SAFE BLU
Strathmore, AB.
Ph: 934 9387 Fax: 934 9344

FIRE ALARM SYSTEM ANNUAL TEST AND INSPECTION REPORT

DATE: JULY 11, 2014

BUILDING NAME: GLEICHEN RCMP

ADDRESS: 508 4TH AVENUE , GLIECHEN AB.

COMPANY: SAME

CONTACT PERSON:

TELEPHONE NO: 403 734 3056

SYSTEM MANUFACTURER: EST QUICKSTART MODEL NO: EST QS1

OPERATION: SINGLE STAGE: ☒ TWO STAGE: ☐

TEST RESULTS
(EVERY LINE MUST HAVE THE APPROPRIATE MARKING IN THE SPACE PROVIDED)

This is to certify that the Fire Alarm System has been tested and inspected in accordance with Section 5 periodic inspections and tests – daily and monthly; and Section 6, periodic inspections and tests – yearly, and these records document the results of testing performed.

1. The Fire Alarm System is now fully functional. Yes ☒ No ☐

OR

2. The Fire Alarm System has deficiencies noted on the pages attached. Yes ☐ No ☒

Comments:

SYSTEM IS NOT MONITORED
DIALER AND 2 LINE FAULTS ON PANEL

A copy of this report will be given to:

Ken MacLean	P0553	24-7 Fire & Electrical Services Ltd.
Signature of Technician	Technician's Certification Number	Company Name

PRE-TEST CHECKLIST		
1.	Is there a fire department interconnection?	Yes ☐ No ☒
	If yes, take necessary steps to alert central station/fire department, etc. **DO NOT USE THE FIRE DEPARTMENT EMERGENCY TELEPHONE NUMBER.** **(IN CALGARY USE THE NON-EMERGENCY PHONE NUMBER 264-1022)** Name of person contacted at the central station or fire department:	
	Name: ____ Title: ____ Phone No.: ____	
	Date and time fire alarm system is out of service: JULY 11, 2014 12:30 PM	
	Date and time fire alarm is back in service: JUL7 11, 2014 4:30 PM	
2.	Do you have auxiliary functions that can impair building functions such as elevator capture, fan shutdown, door holders, etc.?	Yes ☒ No ☐
2a.	Can these be disabled and tested by groups?	Yes ☒ No ☐
3.	Have building occupants been made aware of fire alarm testing?	Yes ☒ No ☐
4.	Has a pre-determined time been established for testing signaling devices?	Yes ☒ No ☐
5.	Have provisions been made for acquiring access to the secured areas of the building?	Yes ☒ No ☐
6.	Has an alternative plan been established to alert occupants and local fire department should an actual fire condition occur during testing?	Yes ☒ No ☐
7.	The fire alarm system has emergency power provided by:	AC Generator ☐ Rechargeable battery ☒

EVERY LINE MUST HAVE THE APPROPRIATE MARKING IN THE BOX PROVIDED

YES	NO	NOT APPLICABLE (NA)
Tested correctly	Did not test correctly (See Remarks Section)	Function or feature not provided on this fire alarm system.

ALARM SIGNAL TESTS	YES	NO	NA
All alarm signaling appliances sound simultaneously in the general alarm state powered by the emergency power supply (5 min. minimum duration).	☐	☐	☒
All audible alarm signals sound simultaneously in the evacuation alarm state powered by the emergency power supply (as per the Alberta Building Code 1990).	☐	☐	☒
Alarm signals are audible throughout the building.	☒	☐	☐
Visual alarm signals clearly indicate a visual alarm to all points in the visual alarm area when operated on normal power supply.	☒	☐	☐
Each audible and visual signaling device has been tested.	☒	☐	☐
NUMBER OF AUDIBLE / VISUAL DEVICES: 8			

CONTROL UNIT TESTS	YES	NO	NA
Power on Visual Indicator	☒	☐	☐
Common Visual Trouble Lamp	☒	☐	☐
Common Audible Trouble Signal	☒	☐	☐
Trouble Signal Silence Switch	☒	☐	☐
AC Power Failure Trouble	☒	☐	☐
Main Power Supply Failure Trouble Signal	☒	☐	☐
Ground Fault Tested on Positive and Negative Trouble Signal	☒	☐	☐
Control Panel Interconnection to Fire Department Confirmed	☐	☐	☒
Alert Signal Operation	☒	☐	☐
Alarm Signal Operation	☒	☐	☐
Automatic Transfer from Alert Signal to Alarm Signal	☒	☐	☐
Acknowledge Switch Operation	☒	☐	☐
Alarm Signal Silence Inhibit	☐	☒	☐
Alarm Signal Silence Operation	☒	☐	☐
Alarm Signal Silence Visual Indication	☒	☐	☐
Alarm Signal, when silenced, Automatically Reinitiate Upon Subsequent Alarm	☒	☐	☐
Alarm Signal Silence Automatic Cut – Out Timer	☐	☐	☒
Input Circuit, Alarm & Supervisory Operation Including Visual Indicator	☒	☐	☐
Input Circuit Trouble Operation	☒	☐	☐
Output Circuit Alarm Operation	☒	☐	☐
Output Circuit Trouble Operation	☒	☐	☐
Visual Indicator Test (Lamp Tests)	☒	☐	☐
Reset Operation	☒	☐	☐
Main Power Supply to Emergency Power Supply Transfer	☒	☐	☐
Control Panel Locked	☒	☐	☐
Control Unit Interconnection to Monitoring Station	☐	☒	☐
Monitoring Company Name and Phone #	NOT MONITORED		
Building System ID # and Pass Code ID #			

BATTERY TESTS		
Correct Battery Type as Recommended by Manufacturer	2 X	12V 18AH - NEW 2012
Correct Rating as Determined by Battery Calculations based on Full System Load	YES ☒ NO ☐	
Battery Voltage (AC Power On)	27.3	
Battery Charging Current (AC Power On)	200 MA – 540 MA	
Battery Voltage (AC Power Off - Supervisory Condition)	24.7V – 450 MA	
Battery Voltage (AC Power Off - General Alarm Condition) Full Load	24.1 V - 1.65 A	

BATTERY TESTS INSPECTIONS	YES	NO	NA
Battery Inspected for Physical Damage	☒	☐	☐
Battery Terminals Cleaned and Lubricated	☒	☐	☐
Battery Terminals Clamped Tightly	☒	☐	☐
Within Manufacturer's Rated Life Date Code	☒	☐	☐
Disconnection Causes Trouble Signal	☒	☐	☐

REMOTE TROUBLE UNIT	YES	NO	NA
Input Wiring from Control Unit is Supervised	☐	☐	☒
Visual Trouble Signal	☐	☐	☒
Audible Trouble Signal	☐	☐	☒
Audible Trouble Signal Silence	☐	☐	☒

POWER SUPPLY INSPECTION	YES	NO	NA
Fused in Accordance with Manufacturer's Marked Rating of the System	☒	☐	☐
Adequate to Meet the Requirements of the System	☒	☐	☐

ANNUNCIATOR TESTS	YES	NO	NA
Power On Indicator	☒	☐	☐
Individual Alarm & Supervisory Zone Indication	☒	☐	☐
Individual Alarm & Supervisory Zone Designation Labels are Properly Identified	☒	☐	☐
Common Trouble Signal	☒	☐	☐
Visual Indicator Test (Lamp Test)	☒	☐	☐
Input Wiring from Control Unit is Supervised	☒	☐	☐
Switches for Ancillary Functions Operate as Intended	☒	☐	☐
Alarm Signal Silence Visual Indicator	☒	☐	☐
Other Ancillary Functions Visual Indicators	☒	☐	☐
Manual Activation of Alarm Signal & Indication	☒	☐	☐

CONTROL UNIT INSPECTIONS	YES	NO	NA
Input Circuit Designations, Correctly Identified in Relation to Connected Field Devices	☒	☐	☐
Output Circuit Designations, Correctly Identified in Relation to Connected Field Devices	☒	☐	☐
Designations for Common Control Functions & Indicators	☒	☐	☐
Cabinet, Plug-In Components, Modules, and Cables Securely in Place	☒	☐	☐
Cleanliness	☒	☐	☐
Fuses in Accordance with Manufacturer's Specification	☒	☐	☐

ANCILLARY DEVICES If no ancillary devices are present check here ☐

TYPE OF DEVICE (List)	OPERATIONAL
	YES ☐ NO ☐
OFFICE TO CELL BLOCK DOOR MAG HOLDER	YES ☒ NO ☐
	YES ☐ NO ☐
	YES ☐ NO ☐
	YES ☐ NO ☐

***NOTE: Power supply *for* ancillary devices must not be from fire alarm power supply circuit.**

AFTER TEST CHECKLIST	YES	NO	NA
Reconnect Auxiliary Functions (off site connections)	☐	☐	☒
Reconnect Ancillary Functions	☒	☐	☐
Reconnect Time Limit Cutouts	☐	☐	☒
Ensure Fire Alarm System is on Normal Power	☒	☐	☐
Advise Building Management Work Is Completed	☒	☐	☐
Advise Fire Department Work Is Completed	☒	☐	☐
Ensure That the Alarm System Is Functional	☒	☐	☐

SUMMARY		
1.	The fire alarm system is now **FULLY** functional.	YES ☒ NO ☐
2.	The fire alarm system is operational with minor deficiencies as noted in this report.	YES ☒ NO ☐
3.	The fire alarm system has major deficiencies as noted in this report.	YES ☐ NO ☒
4.	A copy of this report will been given to: STAFF SGT GOLLAN	
BUILDING OWNER / BUILDING OWNER'S REPRESENTATIVE		

TEST AND MAINTENANCE CODES REQUIRE THAT THE BUILDING OWNER FOR A MINIMUM OF TWO YEARS MAINTAIN THIS RECORD.

DEVICE LEGEND

Bell	B	Pressure Switch	PS
Duct Smoke Detector	DS	Remote Relay	REL
Fire Phone	FP	Heat Detector, Rate of Rise	RHT
Sprinkler Flow Switch	FS	Smoke Detector	S
Horn	H	Smoke Alarm	SA
Horn/Strobe Combination	HS	Paging Speaker	SP
Heat Detector, Fixed Temperature	HT	Sprinkler Tamper Switch	TS
Manual Pull Station	M	Visual Appliance	V

TECHNICIANS REMARKS / DEFICIENCY FIRE ALARM / SPRINKLER SYSTEM

DIALER AND 2 LINE FAULTS ON PANEL
SYSTEM IS NOT MONITORED

EMERGENCY / EXIT LIGHTING:

FIRE EXTINGUISHERS / FIRE HOSES:

GLIECHEN RCMP
STRATHMORE, AB.

SAFE BLU

JULY 11 2014

FIRE ALARM DEVICE REPORT

LOCATION	DEVICE	Correctly Installed	Requires Repair	Alarm Operation	Annunciation Confirmed	Zone Circuit #	Ground Fault	Fire Switch	NOTES
MAIN FLOOR									
FRONT RECEPTION	M			✓		130			
FRONT HALLWAY RECEPTION	S			✓		046			
FRONT VESTIBULE	CR135			✓		036			
BULL PEN SOUTH	S			✓		039			
BULL PEN NORTH	S			✓		032			
GUARD ROOM 131	HT			✓		052			
INTERVIEW ROOM 109	HT			✓		035			
OFFICE CORRIDOR	M			✓		129			
OFFICE CORRIDOR NORTH	S			✓		033			
OFFICE CORRIDOR SOUTH	S			✓		034			
PARADE ROOM 112	S			✓		031			
NORTH EXIT	M			✓		131			
NORTH STAIR	S			✓		094			
MENS WASHROOM 116	S			✓		037			
WOMENS WASHROOM 117	S			✓		038			
SHIFT SUPPERVISORY	HT			✓		047			
DEPT. COMMAND OFFICE	HT			✓		048			
MAIN WORK STATION	HT			✓		045			
OPEN FILE STORAGE	HT			✓		044			
OFFICE MANAGER	HT			✓		043			
SARGENTS OFFICE	HT			✓		042			VICTIM SERVICE OFFICE
EQIUPMENT ROOM 113	HT			✓		040			
BULL PEN	H/S			✓					
HALLWAY BY WASHROOMS	H/S			✓					
VESTIBULE	H/S			✓					
CELL BLOCK									
OVER NIGHT EXIBIT ROOM	S			✓		057			
SECURE EXIBIT ROOM	S			✓		056			
VESTIBULE	S			✓		058			
VISITOR ROOM	S			✓		063			
GUARD'S WASHROOM	S			✓		062			
GUARD ROOM	S			✓		051			
INTERVIEW ROOM	S			✓		060			
BREATH TEST ROOM	S			✓		074			
SECURE BAY	M			✓		132			GARAGE
COLD STORAGE	HT			✓		050			IN SECURE BAY GARAGE
SECURE BAY	HT			✓		067			GARAGE
GARAGE BAY 148	HT			✓		068			
GARAGE BAY 148	M			✓		134			
PATROL CORRIDOR NORTH	S			✓		061			
PATROL CORRIDOR CENTER	S			✓		059			
MALE SHOWER ROOM	S			✓		065			
PRISONER'S EFFECTS ROOM 141	S			✓		053			
WOMENS SHOWER	S			✓		066			
PRISONER'S EFFECTS ROOM 139	S			✓		054			
PATROL CORRIDOR SOUTH	S			✓		055			
GUARD ROOM 123	M			✓		133			

M=MANUAL STATION
S=SMOKE DETECTOR

RHT=RATE OF RISE HEAT
HT=FIXED HEAT

B=BELL
H=HORN
S=SPEAKER
V=STROBE LIGHT

GLIECHEN RCMP
STRATHMORE, AB.

