Termination points from wiring to field devices secure        |
|------------|---|-----------|---|
| ✓          | Power on visual indicator operates?                           | <u></u>   | 2.6 Annunciator & Remote Trouble Test & Inspection            |
| <b>√</b>   | Common visual trouble signal operates?                        | Na        | Power on indicator operates?                                  |
|            | Common audible trouble signal operates?                       | Na        | Individual alarm and supervisory input zone clearly           |
|            | Trouble signal silence switch operates?                       | Na        | indicated and separately designated?                          |
| <u> </u>   | Main Power supply failure trouble signal operates?            | Na        | Individual alarm and supervisory zone labels identified?      |
| <u> </u>   | Ground fault tested on positive and negative trouble signal   | Na        | Common trouble signal operates?                               |
| <u> </u>   | Alert signal operation operates?                              | Na        | Visual indicator test - Lamp test operates?                   |
| <u> </u>   | Alarm signal operation operates?                              | Na        | Input wiring from control unit/transponder is supervised?     |
| <u> </u>   | Automatic transfer from alert to alarm signal operates?       | Na        | Alarm signal silence visual indicator operates?               |
| \frac{1}{} | Manual transfer from alert signal to alarm signal operates?   | Na        | Switches for ancillary function operate as per design?        |
|            | Auto transfer from alert to alarm signal cancel operates      | Na        | Other ancillary function visual indicators operate?           |
| <u> </u>   | Alarm signal silence inhibit function operates?               | Na        | Manual activation of alarm signal and indication operates?    |
|            | Alarm signal manual silence operates?                         | Na        | Displays are visible in installed location operates?          |
|            | Alarm signal silence visual indication operates?              | Na        | Operates on emergency power?                                  |
|            | Alarm signal when silenced automatically reinitiates on       |           | 2.4 Power Supply Inspection                                   |
|            | subsequent alarm?   | ✓         | Fused with mfgs marked rating of the system?                  |
| Na         | Alarm signal silence automatic cut-out timer?                 |           | Adequate to meet the requirements of the system?              |
|            | Audible visual and alert and alarm signals programmed         |           | 2.8 Remote Trouble Signal Unit Test and Inspection            |
|            | and operate as per design & specification. (app C)            | Na        | Input wiring form control/transponder is supervised?          |
| ✓          | Input circuit alarm and supervisory operation including       | Na        | Visual trouble signal operates?                               |
|            | audible and visual indication operates?                       | Na        | Audible trouble signal operates?                              |
| ✓          | Input circuit supervision fault causes a trouble indication?  | Na        | Audible trouble signal silence operates?                      |
| <b>√</b>   | Output circuit alarm indicators operate?                      |           | 2.5 Emergency Power Supply Test and Inspection                |
| <b>√</b>   | Output circuit supervision fault causes a trouble indication? | ✓         | Correct battery type as recommend by manufacturer?            |
| <b>√</b>   | Visual indicator test (lamp test)?                            | <u> ✓</u> | Correct rating as determined by battery calculations          |
| Na         | Coded signal sequence operates not less than the required     |           | based on full system load?                                    |
|            | number of times and the correct alarm signal thereafter.      | ✓         | Battery voltage main power on? _26.73/26.45 Vdc?              |
| Na         | Coded signal sequences are not interrupted by                 | <b>√</b>  | Battery voltage and current with main power supply "off"      |
|            | subsequent alarms?  |           | and fire alarm in supervisory condition?                      |
| Na         | Ancillary circuit by-pass will result in a trouble signal?    |           | Voltage _26.0/25.9DC Current0.31/0.33A                        |
| <u> </u>   | Input circuit to output circuit operation including           | _ ✓       | Battery voltage and current with main power supply "off"      |
|            | ancillary device circuits, for correct program operation      |           | and fire alarm in full load alarm condition?                  |
| ,          | as per design & spec. (App "C")                               |           | voltage25.4/25.3Vdc Current0.33/2.69A                         |
| <u>√</u>   | Fire alarm Reset operates?                                    | <u>√</u>  | Charging current is1.80/0.93A                                 |
| <b>√</b>   | Main power to emergency power supply transfer operates?       | <b>√</b>  | Inspected for physical damage?                                |
| Na         | Status change confirmation (smoke detectors) verified         | <b>✓</b>  | Terminal cleaned and lubricated?                              |
| Na         | Receipt of alarm transmission to signal receiving center?     | <b>✓</b>  | Terminals clamped tightly?                                    |
| Na         | Receipt of supervisory trans to signal receiving center?      | Na        | Correct Electrolyte level?                                    |
| Na         | Receipt of trouble transmission to signal receiving center?   | Na        | Specific gravity within mfg specifications?                   |
| Na         | Operation of the fire signal receiving center disconnect      | Na        | Electrolyte leaks?  |
|            | results in a specific trouble indication at control unit?     | <u>√</u>  | Adequately ventilated?  |
|            | 2.3 Control Unit or Transponder Inspection                    | <u>√</u>  | Battery mfg's date code or in-service date:2017               |
|            | Input circuit designations, correctly identified in relation  |           | Disconnection causes trouble signal?                          |
| ,          | to connected field devices                                    | <u>Na</u> | Indicate type of Battery Test Performed?                      |
|            | Output circuit designations correctly identified in relation  | <u>Na</u> | (1) supervisory load for 24h followed by full load operation. |
| ,          | to connected field devices.                                   | <u>Na</u> | (2) silent test by using load resister method -App F1         |
| <u>√</u>   | Correct designations-common control functions / indicators    | Na        | (3) Silent accelerated test – App F2                          |
| <u>√</u>   | Plugin components and modules securely in place?              | Na        | (4) A battery capacity meter test App F3                      |
|            | Plugin cables securely in place                               | Na        | (5) In lieu of battery tests, replace with new set            |
| Na         | Record date, revision and version of Firmware & software      | _         | having current date code, as per mfg                          |
| Na         | Date:   | <b>√</b>  | Record calculated battery capacity App F4_18 / 26A h          |
| <u> </u>   | Clean and free of dust and dirt?                              | <u>√</u>  | Record battery terminal voltage after testsV dc               |
| <u> </u>   | Fuses in accordance with MFGs specification?                  | <b>√</b>  | Battery voltage not less than 85% of its rating after tests.  |
| <b>√</b>   | Control Unit or transponder lock functional?                  | ✓         | Generator provides power to the AC circuit for FA syst.       |