SAFE BLU

JULY 11 2014

FIRE ALARM DEVICE REPORT

LOCATION	DEVICE	Continuity Installed	Requires Repair	Alarm Operation	Annunciation Confirmed	Zone Circuit #	Ground Fault	Flow Switch	NOTES
GUARD STATION	H/S			✓					
HALLWAY NORTH	H/S			✓					
HALLWAY SOUTH	H/S			✓					
FEMALE CELL JUVENILE 134	S			✓		078			CELL 14
FEMALE CELL JUVENILE 135	S			✓		080			CELL 13
JUVENILE CELL 136	S			✓		082			CELL 12
CELL 137	S			✓		084			CELL 11
PRISONER'S ROOM 121	S			✓		064			
CELL 138	S			✓		086			CELL 10
CELL 143	S			✓		088			CELL 7
CELL 144	S					090			CELL 6 NO ACCESS
	S			✓		092			CELL 5
CELL 127	S					072			CELL 3 NO ACCESS
HOLDING CELL 126	S			✓		070			CELL 2
FEMALE CELL 133	S			✓		076			CELL 15
WOMENS WASHROOM CELLBLOCK	H/S			✓					
MENS WASHROOM CELLBLOCK	H/S			✓					
HALLWAY NORTH	H/S			✓					
HALLWAY SOUTH	H/S			✓					
GUARD STATION	H/S			✓					
BASEMENT									
MECHANICAL ROOM NORTH	HT			✓		018			
MECHANICAL ROOM SOUTH	HT					002			NO ACCESS
CRAWL SPACE N.W.	HT					003			
CRAWL SPACE N.E.	HT					005			
CRAWL SPACE CENTER N.E.	HT					006			
CRAWL SPACE CENTER S.E.	HT					008			
CRAWL SPACE S.E.	HT					009			
CRAWL SPACE S.W.	HT					007			
CRAWL SPACE CENTER S.W.	HT					004			
CRAWL SPACE CENTER N.W.	HT					021			
GYM N.W.	HT			✓		021			
GYM S.W.	HT			✓		024			
GYM S.E.	HT			✓		023			
GYM N.E.	HT			✓		022			
TELEPHONE ROOM	S			✓		016			
ELECTRICAL ROOM	S			✓		011			
BASEMENT NORTH EXIT	M			✓		127			
CORRIDOR NORTH	S			✓		012			
CORRIDOR SOUTH	HT			✓		013			
LOCKER ROOM	S			✓		017			
WOMEN'S LOCKER ROOM	S			✓		014			
MEN'S LOCKER ROOM	S			✓		015			
JANITOR ROOM	HT			✓		020			
TOP OF STAIR SOUTH	S			✓		096			
TOP OF SOUTH STAIR	M			✓		135			
EXERCISE ROOM	H/S			✓					
HALLWAY	H/S			✓					
MECH ROOM 3 FURNACE 2 RETURN	D/S			✓		027			
MECH ROOM 3 FURNACE 1 RETURN	D/S			✓		026			
MECH ROOM 3 FURNACE 3 RETURN	D/S			✓		028			

M=MANUAL STATION
S=SMOKE DETECTOR

RHT=RATE OF RISE HEAT
HT=FIXED HEAT

B=BELL
H=HORN
S=SPEAKER
V=STROBE LIGHT

Inspection and Testing of Fire Alarm Systems

Centratech Technical Services Ltd # 1 – 7644 – 49th Ave Red Deer, Alberta	Date of Service: July 16, 2014		Time: 0900 Hrs
	Annual Inspection		Last Service Date July 2013
	Single Stage N/A	Two Stage YES	Direct Connection Reliance YES
	Manufacturer: Simplex		Model: 4002
Building Name: K311 RCMP Innisfail Detachment	Contact Person: Charlene		Phone: Fax:
Address: 4904-45 Avenue	Owner: RCMP		Phone: Fax:
City: Innisfail, Alberta Postal Code: T4G 1S6	Fire Signal Receiving Centre: Not Monitored		Phone: Fax:

"Yes"- Acceptable "No" - Unacceptable (Explain No answers in comments)

Yes	No	Summary
☒	☐	The entire fire alarm system has been inspected and tested in accordance with CAN/ULC S536-04
☒	☐	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.
☒	☐	A copy of this report is given to the Owner or the owner's representative.

☐	**Technicians After-test Checklist**
☒	Reconnect time limit cutouts?
☒	Reconnect ancillary functions?
☒	Reconnect ancillary functions (off site connections)?
☒	Reconnect signal power?
☒	Advise fire department the testing is completed?
☒	Ensure that the alarm system is functional?

Comments

Tested system on battery backup. Electrical panel is in basement panel E #2 breaker in red and locked.

Note: The circuit strip that allows the bell wires to be screwed down is showing wear and does not hold the wires tight. The wires can be pulled out with out undoing the screws.

See also that 3 manual PS didn't not go into general alarm using the manual key.

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.

Centratech Technical Services Ltd. Craig De Graff CFAA # 11-995092	July 23,2013	0900 hrs.	
Technician	Date	Time	Owner or Authorized Agent

Inspection and Testing of Fire Alarm Systems

Date July 16, 2014 **Building Name: K311 RCMP Innisfail**

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

2.1 Control Unit or Transponder Tests

- yes Power on visual indicator operates.
- yes Common visual trouble signal operates.
- yes Common audible trouble signal operates.
- yes Trouble signal silence switch operates.
- yes Main Power supply failure trouble signal operates.
- yes Ground fault tested on positive and negative trouble signal
- yes Alert signal operation operates.
- yes Alarm signal operation operates.
- yes Automatic transfer from alert to alarm signal operates.
- yes Manual transfer from alert signal to alarm signal operates.
- yes Auto transfer from alert to alarm signal cancel operates
- yes Alarm signal silence inhibit function operates?
- yes Alarm signal manual silence operates.
- yes Alarm signal silence visual indication operates.
- yes Alarm signal when silenced automatically reinitiates on subsequent alarm?
- yes Alarm signal silence automatic cut-out timer.
- yes Audible visual and alert and alarm signals programmed and operate as per design & specification. (app C)
- yes Input circuit alarm and supervisory operation including audible and visual indication operates.
- yes Input circuit supervision fault causes a trouble indication.
- yes Output circuit alarm indicators operate.
- yes Output circuit supervision fault causes a trouble indication.
- yes Visual indicator test (lamp test).
- na Coded signal sequence operate not less than the required number of times and the correct alarm signal thereafter.
- na Coded signal sequences are not interrupted by subsequent alarms?
- yes Ancillary circuit by-pass will result in a trouble signal.
- yes Input circuit to output circuit operation including ancillary device circuits, for correct program operation as per design & spec. (App "C")
- yes Fire alarm Reset operates.
- yes 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 Operation of the fire signal receiving center disconnect results in a specific trouble indication at control unit?

2.3 Control Unit or Transponder Inspection

- yes Input circuit designations, correctly identified in relation to connected field devices
- yes Output circuit designations correctly identified in relation to connected field devices.
- yes Correct designations-common control functions / indicators
- yes Plug-in components and modules securely in place?
- yes Plug-in cables securely in place
- na Record date, revision and version of Firmware & software
  Date: Rev: Ver:
- yes Clean and free of dust and dirt?
- yes Fuses in accordance with MFGs specification?
- yes Control Unit or transponder lock functional?
- yes Termination points from wiring to field devices secure

2.6 Annunciator & Remote Trouble Test & Inspection

- yes Power on indicator operates.
- yes Individual alarm and supervisory input zone clearly Indicated and separately designated?
- yes Individual alarm and supervisory zone labels identified.
- yes Common trouble signal operates.
- yes Visual indicator test - Lamp test operates.
- yes Input wiring from control unit/transponder is supervised.
- yes Alarm signal silence visual indicator operates.
- yes Switches for ancillary function operate as per design.
- yes Other ancillary function visual indicators operate.
- yes Manual activation of alarm signal and indication operates.
- yes Displays are visible in installed location operates?
- yes Operates on emergency power?

2.4 Power Supply Inspection

- yes Fused with mfgs marked rating of the system?
- yes Adequate to meet the requirements of the system?

2.8 Remote Trouble Signal Unit Test and Inspection

- na Input wiring form control/transponder is supervised.
- ___ Visual trouble signal operates.
- ___ Audible trouble signal operates.
- ___ Audible trouble signal silence operates.

2.5 Emergency Power Supply Test and Inspection

- yes Correct battery type as recommend by manufacturer?
- yes Correct rating as determined by battery calculations based on full system load?
- yes Battery voltage main power on? 27.9 Vdc / 300ma
- yes Battery voltage and current with main power supply "off" and fire alarm in supervisory condition?
  Voltage 25.9 Vdc Current 400ma
- yes Battery voltage and current with main power supply "off" and fire alarm in full load alarm condition?
  Voltage 25.4 Vdc Current 400 ma
- yes Charging current is 400ma
- yes Inspected for physical damage?
- yes Terminal cleaned and lubricated?
- yes Terminals clamped tightly.
- na Correct Electrolyte level?
- na Specific gravity within mfg specifications?
- no Electrolyte leaks.
- yes Adequately ventilated?
- yes Battery mfg's date code or in-service date 07/2012
- yes Disconnection causes trouble signal.
- ___ Indicate type of Battery Test Performed?
- ___ (1) supervisory load for 24h followed by full load operation.
- ___ (2) silent test by using load resister method -App F1
- ___ (3)Silent accelerated test – App F2
- yes (4) A battery capacity meter test App F3
- yes (5) In lieu of battery tests, Replace with new set having current date code, as per mfg
- na Record calculated battery capacity App F4 A h
- yes Record battery terminal voltage after tests 25.6 V dc
- yes Battery voltage not less than 85% of its rating after tests.
- na Generator provides power to the AC circuit for FA syst.

Inspection and Testing of Fire Alarm Systems

Date July 16, 2014	Building Name: K311 RCMP Innisfail

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

na	**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
yes	Power on indicator operates.
yes	Individual alarm, supervisory zone indication operates.
____	(**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
yes	Minimum of 1 alarm zone and one supervisory zone tested per annunciator or sequential display to confirm operation.
____	Individual alarm and supervisory zone labels identified.
yes	Common trouble signal operates.
yes	Visual indicator test (lamp test) operates.
yes	Input wiring form control unit/transponder supervised
yes	Alarm signal silence visual indicator operates.
yes	Switches for ancillary function operate as per design.
yes	Other ancillary functions visual indicators operate.
yes	Manual activation of alarm signal and indication operate.
yes	Displays are visible in installed location.
na	**2.9 Printer Testing**
____	Operation as per design and specification?
____	Zone of each alarm initiating device is correctly printed.
____	Rated voltage is present.
na	**2.10 Data Communication Link Test (DCL)**
____	Confirm that a trouble signal is receive at the control unit or transponder under an open loop fault for each DCL
____	Where fault isolation modules are installed in DCL serving field devices, wiring shall be shorted on the isolated side, annunciation of the fault confirmed, and then a field device on the source side shall be operated, and activation confirmed at the control unit or transponder.
____	Where a fault isolation in DCL is provided between control units/transponders and between
____	Transponders, introduce a short circuit fault and confirm
	Continued…..
	Annunciation of the fault and operation outside the shorted section between each pair of :
____	(i) Control unit to control unit
____	(ii) Control unit to transponder
____	(iii)Transponder to transponder
na	**2.2 Voice Communication Inspection/Tests**
____	Power "ON" operates?
____	Common visual trouble signal operates.
____	Common audible trouble signal operates.
____	Trouble signal silence switch operates.
____	All call voice paging including visual indicator operates?
____	Output circuits for selective voice paging including visual indication operates.
____	Output circuits for selective voice paging trouble operation including visual indication operates.
____	Microphone including press to talk switch operates.
____	Operation of voice paging does interfere with initial inhibit time of alert and alarm signal?
____	All call voice paging operates on emergency power?
____	Upon failure of one amplifier, system automatically transfers to backup amplifier.
____	Circuits for emergency telephone call in operation including audible and visual indication operates
____	Circuits for emergency telephone for operation, including two way voice communication operates.
____	Circuits for emergency telephones trouble operation including visual indication operates.
____	Emergency telephone verbal communication operates.
____	Emergency telephone operable or in-use tone at handset.
	2.11 Ancillary Device Circuit Test
yes	Circuit confirmed HVAC
yes	Circuit confirmed Doors
____	Circuit confirmed
____	Circuit confirmed

Additional Comments:

•

Inspection and Testing of Fire Alarm Systems
Individual Device Record

Date: July 16, 2014	Annual Inspection	
Building Name: K311 RCMP Innisfail	Address: 4904-45 Avenue Innisfail	

A. Correctly installed.	D. Annunciator indication confirmed.
B. Requires Service, Repairs, missing, or cleaning	E. Zone circuit number or address
C. Alarm operation confirmed	

"Y" - Acceptable "N" – Unacceptable (Explain NO answers in comments) "NA" Not applicable

Device	Location	A	B	C	D	E	Remarks
	ZONE 1						
M	Main Entrance	Y	NA	Y	Y	1	Did not go into general alarm using key.
RHT	Front Foyer	Y	NA	Y	Y	1	
RHT	Staff Room	Y	NA	Y	Y	1	
RHT	South Office	Y	NA	Y	Y	1	
RHT	South Office	Y	NA	Y	Y	1	
RHT	South Office	Y	NA	Y	Y	1	
RHT	South Office #1	Y	NA	Y	Y	1	
RHT	Radio Room	Y	NA	Y	Y	1	Replaced July 2014
RHT	South office #2	Y	NA	Y	Y	1	
RHT	Dispatch 105	Y	NA	Y	Y	1	
RHT	Office Family Room	Y	Y	N	N	1	
RHT	Interview Room north	Y	NA	Y	Y	1	
RHT	North Office Area	Y	NA	Y	Y	1	
RHT	North Office #1	Y	NA	Y	Y	1	
RHT	North Office #2	Y	NA	Y	Y	1	
RHT	File Room	Y	Y	N	N	1	
RHT	Janitor Room	Y	NA	Y	Y	1	Replaced July 2014
RHT	Men's Locker Room	Y	NA	Y	Y	1	
RHT	Ladies Locker Room	Y	NA	Y	Y	1	
RHT	Storage room off lockers	Y	NA	Y	Y	1	
RHT	Visitor waiting Room	Y	NA	Y	Y	1	
M	Back Exit	Y	NA	Y	Y	1	Did not go into general alarm using key.
EOL	1						
	ZONE 2	Y	NA	Y	Y	2	
RHT	Exhibit Room #1	Y	NA	Y	Y	2	
RHT	Exhibit room #2	NA	NA	NA	NA	2	No access

M.	Manual Pull station	DS	Duct smoke detector	B	Bell	AD	Ancillary device
HT	Heat detector, non restorable	SFD	Supporting field device - monitor	H	Horn	ET	Emergency Telephone
RHT	Heat detector, Restorable	FS	Sprinkler flow switch	V	Visual signal appliance	EOL	End of line resistor
S	Smoke detector	SS	Sprinkler supervisory device	SP	Cone type speaker		Other supervisory devices
RI	Remote indicator unit	EM	Fault isolation module	HSP	Horn type speaker		Other type of detector
PS	Pressure switch						

Inspection and Testing of Fire Alarm Systems

Individual Device Record

Date: July 16, 2014	Annual Inspection	
Building Name: K311 RCMP Innisfail	Address: 4904-45 Ave, Innisfail Ab.	

A. Correctly installed.
B. Requires Service, Repairs, missing, or cleaning
C. Alarm operation confirmed
D. Annunciator indication confirmed.
E. Zone circuit number or address

"Y" - Acceptable "N" – Unacceptable (Explain NO answers in comments) "NA" Not applicable

Device	Location	A	B	C	D	E	Remarks
	ZONE 3						
S	Room 128 Cell	Y	NA	Y	Y	3	LOCKED
	ZONE 4						
S	Room 129 Cell	Y	NA	Y	Y	4	
	Zone 5						
S	ROOM 130 Cell	Y	NA	Y	Y	5	Replaced July 2014
	ZONE 6						
S	Room 131 Cell	Y	NA	Y	Y	6	
	ZONE 7						
T	Main water tamper	Y	NA	Y	Y	7	
T	Backflow #1 tamper	Y	NA	Y	Y	7	
T	Backflow #2 tamper	Y	NA	Y	Y	7	
FS	Sprinkler tree Flow switch	Y	NA	Y	Y	7	
	ZONE 8						
S	Room 134 Cell	Y	NA	Y	Y	8	EOL in detector
	Zone 9						
S	Main Desk cell area	Y	NA	Y	Y	9	
PS	Main Desk cell area	Y	NA	Y	Y	9	
S	Locker room	Y	NA	Y	YY	9	
S	Wash room	Y	NA	Y	Y	9	
S	North exit	Y	NA	Y	Y	9	
PS	North exit	Y	NA	Y	Y	9	
S	Hall by Rm 129	Y	NA	Y	Y	9	
S	Hall by Rm 131	Y	NA	Y	Y	9	
S	Room 141	Y	NA	Y	Y	9	Locked
S	Room 144	Y	NA	Y	Y	9	

M.	Manual Pull station	DS	Duct smoke detector	B	Bell	AD	Ancillary device
HT	Heat detector, non restorable	SFD	Supporting field device - monitor	H	Horn	ET	Emergency Telephone
RHT	Heat detector, Restorable	FS	Sprinkler flow switch	V	Visual signal appliance	EOL	End of line resistor
S	Smoke detector	SS	Sprinkler supervisory device	SP	Cone type speaker		Other supervisory devices
RI	Remote indicator unit	EM	Fault isolation module	HSP	Horn type speaker		Other type of detector
PS	Pressure switch	T	Tamper Switch Sprinkler	FS	Flow Switch Sprinkler		

Inspection and Testing of Fire Alarm Systems

Date: July16, 2014	Annual Inspection	
Building Name: K311 RCMP Innisfail	Address: 4904-45 Ave, Innisfail, Ab	

A. Correctly installed.	D. Annunciator indication confirmed.
B. Requires Service, Repairs, missing, or cleaning	E. Zone circuit number or address
C. Alarm operation confirmed	

"Y" - Acceptable "N" – Unacceptable (Explain NO answers in comments) "NA" Not applicable

Device	Location	A	B	C	D	E	Remarks
	ZONE 9						
S	Room 132	Y	NA	Y	Y	9	
S	Hall By 133	Y	NA	Y	Y	9	
M	Hall by 133 east end	Y	NA	Y	Y	9	Did not go into general alarm using key.
EOL	9						
	ZONE 10						
S	Sally Port	Y	NA	Y	Y	10	
EOL	garage						
	Zone 11						
M	Garage SE	Y	NA	Y	Y	11	
RHT	Garage SE	Y	NA	Y	Y	11	
RHT	Garage storage Rm #1	Y	NA	Y	Y	11	
RHT	Garage storage Rm #2	Y	NA	Y	Y	11	
EOL	11 by PS						
	ZONE 12						
S	North stairwell	Y	NA	Y	Y	12	
EOL	TOS						
	Zone 13						
S	Back Stairwell	Y	NA	Y	Y	13	
EOL	TOS						
	ZONE 14						
M	Basement entrance East	Y	NA	Y	Y	14	
RHT	Furnace room	Y	NA	Y	Y	14	
RHT	Telephone room	Y	NA	Y	Y	14	
RHT	Electrical room	Y	NA	Y	Y	14	
M	Basement hallway	Y	NA	Y	Y	14	
EOL	Exit to south stairs						

M.	Manual Pull station	DS	Duct smoke detector	B	Bell	AD	Ancillary device
HT	Heat detector, non restorable	SFD	Supporting field device - monitor	H	Horn	ET	Emergency Telephone
RHT	Heat detector, Restorable	FS	Sprinkler flow switch	V	Visual signal appliance	EOL	End of line resistor
S	Smoke detector	SS	Sprinkler supervisory device	SP	Cone type speaker		Other supervisory devices
RI	Remote indicator unit	EM	Fault isolation module	HSP	Horn type speaker		Other type of detector
PS	Pressure switch						

Inspection and Testing of Fire Alarm Systems

Date: July 16, 2014	Annual Inspection	
Building Name: K311 RCMP Innisfail	Address: 4904-45 Ave, Innisfail, Ab	

A. Correctly installed.
B. Requires Service, Repairs, missing, or cleaning
C. Alarm operation confirmed
D. Annunciator indication confirmed.
E. Zone circuit number or address

"Y" - Acceptable "N" – Unacceptable (Explain NO answers in comments) "NA" Not applicable

Device	Location	A	B	C	D	E	Remarks
	Zone 14						
RHT	Basement main room	Y	NA	Y	Y	14	
RHT	Basement main room	Y	NA	Y	Y	14	
RHT	Basement main room	Y	NA	Y	Y	14	
RHT	File storage room	Y	NA	Y	Y	14	
RHT	Storage room	Y	NA	Y	Y	14	Locked
S	Crawl space	Y	NA	Y	Y	14	
S	Crawl space	Y	NA	Y	Y	14	
	ZONE 15						
HDF	Main Mechanical Room	Y	NA	Y	Y	15	
EOL	North wall						
	Zone 16						
DS	F1 HVAC	Y	NA	Y	Y	16	
DS	F1 HVAC	Y	NA	Y	Y	16	
	ZONE 17						
DS	F2 HVAC	Y	Y	N	N	17	
DS	F2 HVAC	Y	NA	Y	Y	17	
	ZONE 18						
M	Main Ent to Attic	Y	NA	Y	Y	18	
RHT	West side	Y	NA	Y	Y	18	
RHT	West side	Y	NA	Y	Y	18	
HDF	West side	Y	NA	Y	Y	18	
RHT	East side	Y	NA	Y	Y	18	
RHT	East side	Y	NA	Y	Y	18	
RHT	East side	Y	NA	Y	Y	18	
EOL	By PS, top of ladder						

M.	Manual Pull station	DS	Duct smoke detector	B	Bell	AD	Ancillary device
HT	Heat detector, non restorable	SFD	Supporting field device - monitor	H	Horn	ET	Emergency Telephone
RHT	Heat detector, Restorable	FS	Sprinkler flow switch	V	Visual signal appliance	EOL	End of line resistor
S	Smoke detector	SS	Sprinkler supervisory device	SP	Cone type speaker		Other supervisory devices
RI	Remote indicator unit	EM	Fault isolation module	HSP	Horn type speaker		Other type of detector
PS	Pressure switch						

Inspection and Testing of Fire Alarm Systems

Individual Device Record

Date: July 16, 2014	Annual Inspection	
Building Name: K311 RCMP Innisfail	Address: 4904-45 Ave, Innisfail, Alberta	

A. Correctly installed.
B. Requires Service, Repairs, missing, or cleaning
C. Alarm operation confirmed
D. Annunciator indication confirmed.
E. Zone circuit number or address

"Y" - Acceptable "N" – Unacceptable (Explain NO answers in comments) "NA" Not applicable

Device	Location	A	B	C	D	E	Remarks
	ZONE 19						
S	Cell Room 133	Y	NA	Y	Y	19	
	ZONE 20 General Alarm						Every manual(Pull) station has access to
EOL	Basement north PS						Second alarm by a special key.
							Panel will go into second stage alarm after
							5 minutes in first stage alarm.
							Detention area fire bell only rings during
							Second stage/ general alarm

M.	Manual Pull station	DS	Duct smoke detector	B	Bell	AD	Ancillary device
HT	Heat detector, non restorable	SFD	Supporting field device - monitor	H	Horn	ET	Emergency Telephone
RHT	Heat detector, Restorable	FS	Sprinkler flow switch	V	Visual signal appliance	EOL	End of line resistor
S	Smoke detector	SS	Sprinkler supervisory device	SP	Cone type speaker		Other supervisory devices
RI	Remote indicator unit	EM	Fault isolation module	HSP	Horn type speaker		Other type of detector
PS	Pressure switch						

Inspection and Testing of Fire Alarm Systems

Signal Devices Record

Date: July 16, 2014	Annual Inspection	
Building Name: K311 RCMP Innisfail	Address: 4904-45 Ave, Innisfail, Ab	

A. Correctly installed.
B. Requires Service, Repairs, missing, or cleaning
C. Alarm operation confirmed

"Y" - Acceptable "N" – Unacceptable (Explain NO answers in comments) "NA" Not applicable

Device	Location	A	B	C	Remarks
BS	West office area	Y	NA	Y	
BS	East office area	Y	NA	Y	
BS	Office hallway	Y	NA	Y	
BS	Fitness room	Y	NA	Y	
BS	Detention hall	Y	NA	Y	
BS	Detention hall	Y	NA	Y	
BS	South hallway	Y	NA	Y	
BS	Basement	Y	NA	Y	
BS	Furnace room	Y	NA	Y	
BS	Basement main area	Y	NA	Y	
BS	Attic/mechanical room	Y	NA	Y	

M.	Manual Pull station	DS	Duct smoke detector	B	Bell	AD	Ancillary device
HT	Heat detector, non restorable	SFD	Supporting field device - monitor	H	Horn	ET	Emergency Telephone
RHT	Heat detector, Restorable	FS	Sprinkler flow switch	V	Visual signal appliance	EOL	End of line resistor
S	Smoke detector	SS	Sprinkler supervisory device	SP	Cone type speaker		Other supervisory devices
RI	Remote indicator unit	EM	Fault isolation module	HSP	Horn type speaker		Other type of detector
PS	Pressure switch			BS	Bell and strobe		