Inspection and Testing of Fire Alarm Systems
Building Name: Mission Minimum – Duty Office Date: July 2017

| "√"Y      | Yes - Tested correctly "X" No - Did not test correctly (Ex   | plain NO   |                           |                                       |
|-----------|--|------------|---------------------------|---------------------------------------|
|           | 2.5 Emergency Power Supply Test and Inspection               |            | Annunciation of the fa    | ult and operation outside the shorted |
| Na        | Trouble condition at the em gen shall result in an audible   |            | section between each p    | pair of:                              |
|           | common trouble signal and a visual indication at the         | Na         | (i) Control unit to cont  | trol unit                             |
|           | required annunciator?  | Na         | (ii) Control unit to trar | nsponder                              |
|           | 2.7 Annunciator or Sequential Displays                       | Na         | (iii)Transponder to tra   | •                                     |
| Na        | Power on indicator operates?                                 |            |                           | ation Inspection/Tests                |
| Na        | Individual alarm, supervisory zone indication operates.      | Na         | Power "ON" operates?      |                                       |
| Na        | (Exception: operation of each individual alarm and           | Na         | Common visual troubl      |                                       |
|           | supervisory zone indication, or lights the identical         | Na         | Common audible troub      |                                       |
|           | indicators at the other annunciators and sequential display) | Na         | Trouble signal silence    |                                       |
|           |  | Na         |                           | ncluding visual indicator operates?   |
|           | Specify method of confirmation                               | Na         |                           |                                       |
| NI.       |  | <u> Na</u> | -                         | ective voice paging including visual  |
| <u>Na</u> | Minimum of 1 alarm zone and one supervisory zone tested      | NT.        | indication operates?      |                                       |
|           | per annunciator or sequential display to confirm operation.  | Na         |                           | ective voice paging trouble operation |
| Na<br>Na  | Individual alarm and supervisory zone labels identified.     |            | including visual indica   |                                       |
| <u>Na</u> | Common trouble signal operates?                              | Na<br>Na   |                           | press to talk switch operates?        |
| Na        | Visual indicator test (lamp test) operates?                  | Na         |                           | ging does interfere with initial      |
| Na        | Input wiring form control unit/transponder supervised        |            | inhibit time of alert an  |                                       |
| Na        | Alarm signal silence visual indicator operates?              | Na         |                           | operates on emergency power?          |
| na        | Switches for ancillary function operate as per design?       | Na         |                           | nplifier, system automatically        |
| Na        | Other ancillary functions visual indicators operate?         |            | transfers to backup am    | -                                     |
| Na        | Manual activation of alarm signal and indication operate?    | Na         |                           | y telephone call in operation         |
| Na        | Displays are visible in installed location?                  |            | including audible and     | visual indication operates            |
|           | 2.9 Printer Testing  | Na         |                           | y telephone for operation, including  |
| Na        | Operation as per design and specification?                   |            | two-way voice commu       | inication operates?                   |
| Na        | Zone of each alarm initiating device is correctly printed?   | Na         | Circuits for emergency    | y telephones trouble operation        |
| Na        | Rated voltage is present?                                    |            | including visual indica   | ation operates?                       |
|           | 2.10 Data Communication Link Test (DCL)                      | Na         | Emergency telephone       | verbal communication operates?        |
| Na        | Confirm that a trouble signal is receive at the control unit | Na         | Emergency telephone       | operable or in-use tone at handset.   |
|           | or transponder under an open loop fault for each DCL         |            |                           |                                       |
| Na        | Where fault isolation modules are installed in DCL serving   |            |                           |                                       |
|           | field devices, wiring shall be shorted on the isolated side, |            | 2.11 Ancillary Device     | e Circuit Test                        |
|           | annunciation of the fault confirmed, and then a field        | Na         | Circuit –                 | confirmed                             |
|           | device on the source side shall be operated, and activation  | Na         | Circuit –                 | confirmed                             |
|           | confirmed at the control unit or transponder.                | Na         | Circuit -                 | confirmed                             |
| Na        | Where a fault isolation in DCL is provided between           | Na         | Circuit -                 | confirmed                             |
|           | control units/transponders and between                       |            |                           |                                       |
| Na        | Transponders, introduce a short circuit fault and confirm    |            |                           |                                       |
| -         | Continued  |            |                           |                                       |
| -         |  |            |                           |                                       |
|           |  |            |                           |                                       |
| Additio   | onal Comments:   |            |                           |                                       |
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|           |  |            |                           |                                       |

|  |   | Date of Service:             | Time:                  |                              |  |  |  |
|--|---|------------------------------|------------------------|------------------------------|--|--|--|
|  | ELITE   | July 2017 Annual In          |                        | Last Service Date: July 2016 |  |  |  |
|  | FURE  | Single Stage                 | Two Stage              | Direct Connection            |  |  |  |
| Unit 1 3   | PROTECTION LTD  3605 Maclure Road, Abbotsford, BC, V2S-7W2  |                              |                        | ☐ yes ☐ no                   |  |  |  |
| Omt 1 – 3  | Office – 1-877-850-0014   | Manufacturer:<br>Edwards     |                        |                              |  |  |  |
| Building Name  |   | Contact Person:              | EST<br>Phone:          |                              |  |  |  |
| Mission Minim<br>Address:  | um – Gym  | Scott Verwold Owner:         | 604-820-5758<br>Phone: |                              |  |  |  |
| 33737 Dewdney  |   | Corrections Canada           | 604-820-5758           |                              |  |  |  |
| City:<br>Mission   | Postal Code:  | Fire Signal Receiving Cer    | ntre:                  | Phone:<br>Acct:              |  |  |  |
| "Yes"- Acceptable "No" - Unacceptable (Explain No answers in comments)  Yes No Summary |   |                              |                        |                              |  |  |  |
|  |   | ,J                           |                        |                              |  |  |  |
|  | The entire fire alarm system has been inspected and tested in accordance with CAN/ULC S536  |                              |                        |                              |  |  |  |
|  | The fire alarm system documentation is on site and includes a description of the system.  |                              |                        |                              |  |  |  |
|  | The fire alarm system is fully functional.  |                              |                        |                              |  |  |  |
|  | The fire alarm system has deficiencies noted.   |                              |                        |                              |  |  |  |
|  | A copy of this report is given to the Owner or the  | owner's representative.      |                        |                              |  |  |  |
|  | Technicians After-tes   | t Charlist                   |                        | 7                            |  |  |  |
|  | NA Reconnect time limit or  |                              |                        |                              |  |  |  |
|  | Reconnect ancillary fur   |                              |                        | =                            |  |  |  |
|  |   | nctions (off site connection | ons)?                  |                              |  |  |  |
|  | Reconnect signal power  |                              |                        |                              |  |  |  |
|  | <u> </u>  | the testing is completed?    | ?                      |                              |  |  |  |
|  | Ensure that the alarm s   | ystem is functional?         |                        |                              |  |  |  |
|  |   |                              |                        |                              |  |  |  |
| Comme  | nts   |                              |                        |                              |  |  |  |
|  |   |                              |                        |                              |  |  |  |
|  |   |                              |                        |                              |  |  |  |
|  | SEE DEFIC   | CIENCY REPORT                |                        |                              |  |  |  |
|  |   |                              |                        |                              |  |  |  |
|  |   |                              |                        |                              |  |  |  |
|  |   |                              |                        |                              |  |  |  |
|  |   |                              |                        |                              |  |  |  |
|  | formation on this form is correct at the time and place of my inspequirements and at this time was left in operational condition upon |                              |                        |                              |  |  |  |
|  | Allen Amy – FP0669  |                              |                        |                              |  |  |  |

July 2017

Date

7:00am Time

Matthew Kowalenko – FP1093

Technician Stamp

Date: July 2017 Building Name: Mission Minimum – Gym

" $\sqrt{}$ " Yes - Tested correctly "X" No - Did not test correctly (Explain NO answers in comments) "NA" Not applicable