3.1 Field Device Testing – Legend and Notes

Device	Description	Type	Model No.
M	Manual Pull station	SIMPLEX	
RHT	Heat detector, Restorable	SIMPLEX	
HT	Heat detector, non restorable	SIMPLEX	
S	Smoke detector age (AFC 6.3.1.2(1))	SIMPLEX	
FS	Sprinkler flow switch		
SS	Sprinkler supervisory device		
B	Bell	NA	
HS	Horn/Strobe	SIMPLEX	

REPORT OF INSPECTION AND TESTING

OF WATER BASED FIRE PROTECTION SYSTEMS

ANNUAL ITEMS TO BE REVIEWED

ALL QUESTIONS ARE TO BE FULLY ANSWERED AND ALL BLANKS ARE TO BE FILLED

INSPECTED BY: CENTRATECH **DATE:** July16, 2014

LOCATION: INNISFAIL R.C.M.P DETACHMENT **TECHNICIAN:** KOREY CAMPBELL

INSPECTION FREQUENCY: MONTHLY QUARTERLY **ANNUALLY X** OTHER

ANNUAL REPORT OF INSPECTION OF WET SPRINKLER SYSTEM

		YES	N/A	NO
B-1.1	HYDRAULIC NAMEPLATE ATTACHED	X		
B-1.2	STRAINERS AND FILTERS CLEANED		X	
B-1.3	EXTERIOR ALARMS PROPERLY IDENTIFIED	X		
B-2.0	ALARM PANEL CLEAR	X		
B-3.0	SYSTEM LEFT IN SERVICE	X		

B-20.0 COMMENTS: SYSTEM HAS THREE TAMPER SWITCHES
ALL SPRINKLER HEADS APPEAR TO BE DAMAGE FREE, NO LEAKS DETECTED
MINOR RUST IS PRESENT ON SPRINKLER ALARM LINE

ANNUAL TESTING REQUIREMENTS FOR WET SPRINKLER SYSTEM

		Zone 7
C-1.1	MAIN DRAIN FLOW TEST WITH 3 INCH VALVE OPEN	X
C-2.1	SPRINKLER SUPPLY GAUGE -	62 psi
C-2.2	SPRINKLER SUPPLY GAUGE MAIN DRAIN FLOW	58 psi
C-3.1	SPRINKLER GAUGE	110 psi
C-3.2	SPRINKLER GAUGE WITH MAIN DRAIN FLOW	62 psi
C-4.1	WATER FLOW ALARM DEVICES ACTIVATED	YES
C-4.2	INTERIOR BUILDING ALARMS OPERATING	YES
C-4.3	EXTERIOR ALARMS OPERATING	YES
C-5.1	INSPECTOR'S TEST FLOW On main drain.	1/2"

		Main flr
C-6.1	TIME TO RING ALARM FROM CHECK VALVE	NA
C-7.1	TIME TO RING ALARM FROM FLOW SWITCH	30 secs
C-8.1	TIME TO RING ALARM FROM PRESSURE SWITCH	NA

		YES	N/A	NO
C-9.1	GAUGES OPERATING PROPERLY	X		
C-10.1	DID SUPERVISORY COMPANY RECEIVE SIGNAL PROPERLY		X	
C-10.2	DID ALARM PANEL RESET PROPERLY	X		
C-11.0	ALARM PANEL CLEAR	X		
C-12.0	SYSTEM LEFT IN SERVICE	X		

C-20.0 COMMENTS JOCKEY PUMPS ACTIVATES AT 70 PSI. TURNS OFF AT 125 PSI
TAMPER SWITCHES COME IN AS TROUBLES ON ZONE 17
BACK FLOW DEVICES TESTED

KOREY CAMPBELL JULY 16, 2014

INSPECTOR SIGNATURE **DATE** **CUSTOMER SIGNATURE**

CENTRATECH TECHNICAL SERVICES LTD.
ANNUAL MAINTENANCE RECORD

Hydrostatic Testing - Breathing Air - Fire Extinguisher Sales, Service, Recharging
"Your Fire and Safety Specialists"

CUSTOMER: R.C.M.P Detachment
ADDRESS: K311 Innisfail, Alberta
4904 - 45th Ave
CONTACT: Alyssa
PHONE: (403) 716-4323

JOB TICKET/INVOICE:
DATE: July 16, 2014
TECHNICIAN: Gilbert
CASH/ACCOUNT: Account/PO Required
PO# (if required):

#	EXTINGUISHER LOCATION	EXT. SERIAL #	EXT. MAKE	CO	EXT. TYPE	HP	SP	YR MFG	YR HT	YR 6YR	YRHT CART	COMMENTS
1	Mech Room	30600	Flag		10 ABC		X	93	06	12		Inspection
2	Basement	606006	Flag		10 ABC		X	93	06	12		Inspection
3	By Janitor Room	20861	Flag		5 ABC		X	93	06	12		Inspection
4	Detention Desk	778985	Ansul		10 ABC		X	04		11		Inspection
5	Sally Port	76175	Ansul		10 ABC		X	08		14		6 Year 2014
6	Front Entrance	20863	Flag		5 ABC		X	93	06	12		Inspection
7	Garage	20859	Flag		5 ABC		X	93	06	12		Inspection
8	Exhibit Room	790463	Ansul	X	4 ABC			76	09			Inspection
9	Outside Garage	20871	Flag		5 ABC		X	93	06	12		Inspection
10	Janitor Room	773129	Amerex		5 ABC		X	11				Inspection
11	Server Room	308027	Amerex		2.5 Hal		X	12				Inspection
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												

COMMENTS:

Centratech Technical Services Ltd.
Bay 1, 7644 - 49th. Avenue
Red Deer, AB. T4P 0A9
403-343-1119

TESTING AND INSPECTION REPORT
Reduced Pressure Principle Backflow Prevention Assembly
Double Check Valve Assembly and Pressure Vacuum Breaker

Address Location	Occupant	Contact	Phone #
4904 - 45th ave Innisfail, Alberta	**K311 RCMP**	**Stan Scott**	**403-716-4323**

Type of Assembly	Make of Assembly	Model #	Serial #	Size	Install Date
□ RP X DCVA □ PVB	**Ames**	**2000 SS**	**2G 10481**	**4 "**	**1993**

Location of Assembly
MECH ROOM - Fire sprinkler feed

Testers AWWA Number	Testers Equipment Number	Name of Tester	Business Name	Phone #
13087	**132634**	**Gilbert Dault**	**Centratech Technical Services Ltd.**	**403-343-1119**

Business Address	Postal Code	Type of Test	Line Pressure at Time of Test	Pressure Differential Across First Check Valve No Flow Test
1, 7644 - 49th. Ave Red Deer, AB.	**T4P 1M4**	□ Initial **X Annual**	***62 psi***	

Test	Reduced Pressure Principle Backflow Prevention Assembly							Pressure Vacuum Breaker		Test Results
	Double Check Valve Assembly									
	Check Valve # 2		Shut Off Valve # 2	Check Valve # 1		Differential Pressure Relief Valve		Air Inlet Valve	Check Valve	
	With Flow	Against Flow		With Flow	Against Flow					
Test Date **16/07/2014**	□ Leaked □ Closed	□ Leaked X Closed	□ Leaked X Closed Tight	□ Leaked □ Closed	Leaked X Closed	□ Failed to Open □ Opened at		□ Failed □ Opened	□ Leaked □ Closed Tight	Passed Failed

If The Assembly Fails The Initial Test For Any Reason, Complete This Section And Note Repair Below

Results																Results
	1 □ Cleaned Replaced			20 □ Cleaned Replaced		30 □ Cleaned Replaced		50 □ Cleaned Replaced		70 □ Cleaned Replaced						
	2 □ Disc			21 □ Disc		31 □ Disc		51 □ Disc Upper		71 □ Vent Disc						
	3 □ Spring			22 □ Seat		32 □ Spring		52 □ Disc Lower		72 □ Vent Spring						
	4 □ Guide			23 □ Other Describe		33 □ Guide		53 □ Spring		73 □ Poppet						
	5 □ Pin Retainer					34 □ Pin Retainer		54 □ Diaphragm Large		74 □ Retainer						
	6 □ Hinge Pin					35 □ Hinge Pin		55 □ Upper		75 □ Spring						
	7 □ Seat					36 □ Seat		56 □ Lower		76 □ Disc						
	8 □ Diaphragm					37 □ Diaphragm		57 □ Diaphragm Small		77 □ Guide						
	9 □ Other, Describe					38 □ Other, Describe		58 □ Upper		78 □ Other, Describe						
								59 □ Lower								
								60 □ Spacer, Lower								
								61 □ Other								
Re-Test Date				Pressure Differential Across_____ KPA First Check Valve No Flow Re-Test _____ PSI												Re-Test Results
	□ Leaked □ Closed Tight	□ Leaked □ Closed Tight	□ Leaked □ Closed Tight	□ Leaked □ Closed Tight	□ Leaked □ Closed Tight		□ Failed to Open _____KPA □ Opened at _____ PSI			□ Failed to Open □ Opened		□ Leaked □ Closed Tight				□ Passed □ Failed

Remarks:

I certify that I have tested the above assembly.	Signature of Certified Tester	Date: 16/07/2014

Centratech Technical Services Ltd.
Bay 1, 7644 - 49th. Avenue
Red Deer, AB. T4P 0A9
403-343-1119

TESTING AND INSPECTION REPORT

Reduced Pressure Principle Backflow Prevention Assembly
Double Check Valve Assembly and Pressure Vacuum Breaker

Address Location	Occupant	Contact	Phone #
4904 - 45th ave Innisfail, Alberta	**K311 RCMP**	**Stan Scott**	**403-716-4323**

Type of Assembly	Make of Assembly	Model #	Serial #	Size	Install Date
□ RP _ *X DCVA* □ PVB	**Watts**	**007 m1**	**8000**	**2"**	**1993**

Location of Assembly
MECH ROOM - Main water feed

Testers AWWA Number	Testers Equipment Number	Name of Tester	Business Name	Phone #
13087	**132634**	**Gilbert Dault**	**Centratech Technical Services Ltd.**	**403-343-1119**

Business Address	Postal Code	Type of Test	Line Pressure at Time of Test	Pressure Differential Across First Check Valve No Flow Test
1, 7644 - 49th. Ave Red Deer, AB.	**T4P 1M4**	□ Initial **X Annual**	***62 psi***	

Test	Reduced Pressure Principle Backflow Prevention Assembly						Pressure Vacuum Breaker		Test Results
	Double Check Valve Assembly								
	Check Valve # 2		Shut Off Valve # 2	Check Valve # 1		Differential Pressure Relief Valve	Air Inlet Valve	Check Valve	
	With Flow	Against Flow		With Flow	Against Flow				
Test Date **16/07/2014**	□ Leaked □ Closed	□ Leaked *X Closed*	□ Leaked *X Closed Tight*	□ Leaked □ Closed	Leaked *X Closed*	□ Failed to Open □ Opened at	□ Failed □ Opened	□ Leaked □ Closed Tight	*Passed* Failed

If The Assembly Fails The Initial Test For Any Reason, Complete This Section And Note Repair Below

Results							Results
	1 □ Cleaned Replaced	20 □ Cleaned Replaced	30 □ Cleaned Replaced	50 □ Cleaned Replaced	70 □ Cleaned Replaced		
	2 □ Disc	21 □ Disc	31 □ Disc	51 □ Disc Upper	71 □ Vent Disc		
	3 □ Spring	22 □ Seat	32 □ Spring	52 □ Disc Lower	72 □ Vent Spring		
	4 □ Guide	23 □ Other Describe	33 □ Guide	53 □ Spring	73 □ Poppet		
	5 □ Pin Retainer		34 □ Pin Retainer	54 □ Diaphragm Large	74 □ Retainer		
	6 □ Hinge Pin		35 □ Hinge Pin	55 □ Upper	75 □ Spring		
	7 □ Seat		36 □ Seat	56 □ Lower	76 □ Disc		
	8 □ Diaphragm		37 □ Diaphragm	57 □ Diaphragm Small	77 □ Guide		
	9 □ Other, Describe		38 □ Other, Describe	58 □ Upper	78 □ Other, Describe		
				59 □ Lower			
				60 □ Spacer, Lower			
				61 □ Other			
Re-Test Date		Pressure Differential Across _____ KPA First Check Valve No Flow Re-Test _____ PSI					Re-Test Results
	□ Leaked □ Closed Tight	□ Leaked □ Closed Tight	□ Leaked □ Closed Tight	□ Leaked □ Closed Tight	□ Leaked □ Closed Tight	□ Failed to Open _____ KPA □ Opened at _____ PSI	□ Failed to Open □ Opened	□ Leaked □ Closed Tight	□ Passed □ Failed

Remarks: Shut off valves one and two are very stiff and hard to close.