| 2.1                       | Control Unit or Transponder Tests                             | <u> </u>      | Termination points from wiring to field devices secure        |
|---------------------------|---|---------------|---|
| <b>✓</b>                  | Power on visual indicator operates?                           |               | 2.6 Annunciator & Remote Trouble Test & Inspection            |
|                           | Common visual trouble signal operates?                        | Na            | Power on indicator operates?                                  |
|                           | Common audible trouble signal operates?                       | Na            | Individual alarm and supervisory input zone clearly           |
|                           | Trouble signal silence switch operates?                       | Na            | indicated and separately designated?                          |
|                           | Main Power supply failure trouble signal operates?            | Na            | Individual alarm and supervisory zone labels identified?      |
|                           | Ground fault tested on positive and negative trouble signal   | Na            | Common trouble signal operates?                               |
| Na                        | Alert signal operation operates?                              | Na            | Visual indicator test - Lamp test operates?                   |
|                           | Alarm signal operation operates?                              | Na            | Input wiring from control unit/transponder is supervised?     |
| Na                        | Automatic transfer from alert to alarm signal operates?       | Na            | Alarm signal silence visual indicator operates?               |
| Na                        | Manual transfer from alert signal to alarm signal operates?   | Na            | Switches for ancillary function operate as per design?        |
| Na                        | Auto transfer from alert to alarm signal cancel operates      | Na            | Other ancillary function visual indicators operate?           |
| Na                        | Alarm signal silence inhibit function operates?               | Na            | Manual activation of alarm signal and indication operates?    |
| $\overline{\hspace{1cm}}$ | Alarm signal manual silence operates?                         | Na            | Displays are visible in installed location operates?          |
| $\overline{\hspace{1cm}}$ | Alarm signal silence visual indication operates?              | Na            | Operates on emergency power?                                  |
| $\overline{\hspace{1cm}}$ | Alarm signal when silenced automatically reinitiates on       |               | 2.4 Power Supply Inspection                                   |
|                           | subsequent alarm?   | ✓             | Fused with mfgs marked rating of the system?                  |
| Na                        | Alarm signal silence automatic cut-out timer?                 | $\overline{}$ | Adequate to meet the requirements of the system?              |
|                           | Audible visual and alert and alarm signals programmed         |               | 2.8 Remote Trouble Signal Unit Test and Inspection            |
|                           | and operate as per design & specification. (app C)            | Na            | Input wiring form control/transponder is supervised?          |
| ✓                         | Input circuit alarm and supervisory operation including       | Na            | Visual trouble signal operates?                               |
|                           | audible and visual indication operates?                       | Na            | Audible trouble signal operates?                              |
| ✓                         | Input circuit supervision fault causes a trouble indication?  | Na            | Audible trouble signal silence operates?                      |
|                           | Output circuit alarm indicators operate?                      |               | 2.5 Emergency Power Supply Test and Inspection                |
|                           | Output circuit supervision fault causes a trouble indication? | ✓             | Correct battery type as recommend by manufacturer?            |
|                           | Visual indicator test (lamp test)?                            | <u>√</u>      | Correct rating as determined by battery calculations          |
| Na                        | Coded signal sequence operates not less than the required     | -             | based on full system load?                                    |
|                           | number of times and the correct alarm signal thereafter.      | ✓             | Battery voltage main power on? _269 Vdc?                      |
| Na                        | Coded signal sequences are not interrupted by                 | <b>√</b>      | Battery voltage and current with main power supply "off"      |
|                           | subsequent alarms?  |               | and fire alarm in supervisory condition?                      |
| Na                        | Ancillary circuit by-pass will result in a trouble signal?    |               | Voltage _25.34DC Current0.04A                                 |
| <u> </u>                  | Input circuit to output circuit operation including           | ✓             | Battery voltage and current with main power supply "off"      |
|                           | ancillary device circuits, for correct program operation      |               | and fire alarm in full load alarm condition?                  |
|                           | as per design & spec. (App "C")                               |               | voltage25.1Vdc Current _0.22A                                 |
| <u>✓</u>                  | Fire alarm Reset operates?                                    | ✓             | Charging current is0.37A                                      |
| <u> </u>                  | Main power to emergency power supply transfer operates?       | ✓             | Inspected for physical damage?                                |
| Na                        | Status change confirmation (smoke detectors) verified         | ✓             | Terminal cleaned and lubricated?                              |
| Na                        | Receipt of alarm transmission to signal receiving center?     | ✓             | Terminals clamped tightly?                                    |
| Na                        | Receipt of supervisory trans to signal receiving center?      | Na            | Correct Electrolyte level?                                    |
| Na                        | Receipt of trouble transmission to signal receiving center?   | Na            | Specific gravity within mfg specifications?                   |
| Na                        | Operation of the fire signal receiving center disconnect      | Na            | Electrolyte leaks?  |
|                           | results in a specific trouble indication at control unit?     | _ ✓           | Adequately ventilated?  |
|                           | 2.3 Control Unit or Transponder Inspection                    | _ ✓           | Battery mfg's date code or in-service date:2017               |
| _                         | Input circuit designations, correctly identified in relation  | <b>✓</b>      | Disconnection causes trouble signal?                          |
|                           | to connected field devices                                    | Na            | Indicate type of Battery Test Performed?                      |
| _                         | Output circuit designations correctly identified in relation  | Na            | (1) supervisory load for 24h followed by full load operation. |
|                           | to connected field devices.                                   | Na            | (2) silent test by using load resister method -App F1         |
|                           | Correct designations-common control functions / indicators    | Na            | (3) Silent accelerated test – App F2                          |
|                           | Plugin components and modules securely in place?              | Na            | (4) A battery capacity meter test App F3                      |
|                           | Plugin cables securely in place                               | Na            | (5) In lieu of battery tests, replace with new set            |
| Na                        | Record date, revision and version of Firmware & software      | _             | having current date code, as per mfg                          |
| Na                        | Date: Rev: Ver:   | <b>✓</b>      | Record calculated battery capacity App F44.5A h               |
|                           | Clean and free of dust and dirt?                              | ✓             | Record battery terminal voltage after testsV dc               |
|                           | Fuses in accordance with MFGs specification?                  | ✓             | Battery voltage not less than 85% of its rating after tests.  |
| ✓                         | Control Unit or transponder lock functional?                  | ✓ _           | Generator provides power to the AC circuit for FA syst.       |

Inspection and Testing of Fire Alarm Systems
Building Name: Mission Minimum – Gym Date: July 2017

| "√"Y      | Yes - Tested correctly "X" No - Did not test correctly (Ex   | plain NO   |                           |                                       |
|-----------|--|------------|---------------------------|---------------------------------------|
|           | 2.5 Emergency Power Supply Test and Inspection               |            | Annunciation of the fa    | ult and operation outside the shorted |
| Na        | Trouble condition at the em gen shall result in an audible   |            | section between each p    | pair of:                              |
|           | common trouble signal and a visual indication at the         | Na         | (i) Control unit to cont  | trol unit                             |
|           | required annunciator?  | Na         | (ii) Control unit to trar | nsponder                              |
|           | 2.7 Annunciator or Sequential Displays                       | Na         | (iii)Transponder to tra   | •                                     |
| Na        | Power on indicator operates?                                 |            |                           | ation Inspection/Tests                |
| Na        | Individual alarm, supervisory zone indication operates.      | Na         | Power "ON" operates?      |                                       |
| Na        | (Exception: operation of each individual alarm and           | Na         | Common visual troubl      |                                       |
|           | supervisory zone indication, or lights the identical         | Na         | Common audible troub      |                                       |
|           | indicators at the other annunciators and sequential display) | Na         | Trouble signal silence    |                                       |
|           |  | Na         |                           | ncluding visual indicator operates?   |
|           | Specify method of confirmation                               | Na         |                           |                                       |
| NI.       |  | <u> Na</u> | -                         | ective voice paging including visual  |
| <u>Na</u> | Minimum of 1 alarm zone and one supervisory zone tested      | NT.        | indication operates?      |                                       |
|           | per annunciator or sequential display to confirm operation.  | Na         |                           | ective voice paging trouble operation |
| Na<br>Na  | Individual alarm and supervisory zone labels identified.     |            | including visual indica   |                                       |
| <u>Na</u> | Common trouble signal operates?                              | Na<br>Na   |                           | press to talk switch operates?        |
| Na        | Visual indicator test (lamp test) operates?                  | Na         |                           | ging does interfere with initial      |
| Na        | Input wiring form control unit/transponder supervised        |            | inhibit time of alert an  |                                       |
| Na        | Alarm signal silence visual indicator operates?              | Na         |                           | operates on emergency power?          |
| na        | Switches for ancillary function operate as per design?       | Na         |                           | nplifier, system automatically        |
| Na        | Other ancillary functions visual indicators operate?         |            | transfers to backup am    | -                                     |
| Na        | Manual activation of alarm signal and indication operate?    | Na         |                           | y telephone call in operation         |
| Na        | Displays are visible in installed location?                  |            | including audible and     | visual indication operates            |
|           | 2.9 Printer Testing  | Na         |                           | y telephone for operation, including  |
| Na        | Operation as per design and specification?                   |            | two-way voice commu       | inication operates?                   |
| Na        | Zone of each alarm initiating device is correctly printed?   | Na         | Circuits for emergency    | y telephones trouble operation        |
| Na        | Rated voltage is present?                                    |            | including visual indica   | ation operates?                       |
|           | 2.10 Data Communication Link Test (DCL)                      | Na         | Emergency telephone       | verbal communication operates?        |
| Na        | Confirm that a trouble signal is receive at the control unit | Na         | Emergency telephone       | operable or in-use tone at handset.   |
|           | or transponder under an open loop fault for each DCL         |            |                           |                                       |
| Na        | Where fault isolation modules are installed in DCL serving   |            |                           |                                       |
|           | field devices, wiring shall be shorted on the isolated side, |            | 2.11 Ancillary Device     | e Circuit Test                        |
|           | annunciation of the fault confirmed, and then a field        | Na         | Circuit –                 | confirmed                             |
|           | device on the source side shall be operated, and activation  | Na         | Circuit –                 | confirmed                             |
|           | confirmed at the control unit or transponder.                | Na         | Circuit -                 | confirmed                             |
| Na        | Where a fault isolation in DCL is provided between           | Na         | Circuit -                 | confirmed                             |
|           | control units/transponders and between                       |            |                           |                                       |
| Na        | Transponders, introduce a short circuit fault and confirm    |            |                           |                                       |
| -         | Continued  |            |                           |                                       |
| -         |  |            |                           |                                       |
|           |  |            |                           |                                       |
| Additio   | onal Comments:   |            |                           |                                       |
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|           |  |            |                           |                                       |