I certify that I have tested the above assembly.	Signature of Certified Tester	Date: 16/07/2014

Centratech Technical Services Ltd.
Bay 1, 7644 - 49th. Avenue
Red Deer, AB. T4P 0A9
403-343-1119

TESTING AND INSPECTION REPORT

Reduced Pressure Principle Backflow Prevention Assembly
Double Check Valve Assembly and Pressure Vacuum Breaker

Address Location	Occupant	Contact	Phone #
4904 - 45th ave Innisfail, Alberta	**K311 RCMP**	**Stan Scott**	**403-716-4323**

Type of Assembly	Make of Assembly	Model #	Serial #	Size	Install Date
☐ RP _ ***X DCVA*** ☐ PVB	**Watts**	**007m2 QT**	**104197**	***1 1/2"***	**1993**

Location of Assembly
MECH ROOM - Irrigation feed

Testers AWWA Number	Testers Equipment Number	Name of Tester	Business Name	Phone #
13087	**132634**	**Gilbert Dault**	**Centratech Technical Services Ltd.**	**403-343-1119**

Business Address	Postal Code	Type of Test	Line Pressure at Time of Test	Pressure Differential Across First Check Valve No Flow Test
1, 7644 - 49th. Ave Red Deer, AB.	**T4P 1M4**	☐ Initial **X Annual**	***62 psi***	

Test	Reduced Pressure Principle Backflow Prevention Assembly						Pressure Vacuum Breaker		Test Results
	Double Check Valve Assembly								
	Check Valve # 2		Shut Off Valve # 2	Check Valve # 1		Differential Pressure Relief Valve	Air Inlet Valve	Check Valve	
	With Flow	Against Flow		With Flow	Against Flow				
Test Date **16/07/2014**	☐ Leaked ☐ Closed	☐ Leaked *x Closed*	☐ Leaked *X Closed Tight*	☐ Leaked ☐ Closed	Leaked *x Closed*	☐ Failed to Open ☐ Opened at	☐ Failed ☐ Opened	☐ Leaked ☐ Closed Tight	*Passed* Failed

If The Assembly Fails The Initial Test For Any Reason, Complete This Section And Note Repair Below

Results						Results
	1 ☐ Cleaned Replaced 2 ☐ Disc 3 ☐ Spring 4 ☐ Guide 5 ☐ Pin Retainer 6 ☐ Hinge Pin 7 ☐ Seat 8 ☐ Diaphragm 9 ☐ Other, Describe	20 ☐ Cleaned Replaced 21 ☐ Disc 22 ☐ Seat 23 ☐ Other Describe	30 ☐ Cleaned Replaced 31 ☐ Disc 32 ☐ Spring 33 ☐ Guide 34 ☐ Pin Retainer 35 ☐ Hinge Pin 36 ☐ Seat 37 ☐ Diaphragm 38 ☐ Other, Describe	50 ☐ Cleaned Replaced 51 ☐ Disc Upper 52 ☐ Disc Lower 53 ☐ Spring 54 ☐ Diaphragm Large 55 ☐ Upper 56 ☐ Lower 57 ☐ Diaphragm Small 58 ☐ Upper 59 ☐ Lower 60 ☐ Spacer, Lower 61 ☐ Other	70 ☐ Cleaned Replaced 71 ☐ Vent Disc 72 ☐ Vent Spring 73 ☐ Poppet 74 ☐ Retainer 75 ☐ Spring 76 ☐ Disc 77 ☐ Guide 78 ☐ Other, Describe	

Re-Test Date											Re-Test Results
				Pressure Differential Across_____KPA First Check Valve No Flow Re-Test_____PSI							
	☐ Leaked ☐ Closed Tight	☐ Leaked ☐ Closed Tight	☐ Leaked ☐ Closed Tight	☐ Leaked ☐ Closed Tight	☐ Leaked ☐ Closed Tight		☐ Failed to Open _____KPA ☐ Opened at _____PSI		☐ Failed to Open ☐ Opened	☐ Leaked ☐ Closed Tight	☐ Passed ☐ Failed

Remarks: Shut off valves one and two are very stiff and hard to close.

I certify that I have tested the above assembly.	Signature of Certified Tester	Date: 16/07/2014

Centratech Technical Services Ltd.
Bay 1, 7644 - 49th. Avenue
Red Deer, AB. T4P 0A9
403-343-1119

TESTING AND INSPECTION REPORT

Reduced Pressure Principle Backflow Prevention Assembly
Double Check Valve Assembly and Pressure Vacuum Breaker

Address location **4904 - 45th Ave Innisfail, Alberta**	Occupant **K311 RCMP**	Contact **Stan Scott**	Phone number **403-716-4323**

Type of Assembly **X RP** DCVA ☐ PVB	Make of Assembly **Watts**	Model # **0009 m3 QT**	Serial # **269100**	Size **3/4"**	Install Date **Unkown**

Location of Assembly **Mech room - boiler feeed**

Testers AWWA Number **13087**	Testers Equipment Number **132634**	Name of Tester **Gilbert Dault**	Business Name **Centratech Technical Services Ltd.**	Phone # **403-343-1119**

Buisness Address **1, 7644 - 49th. Ave Red Deer, AB.**	Postal Code **T4P 1M4**	Type of Test Initial **X Annual**	Line Pressure at Time of Test **63 psi**	Pressure Differential Across First Check Valve No Flow Test **6.4 psi**

Test	Reduced Pressure Principle Backflow Prevention Assembly						Pressure Vacuum Breaker		Test Results
	Double Check Valve Assembly								
	Check Valve # 2		Shut Off Valve # 2	Check Valve # 1		Differential Pressure Relief Valve	Air Inlet Valve	Check Valve	
	With Flow	Against Flow		With Flow	Against Flow				
Test Date **16-Jul-14**	☐ Leaked **X Closed**	☐ Leaked **X Closed**	☐ Leaked **X Closed Tight**	☐ Leaked **X Closed**	☐ Leaked **X Closed**	☐ Failed to Open **X Opened at 2.4 psi**	☐ Failed ☐ Opened	☐ Leaked ☐ Closed Tight	X Passed ☐ Failed

If The Assembly Fails The Initial Test For Any Reason, Complete This Section And Note Repair Below

Results	1 ☐ Cleaned Replaced 2 ☐ Disc 3 ☐ Spring 4 ☐ Guide 5 ☐ Pin Retainer 6 ☐ Hinge Pin 7 ☐ Seat 8 ☐ Diaphragm 9 ☐ Other, Describe	20 ☐ Cleaned Replaced 21 ☐ Disc 22 ☐ Seat 23 ☐ Other Describe	30 ☐ Cleaned Replaced 31 ☐ Disc 32 ☐ Spring 33 ☐ Guide 34 ☐ Pin Retainer 35 ☐ Hinge Pin 36 ☐ Seat 37 ☐ Diaphragm 38 ☐ Other, Describe	50 ☐ Cleaned Replaced 51 ☐ Disc Upper 52 ☐ Disc Lower 53 ☐ Spring 54 ☐ Diaphragm Large 55 ☐ Upper 56 ☐ Lower 57 ☐ Diaphragm Small 58 ☐ Upper 59 ☐ Lower 60 ☐ Spacer, Lower 61 ☐ Other	70 ☐ Cleaned Replaced 71 ☐ Vent Disc 72 ☐ Vent Spring 73 ☐ Poppet 74 ☐ Retainer 75 ☐ Spring 76 ☐ Disc 77 ☐ Guide 78 ☐ Other, Describe	Results
		Pressure Differential Across ________ KPA First Check Valve No Flow Re-Test ________ PSI				

Re-Test Date	☐ Leaked ☐ Closed Tight	☐ Leaked ☐ Closed Tight	☐ Leaked ☐ Closed Tight	☐ Leaked ☐ Closed Tight	☐ Leaked ☐ Closed Tight		☐ Failed to Open ______ KPA ☐ Opened at ________ PSI	☐ Failed to Open ☐ Opened	☐ Leaked ☐ Closed Tight	Re-Test Results ☐ Passed ☐ Failed

Remarks:

I certify that I have tested the above assembly.	Signature of Certified Tester	**16-Jul-14**

Banff Fire and Safety

Fire Alarm Inspection Report

Customer:	**ROYAL CANADIAN MOUNTED POLICE**
Location:	**KANANASKIS DETACHMENT**
Address:	#2 Boundary Road, Kananaskis, AB
Date:	July 17, 2014
Contact:	SNC Lavalin - Stan (403) 888-3605
Contact:	On-site -
Inspected By:	Dennis Olsen/Paul Marinelli

Make of Panel:	Edwards	IO500
Make of Smoke Detectors:	SIGA	PS & IPHS
Make of Heat Detectors:	SIGA	HRS
Make of Alarm Pull Box:	SIGA	270
Make of Alarm Signal:	Edwards	Horn/strobe Red

Bell Zones:

Z1 ~ Main Floor
Z2 ~ Basement
Z3 ~ Main Floor EOL
Z4 ~ Basement EOL

Zones: Addressable

Z1 ~ Basement
Z2 ~ Crawl Space
Z3 ~ Stairwell
Z4 ~ Main Office Area
Z5 ~ Cell Area
Z6 ~ East Cell
Z7 ~ West Cell

EOL:	Location:	Device:	Address:	Operation:	Comments:
Main Floor					
	Front Entry	Pull	127	OK	
	Entry	Smoke	13	OK	
	Main Area Office	Smoke	19	OK	
	Office North West	Smoke	12	OK	
	Office North East	Smoke	20	OK	
	Main Office	Horn/strobe	1	OK	
	Lunch Room	Smoke	11	OK	
	Filing Room	Smoke	9	OK	
	Office Rear Stairs	Smoke	6	OK	
	Office Area	Pull	130	OK	
	Equipment Room	Heat	30	OK	

	Equipment Room	Pull	133	OK	
	Stairwell	Smoke	7	OK	
	Women's Toilet	Heat	26	OK	
	Toilet Hall	Smoke	18	OK	
	Men's Toilet	Heat	22	OK	
	Cell Hall North	Smoke	14	OK	
	Janitor Room	Heat	21	OK	
	Exhibit Room West	Heat	25	OK	
	Exhibit Room East	Heat	23	OK	By exhibit room
	Cell Area	Horn/strobe	1	OK	
	Cell Shower	Heat	27	OK	
	Cell Hall South	Smoke	17	OK	
	Cell Block Office	Pull	126	OK	
	Cell Block Office	Smoke	10	OK	
	Garage	Heat	5	OK	
	East Cell	Smoke	4	OK	
	West Cell	Smoke	32	OK	
	Crawl Space East	Heat	29	OK	
Basement					
	Basement	Pull	128	OK	
	Basement Area	Horn/strobe	2	OK	
	Basement Main Area	Heat	24	OK	
	Basement Spare Room NE	Heat	28	OK	
	Basement Furnace Room	Fixed Heat	129	OK	
	Basement Electrical Room	Smoke	15	OK	
	Basement Generator Room	Fixed Heat	132	OK	
	Ammunition Room	Smoke	16	OK	Basement key code
	Crawl Space West	Heat	8	OK	
	Furnace Shutdown	Relay	131	OK	

Annunciator:	Location:	N/A
Main Panel Power Supply Test:	Circuit Breaker Location:	Basement Elec Rm - CCT #31
	Circuit Breaker Model:	Square 'D'
	Protected:	YES
	Locked and Red:	YES
Main Panel Batteries Test:	Damage?	NO

	Protected?	YES
	Ventilated?	YES
	Fused Charging Tested at:	26.6 volts
	Load Cycle Tested to:	26.1 volts
	Battery Date	Jul 13
	Battery Size	(2) 12volt 7amp
Control Panel:	Functioning:	YES
	Lamps/Indicators:	YES
	Supervisory:	YES
Security Monitoring:	System Monitored:	YES
	Security Company	Reliance Protection Security
	Contact Number	1-800-653-9111
	Account Number	#G8D1485
	Password	(Require password to put on test)

Comments:

1. Device in cell telephone room is labelled "Cell Shower Room", it should be changed.
2. The emergency light packs were tested. Please see individual report.
3. As a building owner or property manager, we recommend that you conduct a monthly fire alarm test as per CAN/ULC – 5536 – 04 4.2.1. "While on the emergency power supply, inspect and test the fire alarm system monthly to confirm it is operating properly." Should you require assistance or training to perform this task, please call our office for further information.
4. There are dampers located in Locker Room (2), Furnace Room (3), Generator Room (4), Server Room (4), Carpet Room (7) and Gym (3). All OK.

The fire alarm system, located at **R.C.M.P. ~ KANANASKIS**, has been tested in accordance with CAN/ULC-S536-04 on **July 17, 2014**. The above report clearly defines items that are satisfactory as well as identifying deficiencies. All deficiencies must be corrected for the system to be certified.