|                                  |  |                                    | Date of S          |                      | Time:                  |                                 |  |
|----------------------------------|--|------------------------------------|--------------------|----------------------|------------------------|---------------------------------|--|
|                                  | ELLI   | E                                  | July 201           | Annual Insp          | 7:00am<br>ection       | Last Service Date:<br>July 2016 |  |
|                                  | FURE   |                                    | Sin                | gle Stage            | Two Stage              | Direct Connection               |  |
| Unit 1 – 33                      | PROTECTION 3605 Maclure Road, Abbot  |                                    |                    |                      | ☐ yes ☐no              |                                 |  |
|                                  | Office – 1-877-850-0   | 0014                               | Manufac<br>Edwards | <u> </u>             | Model #<br>EST-3       |                                 |  |
| Building Name:<br>Mission Minimu | m I II24   |                                    | Contact Scott Ver  |                      | Phone:<br>604-820-5758 |                                 |  |
| Address:                         | III - LU24   |                                    | Owner:             | word                 |                        | Phone:                          |  |
| 33737 Dewdney                    |  | 410.1                              |                    | ons Canada           |                        | 604-820-5758                    |  |
| City:<br>Mission                 | Po   | ostal Code:                        | Fire Sig           | nal Receiving Centre | Phone:<br>Acct:        |                                 |  |
| "Ves"- Acc                       | eptable "No" - Unaccepta   | able (Evnlain No answ              | vers in com        | ments)               |                        | ·                               |  |
| Yes No                           | ериане 110 - опассери<br>  |                                    | Summary            | incircs)             |                        |                                 |  |
| 100   110                        |  |                                    |                    |                      |                        |                                 |  |
|                                  | The entire fire alarm system has been inspected and tested in accordance with CAN/ULC S536 |                                    |                    |                      |                        |                                 |  |
|                                  | The fire alarm system documentation is on site and includes a description of the system.   |                                    |                    |                      |                        |                                 |  |
|                                  | The fire alarm system is fully functional.   |                                    |                    |                      |                        |                                 |  |
|                                  | The fire alarm system has deficiencies noted.  |                                    |                    |                      |                        |                                 |  |
|                                  | A copy of this report is g   | iven to the Owner or the           | e owner's re       | epresentative.       |                        |                                 |  |
|                                  |  | The short state of A Change A      | -4 Ch - 11'        | 4                    |                        |                                 |  |
|                                  | NA   | Technicians After-te               |                    | St                   |                        |                                 |  |
|                                  | XX   | Reconnect ancillary for            |                    |                      |                        |                                 |  |
|                                  | NA   | Reconnect ancillary for            |                    | f site connections)  | ?                      |                                 |  |
|                                  | $\boxtimes$  | Reconnect signal pow               | ver?               | <u> </u>             |                        |                                 |  |
|                                  |  | Advise fire department             |                    | •                    |                        |                                 |  |
|                                  |  | Ensure that the alarm              | system is fu       | ınctional?           |                        |                                 |  |
|                                  |  |                                    |                    |                      |                        |                                 |  |
| Comme                            | nts  |                                    |                    |                      |                        |                                 |  |
|                                  |  |                                    |                    |                      |                        |                                 |  |
|                                  |  |                                    |                    |                      |                        |                                 |  |
|                                  |  | SEE DEFI                           | ICIENCY            | REPORT               |                        |                                 |  |
|                                  |  |                                    |                    |                      |                        |                                 |  |
|                                  |  |                                    |                    |                      |                        |                                 |  |
|                                  |  |                                    |                    |                      |                        |                                 |  |
|                                  |  |                                    |                    |                      |                        |                                 |  |
|                                  | formation on this form is correct a quirements and at this time was le                     |                                    |                    |                      |                        |                                 |  |
|                                  | Allen Amy – FP0669   |                                    |                    |                      |                        |                                 |  |
| Mat                              |  | Matthew Kowalenko – FP1093 July 20 |                    |                      |                        |                                 |  |