Signature of Inspector: Dennis Olsen/Paul Marinelli

17 Jul 14 PKX4413/996796

Banff Fire and Safety

Deficiencies Exist

Fire Extinguisher & Emergency Lighting Inspection Report

Customer: ROYAL CANADIAN MOUNTED POLICE

Location: KANANASKIS DETACHMENT

Contact: SNC Lavalin - Stan (403) 888-3605

Contact: On-site - Tim Chamarney/Constable Hildebrandt 403-591-7708 Jenny

Month: July 17, 2014

Fire Extinguishers:

Location	Serial #	Type	D.O.M.	History	2013	2014	2015	Comments
Office Area	564416	10 ABC	2013		New	**A**		
Guard Room	564527	10 ABC	2013		New	**A**		
By Bsmnt. Furnace Room	564987	10 ABC	2013		New	**A**		
Evidence Room	738671	10 ABC	1987	6yr'93, HT'04 6yr'11	X	**A**		
By Generator Room	129423	10 ABC	2013		New	**A**		
Lunch Room	996530	5 ABC	2010			**A**		
Vehicle #2A59	912858	5 ABC	2007	RC'11	A	**A**		
Truck A58	32187	5 ABC	2002	6yr'09	X	**X**		**Condemned**

Staff Housing:

Separate Invoice

Residence #9	23895033	5 ABC	2014			**New**		**Aug'14**
Residence #6	412466	5 ABC	1991	6yr'01, HT'04	X	**6yr**		

Emergency Lights:

Location	Device	MT	2013	2014	2015	Comments
Office Area	12volt 36watt	2	OK	**OK**		
Office Area	Exit Sign		OK	**OK**		
Basement Electrical Room	12volt 36watt	2	OK	**OK**		**Replaced batteries - Aug'14**
Basement Gym	Exit Sign		OK	**OK**		
Cell Block Office	12volt 100watt	2	OK	**OK**		**Replaced batteries - Aug'14**

Comments:

1. (1) fire extinguisher was condemned and requires replacement. See report for location.
2. Supplied and installed (4) batteries as per Stan.
3. Supplied and installed (1) new fire extinguisher located in Residence #9 as per Stan.

Inspection and Testing of Fire Alarm Systems

Centratech Technical Services Ltd # 1 – 7644 – 49th Ave Red Deer, Alberta	Date of Service: July 17, 2014		Time: 1:00pm
	Annual Inspection YES		Last Service Date 2013
	Single Stage YES	Two Stage	Direct Connection
	Manufacturer: 4008 simplex		Model: simplex
Building Name: K064 R.C.M.P Detachment	Contact Person: Stan Scott		Phone: Fax:
Address: 4915 – 49th Ave	Owner:		Phone: Fax:
City: Killam, AB Postal Code: T0B 2L0	Fire Signal Receiving Centre: 1-800-653-9111		Phone: Fax:

"Yes"- Acceptable "No" - Unacceptable (Explain No answers in comments)

Yes	No	Summary
☒	☐	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 Checklist
NA	Reconnect time limit cutouts?
YES	Reconnect ancillary functions?
NA	Reconnect ancillary functions (off site connections)?
YES	Reconnect signal power?
NA	Advise fire department the testing is completed?
YES	Ensure that the alarm system is functional?

Comments

System in good working order.

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.

Korey Campbell CFA 11-996672	July 17, 2014	1:00 pm	
Technician	Date	Time	Owner or Authorized Agent

Inspection and Testing of Fire Alarm Systems

Date July 17, 2014	Building Name: K064 Killam R.C.M.P

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

2.1 Control Unit or Transponder Tests

- yes Power on visual indicator operates.
- yes Common visual trouble signal operates.
- yes Common audible trouble signal operates.
- yes Trouble signal silence switch operates.
- yes Main Power supply failure trouble signal operates.
- yes Ground fault tested on positive and negative trouble signal
- na Alert signal operation operates.
- yes Alarm signal operation operates.
- yes Automatic transfer from alert to alarm signal operates.
- na Manual transfer from alert signal to alarm signal operates.
- na Auto transfer from alert to alarm signal cancel operates
- yes Alarm signal silence inhibit function operates?
- yes Alarm signal manual silence operates.
- yes Alarm signal silence visual indication operates.
- yes Alarm signal when silenced automatically reinitiates on subsequent alarm?
- na Alarm signal silence automatic cut-out timer.
- yes Audible visual and alert and alarm signals programmed and operate as per design & specification. (app C)
- yes Input circuit alarm and supervisory operation including audible and visual indication operates.
- yes Input circuit supervision fault causes a trouble indication.
- yes Output circuit alarm indicators operate.
- yes Output circuit supervision fault causes a trouble indication.
- yes Visual indicator test (lamp test).
- yes Coded signal sequence operate not less than the required number of times and the correct alarm signal thereafter.
- yes Coded signal sequences are not interrupted by subsequent alarms?
- yes Ancillary circuit by-pass will result in a trouble signal.
- yes Input circuit to output circuit operation including ancillary device circuits, for correct program operation as per design & spec. (App "C")
- yes Fire alarm Reset operates.
- yes Main power to emergency power supply transfer operates.
- yes Status change confirmation (smoke detectors) verified
- yes Receipt of alarm transmission to signal receiving center?
- na Receipt of supervisory trans to signal receiving center?
- yes Receipt of trouble transmission to signal receiving center?
- yes Operation of the fire signal receiving center disconnect results in a specific trouble indication at control unit?

2.3 Control Unit or Transponder Inspection

- yes Input circuit designations, correctly identified in relation to connected field devices
- yes Output circuit designations correctly identified in relation to connected field devices.
- yes Correct designations-common control functions / indicators
- yes Plug-in components and modules securely in place?
- yes Plug-in cables securely in place
- na Record date, revision and version of Firmware & software
- Date: Rev: Ver:
- yes Clean and free of dust and dirt?
- yes Fuses in accordance with MFGs specification?
- Control Unit or transponder lock functional?
- yes Termination points from wiring to field devices secure

2.6 Annunciator & Remote Trouble Test & Inspection

- na Power on indicator operates.
- na Individual alarm and supervisory input zone clearly
- na Indicated and separately designated?
- na Individual alarm and supervisory zone labels identified.
- na Common trouble signal operates.
- na Visual indicator test - Lamp test operates.
- na Input wiring from control unit/transponder is supervised.
- na Alarm signal silence visual indicator operates.
- na Switches for ancillary function operate as per design.
- na Other ancillary function visual indicators operate.
- na Manual activation of alarm signal and indication operates.
- na Displays are visible in installed location operates?
- na Operates on emergency power?

2.4 Power Supply Inspection

- yes Fused with mfgs marked rating of the system?
- yes Adequate to meet the requirements of the system?

2.8 Remote Trouble Signal Unit Test and Inspection

- na Input wiring form control/transponder is supervised.
- na Visual trouble signal operates.
- na Audible trouble signal operates.
- na Audible trouble signal silence operates.

2.5 Emergency Power Supply Test and Inspection

- yes Correct battery type as recommend by manufacturer?
- yes Correct rating as determined by battery calculations based on full system load?
- yes Battery voltage main power on? **27.1VDC**
- yes Battery voltage and current with main power supply "off" and fire alarm in supervisory condition?
  Voltage **25.5VDC** Current **300MA**
- yes Battery voltage and current with main power supply "off" and fire alarm in full load alarm condition?
  Voltage **25VDC** Current **300MA**
- yes Charging current is **600MA**
- yes Inspected for physical damage?
- na Terminal cleaned and lubricated?
- yes Terminals clamped tightly.
- na Correct Electrolyte level?
- na Specific gravity within mfg specifications?
- no Electrolyte leaks.
- yes Adequately ventilated?
- yes Battery mfg's date code or in-service date
- yes Disconnection causes trouble signal.
- Indicate type of Battery Test Performed?
- (1) supervisory load for 24h followed by full load operation.
- (2) silent test by using load resister method -App F1
- (3)Silent accelerated test – App F2
- yes (4) A battery capacity meter test App F3
- (5) In lieu of battery tests, Replace with new set having current date code, as per mfg
- na Record calculated battery capacity App F4 A h
- na Record battery terminal voltage after tests V dc
- na Battery voltage not less than 85% of its rating after tests.
- na Generator provides power to the AC circuit for FA syst.

Inspection and Testing of Fire Alarm Systems

Date July 17, 2014	Building Name: K064 Killam R.C.M.P

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

2.5 Emergency Power Supply Test and Inspection

na 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

na Power on indicator operates.

na 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

na Minimum of 1 alarm zone and one supervisory zone tested per annunciator or sequential display to confirm operation. Individual alarm and supervisory zone labels identified.

na Common trouble signal operates.

na Visual indicator test (lamp test) operates.

na Input wiring form control unit/transponder supervised

na Alarm signal silence visual indicator operates.

na Switches for ancillary function operate as per design.

na Other ancillary functions visual indicators operate.

na Manual activation of alarm signal and indication operate.

na Displays are visible in installed location.

2.9 Printer Testing

na Operation as per design and specification?

na Zone of each alarm initiating device is correctly printed.

na Rated voltage is present.

2.10 Data Communication Link Test (DCL)

na Confirm that a trouble signal is receive at the control unit 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, annunciation of the fault confirmed, and then a field device on the source side shall be operated, and activation confirmed at the control unit or transponder.

na Where a fault isolation in DCL is provided between control units/transponders and between

na Transponders, introduce a short circuit fault and confirm

Continued.....

Annunciation of the fault and operation outside the shorted section between each pair of:

na (i) Control unit to control unit

na (ii) Control unit to transponder

na (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?

Output circuits for selective voice paging including visual

na indication operates.

na Output circuits for selective voice paging trouble operation including visual indication operates.

na Microphone including press to talk switch operates.

na Operation of voice paging does interfere with initial inhibit time of alert and alarm signal?

na All call voice paging operates on emergency power?

na Upon failure of one amplifier, system automatically transfers to backup amplifier.

na Circuits for emergency telephone call in operation including audible and visual indication operates

na Circuits for emergency telephone for operation, including two way voice communication operates.

na Circuits for emergency telephones trouble operation including visual indication operates.

na Emergency telephone verbal communication operates.

na Emergency telephone operable or in-use tone at handset.

2.11 Ancillary Device Circuit Test

na Circuit confirmed

na Circuit confirmed

na Circuit confirmed

na Circuit confirmed

Additional Comments:

Tested all devices on battery back up

Inspection and Testing of Fire Alarm Systems
Individual Device Record

Date July 17, 2014	Building Name: K064 Killam R.C.M.P	

A. Correctly installed.
B. Requires Service, Repairs, missing, or cleaning
C. Alarm operation confirmed
D. Annunciator indication confirmed.
E. Zone circuit number or address

"Y" - Acceptable "N" – Unacceptable (Explain NO answers in comments) "NA" Not applicable

Device	Location	A	B	C	D	E	Remarks
M	Main entrance	Y	NA	Y	Y	Y	
S	Exit by panel	Y	NA	Y	Y	Y	
S	Overnight storage	Y	NA	Y	Y	Y	
S	CPL office	Y	NA	Y	Y	Y	
S	West general office	Y	NA	Y	Y	Y	
S	Cell booking area	Y	NA	Y	Y	Y	
M	Cell booking area	Y	NA	Y	Y	Y	
S	Cell # 2	Y	NA	Y	Y	Y	
S	Cell # 1	Y	NA	Y	Y	Y	
RHT	1st floor men's room	Y	NA	Y	Y	Y	
S	Interview room	Y	NA	Y	Y	Y	
S	General office hall	Y	NA	Y	Y	Y	
S	East general office	Y	NA	Y	Y	Y	
S	NCO office	Y	NA	Y	Y	Y	
S	Front vestibule	Y	NA	Y	Y	Y	
M	Front vestibule	Y	NA	Y	Y	Y	
S	Top of stairs	Y	NA	Y	Y	Y	
S	2nd floor S/E office	Y	NA	Y	Y	Y	
S	2nd floor N/W office	Y	NA	Y	Y	Y	
S	2nd floor N/E office	Y	NA	Y	Y	Y	
M	2nd floor hall	Y	NA	Y	Y	Y	
RHT	2nd floor washroom	Y	NA	Y	Y	Y	
S	Kitchen	Y	NA	Y	Y	Y	
M	Rear exit	Y	NA	Y	Y	Y	
RHT	Basement N/W	Y	NA	Y	Y	Y	
RHT	Basement S/E	Y	NA	Y	Y	Y	
RHT	Basement S/W	Y	NA	Y	Y	Y	
RHT	Boiler room	Y	NA	Y	Y	Y	
DS	Boiler room	Y	NA	Y	Y	Y	

M.	Manual Pull station	DS	Duct smoke detector	B	Bell	AD	Ancillary device
HT	Heat detector, non restorable	SFD	Supporting field device - monitor	H	Horn	ET	Emergency Telephone
RHT	Heat detector, Restorable	FS	Sprinkler flow switch	V	Visual signal appliance	EOL	End of line resistor
S	Smoke detector	SS	Sprinkler supervisory device	SP	Cone type speaker		Other supervisory devices
RI	Remote indicator unit	EM	Fault isolation module	HSP	Horn type speaker		Other type of detector
PS	Pressure switch	BS	Bell & Strobe				

Inspection and Testing of Fire Alarm Systems

Date July 17, 2014	Building Name: K064 Killam R.C.M.P	

A. Correctly installed.	D. Annunciator indication confirmed.
B. Requires Service, Repairs, missing, or cleaning	E. Zone circuit number or address
C. Alarm operation confirmed	

"Y" - Acceptable "N" – Unacceptable (Explain NO answers in comments) "NA" Not applicable

Device	Location	A	B	C	D	E	Remarks
DS	East duct	Y	NA	Y	Y	Y	
RHT	Crawl space north	Y	NA	Y	Y	Y	
RHT	Crawl space south	Y	NA	Y	Y	Y	
RHT	Crawl S/W	Y	NA	Y	Y	Y	
S	Cell storage	Y	NA	Y	Y	Y	
S	Secure exhibits room	Y	NA	Y	Y	Y	
HT	Garage	Y	NA	Y	Y	Y	
RHT	Basement storage	Y	NA	Y	Y	Y	
S	Cell storage room	Y	NA	Y	Y	Y	
S	Secure exhibits	Y	NA	Y	Y	Y	

M.	Manual Pull station	DS	Duct smoke detector	B	Bell	AD	Ancillary device
HT	Heat detector, non restorable	SFD	Supporting field device - monitor	H	Horn	ET	Emergency Telephone
RHT	Heat detector, Restorable	FS	Sprinkler flow switch	V	Visual signal appliance	EOL	End of line resistor
S	Smoke detector	SS	Sprinkler supervisory device	SP	Cone type speaker		Other supervisory devices
RI	Remote indicator unit	EM	Fault isolation module	HSP	Horn type speaker		Other type of detector
PS	Pressure switch	BS	Bell & Strobe				

Inspection and Testing of Fire Alarm Systems
Signal Devices Record

Date July 17, 2014	Building Name: K064 Killam R.C.M.P

A. Correctly installed.
B. Requires Service, Repairs, missing, or cleaning
C. Alarm operation confirmed

"Y" - Acceptable "N" – Unacceptable (Explain NO answers in comments) "NA" Not applicable

Device	Location	A	B	C	Remarks
H/S	Secure storage	Y	NA	Y	
H/S	Furnace room	Y	NA	Y	
H/S	Work out room	Y	NA	Y	
H/S	Work out exit	Y	NA	Y	
H/S	Crawl space	Y	NA	Y	
H/S	Front entrance	Y	NA	Y	
H/S	Garage	Y	NA	Y	
H/S	Hallway	Y	NA	Y	
H/S	Cell hall way	Y	NA	Y	
H/S	Holding area	Y	NA	Y	

M.	Manual Pull station	DS	Duct smoke detector	B	Bell	AD	Ancillary device
HT	Heat detector, non restorable	SFD	Supporting field device - monitor	H	Horn	ET	Emergency Telephone
RHT	Heat detector, Restorable	FS	Sprinkler flow switch	V	Visual signal appliance	EOL	End of line resistor
S	Smoke detector	SS	Sprinkler supervisory device	SP	Cone type speaker		Other supervisory devices
RI	Remote indicator unit	EM	Fault isolation module	HSP	Horn type speaker		Other type of detector
PS	Pressure switch	BS	Bell & Strobe				

CENTRATECH TECHNICAL SERVICES LTD.
ANNUAL MAINTENANCE RECORD

Hydrostatic Testing - Breathing Air - Fire Extinguisher Sales, Service, Recharging

"Your Fire and Safety Specialists"

CUSTOMER: K064 Killam R.C.M.P

ADDRESS: 4915 - 49th Ave
Killam, Alberta

CONTACT: Alyssa

PHONE: (403) 716-4323

JOB TICKET/INVOICE:

DATE: July 17, 2014

TECHNICIAN: Korey

CASH/ACCOUNT: Account/PO Required

PO# (if required):

#	EXTINGUISHER LOCATION	EXT. SERIAL #	EXT. MAKE	CO	EXT. TYPE	HP	SP	YR MFG	YR HT	YR 6YR	YRHT CART	COMMENTS
1	Back Door	23981551	Amerex		5 ABC		X	14				New 2014
2	Basement	98831	Amerex		10 ABC		X	04				Inspection
3	Upstairs	344952	Strike		5 ABC		X	08		14		6 Year 2014
4	Holding Area	101541	Amerex		10 ABC		X	05		11		Inspection
5	Guard Station	869524	Strike		5 ABC		X	06		12		Inspection
6	Basement Server	834893	Ansul		5 Halotron		X	10				Inspection
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
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23												
24												
25												
26												
27												
28												
29												
30												

COMMENTS:

Banff Fire and Safety

Fire Alarm Inspection Report

Customer:	**ROYAL CANADIAN MOUNTED POLICE**
	LAKE LOUISE DETACHMENT
Location:	102 Village Road, Lake Louise
Date:	July 18, 2014
Contact:	SNC Lavalin - Stan (403) 888-3605
Contact:	
Inspected By:	Dennis Olsen/Paul Marinelli

Make of Panel:	Edwards	2280
Make of Smoke Detectors:	Edwards	6249 C & 1400A
Make of Heat Detectors:	Edwards	283 C
Make of Alarm Pull Box:	Edwards	270 SPO
Make of Alarm Signal:	Edwards	6" Bell

Bell Zones:

Z1 ~ Whole Building

Zones:

Z1 ~ Main Floor Office Area
Z2 ~ Secure Exhibit & Overnight Exhibit
Z3 ~ Cold Storage & Secure Bay
Z4 ~ Cell Block Area
Z5 ~ Cell # 2
Z6 ~ Cell # 3
Z7 ~ Hard Interview Room
Z8 ~ Basement Area

EOL:	Location:	Device:	Zone:	Operation:	Comments:
	Main Entrance	Pull	1	OK	
	Administration	Fixed Heat	1	OK	
	Administration	Bell	1	OK	
	Soft Interview Room	Fixed Heat	1	OK	
	NCO Office	Fixed Heat	1	OK	
	File Room	Fixed Heat	1	OK	
	Rear Exit	Pull	1	OK	
	Lunch Room	Fixed Heat	1	OK	
	Men's Washroom	Fixed Heat	1	OK	
	Ladies Washroom	Fixed Heat	1	OK	
	Exhibit Locker Room - outer	Fixed Heat	1	OK	
	Exhibit Locker Room - inner	Fixed Heat	2	OK	
	Garage Area	Bell	1	OK	
	Garage Area	Pull	3	OK	

	Garage Area	Fixed Heat	3	OK	
	Garage Storage Room	Heat Fixed	3	OK	
	Cell Block Hallway	Smoke	4	OK	
	Cell Block Hallway	Smoke	4	OK	
	Cell Block Hallway	Smoke	4	OK	
✓	Finger Print Room	Fixed Heat	4	OK	
	Guard Room	Pull	4	OK	
	Guard Room	Fixed Heat	4	OK	
	Guard Room - Storage	Fixed Heat	4	OK	
	Top of Basement Stairs	Smoke	8	OK	should be on it's own zone
	Basement Entrance	Pull	8	OK	
	Weight Room	Bell	1	OK	
	Weight Room	Fixed Heat	8	OK	
	Weight Room	Fixed Heat	8	OK	
	Gun Room	Fixed Heat	8	OK	
	Janitor's Room	Fixed Heat	8	OK	
	Furnace Room	Fixed Heat	8	OK	
	Electrical Room	Fixed Heat	8	OK	
	Fire Dampers - Check that all dampers are free to close (no obstructions) and in the open position				
	LOCATION:	**DEVICE:**	**LOCATION**	**OPERATION**	**COMMENTS:**
	Basement				
	Gun Room	Damper	Door	165°F	
	Janitor Room	Damper	Door	165°F	
	Electrical Room	Damper	Door	165°F	
	Mechanical Room (#1)	Heating Damper			Operated by Building Heating System
	Mechanical Room (#2)	Heating Damper			
	Main Floor				
	Inner Evidence Room	Damper	Ceiling	165°F	
	Outer Evidence Room	Damper	Door	165°F	
	Interrogation Room	Damper	Ceiling	165°F	
	Prisoner Shower Room	Damper	Ceiling	165°F	
	Cell #1	Damper	Ceiling	165°F	
	Breathalizer Room	Damper	Ceiling	165°F	
	Cell #2	Damper	Ceiling	115°F	

Annunciator: Location: N/A

Main Panel Power Supply Test: Circuit Breaker Location: Bsmnt Elec Rm - Panel E CCT#1

Circuit Breaker Model: Sylvania

	Protected:	YES
	Locked and Red:	YES
Main Panel Batteries Test:	Damage?	NO
	Protected?	YES
	Ventilated?	YES
	Fused Charging Tested at:	27.9 volts
	Load Cycle Tested to:	27.3 volts
	Battery Date	Jul 13
	Battery Size	(2) 12volt 7amp
Control Panel:	Functioning:	OK
	Lamps/Indicators:	OK
	Supervisory:	OK
Security Monitoring:	System Monitored:	YES
	Security Company	Reliance Protection Security
	Contact Number	1-800-653-9111
	Account Number	#G8D-1303
	Password	N/A

Comments:

1. The emergency light packs were tested. Please see individual report.
2. As a building owner or property manager, we recommend that you conduct a monthly fire alarm test as per CAN/ULC – 5536 – 04 4.2.1. "While on the emergency power supply, inspect and test the fire alarm system monthly to confirm it is operating properly." Should you require assistance or training to perform this task, please call our office for further information.

The fire alarm system, located at **R.C.M.P. ~ LAKE LOUISE DETACHMENT**, has been tested in accordance with CAN/ULC-S536-04 on **July 18, 2014**. The above report clearly defines items that are satisfactory as well as identifying deficiencies. All deficiencies must be corrected for the system to be certified.

Signature of Inspector: Dennis Olsen/Paul Marinelli

18 Jul 14 PKX4413/996796

Banff Fire and Safety

Emergency Light Test Report

Customer: **ROYAL CANADIAN MOUNTED POLICE**
LAKE LOUISE DETACHMENT

Location: 102 Village Road, Lake Louise

Date: July 18, 2014

Contact: SNC Lavalin - Stan (403) 888-3605

Contact: Cpl Vendenbrink/Howard 403-522-3812

LOCATION:	DEVICE:	MT	OPERATION:	COMMENTS:
Administration Area	6volt 100watt	6	OK	
Weight Room	6volt 36watt	2	OK	

Comments:

Banff Fire and Safety

Fire Extinguisher Inspection Report

Deficiencies Exist

Company Name: **ROYAL CANADIAN MOUNTED POLICE**
LAKE LOUISE DETACHMENT

Street Address: 102 Village Road, Lake Louise

Contact: SNC Lavalin - Stan (403) 888-3605

Contact: Cpl Vendenbrink/Howard 403-522-3812

Month: July 18, 2014

Location	Serial #	Type	D.O.M.	History	2013	2014	2015	Comments
Detachment								
Computer Room	869522	5 Halotron	2012		A	A		
Office Area	664007	5 ABC	2009		A	A		
Lunch Room	664018	5 ABC	2009		A	A		
Guard Room	664021	5 ABC	2009		A	A		
Back Door	664001	5 ABC	2009		A	A		
Basement	222359	5 ABC	2001	6yr'07, RC'08	HT	A		
Garage	14023	5ABC	2001	RC'03, 6yr'09 RC'10	HT	A		
Vehicles								
Car 2A53	221170	5 ABC	2001	6yr'08	X	X		Not Available
Car 2A40	116121	5 ABC	1998	RC'02, 6yr'07 HT'10	A	X		Not Available
Car 2E52	14025	5ABC	2001	RC'02, 6yr'08 RC'10		X		Not Available
Truck	204639	5ABC	2000	HT'12		A		
Housing								
5-A	664009	5 ABC	2008			X		Not Available
5-A	664002	5 ABC	2008			X		Not Available
5-A	664004	5 ABC	2008			X		Not Available
5-A	368562	5 ABC	2008		A	X		Not Available
5-B	835919	5 C02	1982	HT'99, HT'09		X		Not Available
5-B	835982	5 C02	1982	HT'94, HT'99 HT'07, HT'12		X		Not Available

7-A	664006	5 ABC	2009		A	**X**		**Not Available**
7-A	204639	5 ABC	2000	RC'01, 6yr'07, HT'12	A	**X**		**Not Available**
7-B	835930	**5 C02**	1982	HT'99, HT'02 HT'07, HT'12		**X**		**Not Available**
7-B	661534	5 ABC	2009		A	**X**		**Not Available**
7-B	664003	5 ABC	2009		A	**X**		**Not Available**
Mount Temple	23892163	5 ABC	2014			**New**		

Comments:

1. Several fire extinguishers were not available to complete testing. All fire extinguishers require testing annually to ensure operation in the event of an emergency.
2. Supplied and installed (1) new fire extinguisher in the Mount Temple Staff Accomodation.