Time

Date

Technician Stamp

Date: July 2017 Building Name: Mission Minimum – LU24

" $\sqrt{}$ " Yes - Tested correctly "X" No - Did not test correctly (Explain NO answers in comments) "NA" Not applicable

| 2.1      | <u>*</u>  |                           | Termination points from wiring to field devices secure        |
|----------|---|---------------------------|---|
| _ ✓      | Power on visual indicator operates?                           |                           | 2.6 Annunciator & Remote Trouble Test & Inspection            |
| ~        | Common visual trouble signal operates?                        | ✓                         | Power on indicator operates?                                  |
| <b>→</b> | Common audible trouble signal operates?                       |                           | Individual alarm and supervisory input zone clearly           |
| <b>→</b> | Trouble signal silence switch operates?                       |                           | indicated and separately designated?                          |
| _ ✓      | Main Power supply failure trouble signal operates?            |                           | Individual alarm and supervisory zone labels identified?      |
| <b>√</b> | Ground fault tested on positive and negative trouble signal   | $\overline{\hspace{1cm}}$ | Common trouble signal operates?                               |
|          | Alert signal operation operates?                              |                           | Visual indicator test - Lamp test operates?                   |
| <b>√</b> | Alarm signal operation operates?                              | $\overline{\hspace{1cm}}$ | Input wiring from control unit/transponder is supervised?     |
| ✓        | Automatic transfer from alert to alarm signal operates?       | $\overline{\hspace{1cm}}$ | Alarm signal silence visual indicator operates?               |
| _ ✓      |   | Na                        | Switches for ancillary function operate as per design?        |
| <b>√</b> | Auto transfer from alert to alarm signal cancel operates      | Na                        | Other ancillary function visual indicators operate?           |
| <b>√</b> | Alarm signal silence inhibit function operates?               |                           | Manual activation of alarm signal and indication operates?    |
|          | Alarm signal manual silence operates?                         |                           | Displays are visible in installed location operates?          |
| <b>√</b> |   | <b>√</b>                  | Operates on emergency power?                                  |
| <b>√</b> |   | -                         | 2.4 Power Supply Inspection                                   |
| -        | subsequent alarm?   | ✓                         | Fused with mfgs marked rating of the system?                  |
| Na       | -   |                           | Adequate to meet the requirements of the system?              |
| <b>√</b> | Audible visual and alert and alarm signals programmed         | -                         | 2.8 Remote Trouble Signal Unit Test and Inspection            |
|          | and operate as per design & specification. (app C)            | Na                        | Input wiring form control/transponder is supervised?          |
| ✓        | Input circuit alarm and supervisory operation including       | Na                        | Visual trouble signal operates?                               |
|          | audible and visual indication operates?                       | Na                        | Audible trouble signal operates?                              |
| ✓        | Input circuit supervision fault causes a trouble indication?  | Na                        | Audible trouble signal silence operates?                      |
| <b>√</b> | Output circuit alarm indicators operate?                      | -                         | 2.5 Emergency Power Supply Test and Inspection                |
| <b>√</b> | Output circuit supervision fault causes a trouble indication? | ✓                         | Correct battery type as recommend by manufacturer?            |
| <b>√</b> | Visual indicator test (lamp test)?                            | <u> </u>                  | Correct rating as determined by battery calculations          |
| Na       |   | -                         | based on full system load?                                    |
|          | number of times and the correct alarm signal thereafter.      | ✓                         | Battery voltage main power on? _26.8 Vdc?                     |
| Na       |   |                           | Battery voltage and current with main power supply "off"      |
|          | subsequent alarms?  | -                         | and fire alarm in supervisory condition?                      |
| ✓        | Ancillary circuit by-pass will result in a trouble signal?    |                           | Voltage _25.0 DC Current 0.58 A                               |
| ✓        | Input circuit to output circuit operation including           | ✓                         | Battery voltage and current with main power supply "off"      |
|          | ancillary device circuits, for correct program operation      |                           | and fire alarm in full load alarm condition?                  |
|          | as per design & spec. (App "C")                               |                           | voltage25.2Vdc Current _0.64A                                 |
| ✓        | Fire alarm Reset operates?                                    | <b>✓</b>                  | Charging current is2.71A                                      |
| ✓        | Main power to emergency power supply transfer operates?       | <u> </u>                  | Inspected for physical damage?                                |
| Na       | Status change confirmation (smoke detectors) verified         | <u> </u>                  | Terminal cleaned and lubricated?                              |
| Na       | Receipt of alarm transmission to signal receiving center?     | <b>√</b>                  | Terminals clamped tightly?                                    |
| Na       | Receipt of supervisory trans to signal receiving center?      | Na                        | Correct Electrolyte level?                                    |
| Na       | Receipt of trouble transmission to signal receiving center?   | Na                        | Specific gravity within mfg specifications?                   |
| Na       | Operation of the fire signal receiving center disconnect      | Na                        | Electrolyte leaks?  |
|          | results in a specific trouble indication at control unit?     | ✓                         | Adequately ventilated?  |
|          | 2.3 Control Unit or Transponder Inspection                    | ✓                         | Battery mfg's date code or in-service date:2016               |
| ✓        | Input circuit designations, correctly identified in relation  | <b>√</b>                  | Disconnection causes trouble signal?                          |
|          | to connected field devices                                    | Na                        | Indicate type of Battery Test Performed?                      |
| <b>√</b> | Output circuit designations correctly identified in relation  | Na                        | (1) supervisory load for 24h followed by full load operation. |
|          | to connected field devices.                                   | Na                        | (2) silent test by using load resister method -App F1         |
| ✓        | Correct designations-common control functions / indicators    | Na                        | (3) Silent accelerated test – App F2                          |
| <b>√</b> | Plugin components and modules securely in place?              | Na                        | (4) A battery capacity meter test App F3                      |
|          | Plugin cables securely in place                               | Na                        | (5) In lieu of battery tests, replace with new set            |
| Na       |   |                           | having current date code, as per mfg                          |
| Na       |   | <b>✓</b>                  | Record calculated battery capacity App F47.2A h               |
| ✓        | Clean and free of dust and dift.                              | <b>✓</b>                  | Record battery terminal voltage after testsV dc               |
| <b>√</b> | Fuses in accordance with MFGs specification?                  | <u>√</u>                  | Battery voltage not less than 85% of its rating after tests.  |
| <u> </u> | Control Unit or transponder lock functional?                  | ✓                         | Generator provides power to the AC circuit for FA syst.       |

Inspection and Testing of Fire Alarm Systems
Building Name: Mission Minimum – LU-24 Date: July 2017

|    | es - Tested correctly "X" No - Did not test correctly (Ex 2.5 Emergency Power Supply Test and Inspection |  |  | It and operation outside the shorted      |  |
|----|--|--|--|---|--|
| Na | Trouble condition at the em gen shall result in an audible   |  | section between each pa                                |   |  |
|    | common trouble signal and a visual indication at the   | Na   | (i) Control unit to control                            |   |  |
|    | required annunciator?  | Na   | (ii) Control unit to trans                             |   |  |
|    | 2.7 Annunciator or Sequential Displays   | Na   | (iii)Transponder to trans                              | -   |  |
| Na |  |  | _  | -   |  |
|    | Power on indicator operates?   | 2.2 Voice Communication Inspection/Tests         |  |   |  |
| Na | Individual alarm, supervisory zone indication operates.  | Na<br>Na   | ·  |   |  |
| Na | (Exception: operation of each individual alarm and   | Na<br>Na   |  |   |  |
|    |  |  | Common audible trouble                                 |   |  |
|    | indicators at the other annunciators and sequential display)   | <u>Na</u>  | Trouble signal silence switch operates?                |   |  |
|    | Specify method of confirmation   | Na   | _  |   |  |
|    | · <del></del>  | Na   | _  | tive voice paging including visual        |  |
| Na | Minimum of 1 alarm zone and one supervisory zone tested  |  | indication operates?                                   |   |  |
|    | per annunciator or sequential display to confirm operation.  | Na   |  |   |  |
| Na | Individual alarm and supervisory zone labels identified.   |  | including visual indication operates?                  |   |  |
| Na | Common trouble signal operates?  | Na   | Microphone including press to talk switch operates?    |   |  |
| Na | Visual indicator test (lamp test) operates?  | Na   | Operation of voice paging does interfere with initial  |   |  |
| Na | Input wiring form control unit/transponder supervised  |  | inhibit time of alert and alarm signal?                |   |  |
| Na | Alarm signal silence visual indicator operates?  | Na   | All call voice paging op                               | voice paging operates on emergency power? |  |
| na | Switches for ancillary function operate as per design?   | Na   | Na Upon failure of one amplifier, system automatically |   |  |
| Na | Other ancillary functions visual indicators operate?   |  | transfers to backup amplifier.                         |   |  |
| Na | Manual activation of alarm signal and indication operate?  | Na   |  |   |  |
| Na | Displays are visible in installed location?  | including audible and visual indication operates |  |   |  |
|    | 2.9 Printer Testing  | Na   | -  |   |  |
| Na | Operation as per design and specification?   |  | two-way voice communication operates?                  |   |  |
| Na | Zone of each alarm initiating device is correctly printed?   | Na   |  |   |  |
| Na | Rated voltage is present?  |  | including visual indication operates?                  |   |  |
|    | 2.10 Data Communication Link Test (DCL)  | Na   | Na Emergency telephone verbal communication operates?  |   |  |
| Na | Confirm that a trouble signal is receive at the control unit   | Na   |  |   |  |
|    | or transponder under an open loop fault for each DCL   |  |  |   |  |
| Na | Where fault isolation modules are installed in DCL serving   |  |  |   |  |
|    | field devices, wiring shall be shorted on the isolated side,   |  | 2.11 Ancillary Device Circuit Test                     |   |  |
|    | annunciation of the fault confirmed, and then a field  | Na   | Circuit –  | confirmed                                 |  |
|    | device on the source side shall be operated, and activation  | Na   | Circuit –  | confirmed                                 |  |
|    | confirmed at the control unit or transponder.  | Na   | Circuit –  | confirmed                                 |  |
| Na | Where a fault isolation in DCL is provided between   | Na   | Circuit –  | confirmed                                 |  |
|    | control units/transponders and between   |  |  | <b>Commission</b>                         |  |
| Na | Transponders, introduce a short circuit fault and confirm  |  |  |   |  |
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