KOST FIRE – SAFETY

1710A - 31 St. N., Lethbridge, AB T1H 5H1
Phone: 403-331-5678 Fax: 403-331-5679

Pg 1 of 4 Barry

PORTABLE FIRE EXTINGUISHER SERVICE REPORT

CUSTOMER NAME: RCMP. Lethbridge	DATE: Feb 18, 2014
OWNER'S NAME & ADDRESS:	LOCATION: Lethbridge AB.
BILL TO ADDRESS:	TIME IN:
SHIP TO ADDRESS:	TIME OUT:

PHONE # FAX # P.O. #

	LOCATION	MAKE	TYPE	SIZE	SERIAL #	SERVICE	6 YEAR MAINT. RECH.	HYDRO	RECH.	YEAR MADE	LAST HYDRO TEST	LAST 6 YEAR MAINT.	HYDRO TEST N2CART	MISC. & PARTS TOTAL
1	Emergency Power	Ame	Co2	10 ✓	473530	✓				08	12			
2														
3	Basement Hall	Ame	ABC	10 ✓	223102		✓			08				
4	Mens Change Rm	Ame	ABC	5 ✓	092419	✓				97	09			
5	Telephone Rom	Ame	Co2	10 ✓	788096	✓				11				
6	Boiler Room outside	Ame	Co2	10	473532	✓				08	13			
7	Boiler Room	Ame	ABC	10 ✓	224657		✓			08				
8	Conference Room	Ame	ABC	5 ✓	109356	✓				07	13			
9	~~Rm 112A~~	~~Ame~~	~~ABC~~	~~5~~	~~092410~~	~~✓~~	~~Replaced~~	~~✓~~	~~✓~~	~~97~~		~~03~~		
10	Main Hall	Ame	ABC	10 ✓	221652		✓			08				
11	Garage Basement	Ame	ABC	10	95836	✓				10				
12	Garage Basement	Ame	ABC	10	247305	✓				16				
13	Garage G	Ame	ABC	10 ✓	222983		✓			08				
14	Garage M	Ame	ABC	10 ✓	228658		✓			08				
15	Garage M	Ame	ABC	5 ✓	312500	✓				09				
16	Garage M	Ame	ABC	10 ✓	222201		✓			08				
17	Garage M	Pyrene	Co2	15 ✓	374775	✓				00	10			
18	Garage Electrical	Ame	Co2	5 ✓	Couldn't get into.									
19	Outside Garage	Ame	ABC	10	631252	✓				07	13			
20	2nd Floor By File Room	Ame	Co2	5	561441			✓	✓	09				

PARTS	EACH	TIMES	TOTALS

SIGNATURE D. P. Gomes

KOST FIRE – SAFETY

1710A - 31 St. N., Lethbridge, AB T1H 5H1
Phone: 403-331-5678 Fax: 403-331-5679

PORTABLE FIRE EXTINGUISHER SERVICE REPORT

Pg 2 of 4 Barry

CUSTOMER NAME: RCMP	DATE: Feb 18, 2014
OWNER'S NAME & ADDRESS:	LOCATION: Lethbridge AB.
BILL TO ADDRESS:	TIME IN:
SHIP TO ADDRESS:	TIME OUT:

PHONE # FAX # P.O. #

	LOCATION	MAKE	TYPE	SIZE	SERIAL #	SERVICE	6 YEAR MAINT. RECH.	HYDRO	RECH.	YEAR MADE	LAST HYDRO TEST	LAST 6 YEAR MAINT.	HYDRO TEST N2CART	MISC. & PARTS TOTAL
1	2ND Floor File Rm	Ame	ABC	5	321743		✓			08				
2	2ND Floor Middle	Ame	ABC	10	221757		✓			08				
3	2ND Floor Mail Room	Pyrene	CO2	15	374827	✓				00	12			
4	2ND Floor Room 204	Ame	CO2	5	562082			✓	✓	09				
5	3RD FLOOR HALL	AME	ABC	10	221846		✓			08				
6	Floor Room 112A	AME	ABC	5	697913	NEW				13				
7	Rm 305 Chemical Room	Sentry	ABC	5	182168	✓				91	03	09		
8	Rm 305 Chemical Room	Hag	ABC	10	138236	✓				90	03	09		
9	Rm 305 Chemical Room	Ame	CO2	5	138469	✓				06	12			
10	Rm 305 Chemical Rm	Sentry	ABC	5	182145	✓				91	03	09		
11														
12	Please note Could Not Get into the Electrical Room													
13	in the Garage													
14	Emergency Lights 1 Hr Located (Barry)													
15														
16	Fire Alarm Inspection Fire Door's Etc (Kyle)													
17														
18														
19														
20														

PARTS

EACH											
TIMES											
TOTALS											

SIGNATURE _____

Pg 3 of 4

KOST FIRE - SAFETY

Kost Fire Equipment Ltd.(O/A Kost Fire Safety)
1710A - 31 St. North, Lethbridge, AB T1H 5H1
PH: 403-331-5678 FAX: 403-331-5679

BARRY.

EMERGENCY LIGHTING & PARTS SERVICE REPORT

CUSTOMER NAME: RCMP	DATE: Feb 18, 2014
OWNERS NAME & ADDRESS:	LOCATION: Lethbridge
BILLTO ADDRESS:	TIME IN:
SHIP TO ADDRESS:	TIME OUT:
PHONE#	FAX # / PO#

	EMERGENCY LIGHTING LOCATION	UNIT, MAKE & MODEL	TYPE (EXIT, SINGLE REMOTE, DOUBLE REMOTE, POWER)	COMME
1	Basement Hall	Lumacell	Power Unit	Good
2	Basement N Exit		Exit	Good
3	Basement N Stairs		Single Remote	Good
4	Basement S. Exit		Exit	Good
5	Basement S. Stairs		Single Remote	Good
6	Main Floor Hall	Lumacell	Power Unit	Good
7	Main Floor N Exit		Exit	Good
8	Main Floor N. Exit		Exit	Good
9	Main Floor N. Stairs		Double Remote	Good
10	Main Entrance Middle		Exit	Good
11	Main Floor S Exit		Exit	Good
12	Main Floor Exit		Exit	Good
13	Main Floor S Stairs		Double Remote	Good
14	Conference Room	Emerg. Lite	Power Unit	Good
15	2ND Floor Middle	Lumacell	Power Unit	Good
	EMERGENCY LIGHTING TOTALS			

PARTS #	QUANTITY	PARTS #	C

SIGNATURE:

19 Tag 7

KOST FIRE - SAFETY

Kost Fire Equipment Ltd.(O/A Kost Fire Safety)
1710A - 31 St. North, Lethbridge, AB T1H 5H1
PH: 403-331-5678 FAX: 403-331-5679

BARRY.

EMERGENCY LIGHTING & PARTS SERVICE REPORT

CUSTOMER NAME: RCMP	DATE: Feb 18, 2014
OWNERS NAME & ADDRESS:	LOCATION: Lethbridge A
BILLTO ADDRESS:	TIME IN:
SHIP TO ADDRESS:	TIME OUT:
PHONE#	FAX# / PO#

	EMERGENCY LIGHTING LOCATION	UNIT MAKE & MODEL	TYPE (EXIT, SINGLE REMOTE, DOUBLE REMOTE, POWER)	COMME
1	2ND Floor N Exit		Exit	GOOD
2	2ND Floor N Stairs		Double Remote	GOOD
3	2ND Floor S Exit		Exit	GOOD
4	2ND Floor Stairs		Double Remote	GOOD
5	3RD Floor Hall	Lumacell	Power Unit	GOOD
6	3RD Floor N Exit		Exit	GOOD
7	3RD Floor Stairs		Single Remote	GOOD
8	3RD Floor S Exit		Exit	GOOD
9	3RD Floor S Stairs		Single Remote	GOOD
Rm 305 10	3RD Floor Storage	EDWARDS	Power Unit	GOOD
11	Generator Room Basement		Power Unit	GOOD
12				
13				
14				
15				

EMERGENCY LIGHTING TOTALS	21	1½ Hr labour

PARTS #	QUANTITY	PARTS #	C

SIGNATURE:

FIRE ALARM SYSTEM ANNUAL TEST AND INSPECTION REPORT

BUILDING NAME AND ADDRESS: Lethbridge RCMP. 427-Stafford dr. S.

BUILDING NUMBER _____ PROP. NO. _____ DATE: Feb-18/14

PERSON CONTACTED Callahan PHONE NO. 329-5080 329-5045

SYSTEM MANUFACTURER Notifier MODEL # AFP-200 OPERATION SINGLE ✓ DOUBLE _____

TEST RESULTS (Every line must have the appropriate marking in the space provided)

1. The fire alarm system functioned correctly under general alarm condition Yes ✓ No ____

2. Location of 6 most remote alarm initiating devices operated with main A.C. power off
   1. Room #214 west — smoke detector
   2. Room #305 — Heat detector
   3. Rm. #112 Closet — Heat detector
   4. Traffic Unit — Smoke detector
   5. Garage Northeast — Heat detector
   6. Boiler Room North — Heat detector

   The fire alarm system functioned correctly during the above test Yes ✓ No ____

3. Each manual alarm initiating device has been individually tested.*(Note 1) ✓ No. of devices 12
4. Each automatic alarm initiating device has been tested. *(Note 1) ✓ No. of devices 30
5. Each audible and visual signaling device has been tested. *(Note 1) ✓ No. of devices 14
6. Correct annunciation has been confirmed for each device tested. *(Note 1) ✓

*Note 1 – Details of these tests including all initiating and signaling field devices shall be recorded on the accompanying forms.

SUMMARY

1. The fire alarm system is now full functional.OR Yes ✓ No ____
2. The fire alarm system is operational with minor deficiencies noted on the pages attached. Yes ____ No ✓
3. The fire alarm system has major deficiencies noted on the pages attached. Yes ____ No ✓
4. A copy of this report has been given to Callahan who is the owner or owner's representative for this building. Yes ✓ No ____

Kyle Heitman — Printed Name & Signature of Supervising Technician Conducting the Test

KOST Fire-Safety — Company

403-894-5953 — Telephone Number

Alberta Fire Code requires that this record be maintained by the building owner for a minimum of two (2) years.

This is to certify that the fire alarm system has been tested in accordance with Section 4. Periodic Testing of Fire Alarm System ULC S536-96 and these records document the result of testing performed.

TECHNICIANS PRE-TEST CHECK LIST

1. Do you have a city tie? If so, take necessary steps to alert Central Station/Fire Department, etc.

   Do not use the fire department emergency telephone number. No N/A.

Name of Person Contacted at the Central Station or Fire Department _____

Title _____

Time Out: _____

Time In: _____ Date: _____

Time Out: _____

Time In: _____ Date: _____

Time Out: _____

Time In: _____ Date: _____

2. Do you have auxiliary functions that can impair building functions such as elevator capture, fan shutdown, door holders, etc.? yes

   Can these be disabled and tested by groups? yes

3. Have building occupants been made aware of fire alarm testing? yes
4. Has a pre-determined time been established for testing signaling devices? yes
5. Have provisions been made for acquiring access to the secured areas of the building? Are spare reset and panel keys available? yes
6. Has an alternative plan been established to alert occupants and local fire department should an actual fire condition occur during testing? yes

JOB NAME: Leth. R.C.M.P. TECHNICIAN: Kyle Hartman

PROP NO: _____

CONTROL EQUIPMENT TEST RECORD

Every line must have the appropriate marking in the box provided

☑ Yes, Tested Correctly ☒ No, Did Not Test Correctly (See Remarks) N/A Not Applicable, Functi Or Feature Not Provide This Fire Alarm Systen

CONTROL PANEL TESTS

"Power on" indicator	✓
Common trouble lamp	✓
Common trouble signal	✓
Trouble silence switch	✓
A.C. power failure trouble	✓
Ground detection lamp	✓
Ground detection trouble	✓
General alarm operation	✓
General alarm automatic cut-out timer minutes	N/A
Control panel interconnection to fire department confirmed	N/A
Alarm signal silence operation	✓
Alarm signal silence lamp	✓
Alarm signal silence inhibit 1 minute	N/A
Alarm initiating circuits individually tested for alarm	✓
Alarm lamp operation (individually tested)	✓
Alarm lamp designation checked	✓
All audible alarm signals operated on A.C. power	✓
Audible alarm signals programmed per specifications	✓
All audible alarm signal circuits operate on general alarm when powered by battery stand-by or stand-by emergency power	✓
Auxiliary relays operate	✓
Auxiliary relays programmed per specifications	✓
Emergency voice paging interface operation	N/A
Trouble lamps (initiating circuits)	✓
Trouble lamps (signal circuits)	✓
Lamp test	✓
Module alignment	✓
Plug in components securely in place	✓
Clean exposed electrical contacts	✓
Designation indications for common control and indicators	✓
Reset operation	✓
Clean glass and door	✓
Control panel lock	✓
Cleanliness	✓

BATTERY TESTS

Battery type 12Volt 7.2amp/hr x2	
Battery voltage (A.C. power on) 27.1	VDC
Battery charging current	mA
Battery voltage (A.C. power off – supervisory condition) 25.3	VDC
Battery voltage (A.C. power off – general alarm condition)full load 24.8	VDC
Battery inspected for physical damage	✓
Battery terminals cleaned and lubricated	✓
Battery terminals clamped tightly	✓
Electrolyte level checked	N/A
Specific gravity of electrolyte per manufacturer's specifications	N/A
The above tests have been conducted in accordance with the manufacturers literature	✓

VOICE COMMUNICATION TESTS

Indicate N/A here if no voice communications system	N/A
"Power on" indicator	
Communication system trouble lamp	
Communication system trouble signal	
Communication system trouble silence switch	
Paging all call switch	
Paging all call lamp	
Individual paging zone select switches (individually tested)	
Individual paging zone select indicators	
Trouble lamps voice paging	
Microphone press to talk switch	
Operation of voice communication system does not interfere with first minute of alarm signaling	
Emergency voice paging loudness level	
Emergency voice paging operates on all call when powered by emergency stand-by power	
Fire-fighters telephone call-in lamp	
Fire-fighters telephone call-in audible signal	
Individual telephone zone select switches (individually tested)	
Individual telephone zone select indicators	
Fire-fighters telephone verbal communication	
Module alignment	
Plug in components securely in place	
Clean exposed electrical contacts	
Designation indicators for common control and indicators	
Clean glass and door	
Control panel lock	
Cleanliness	
The above tests have been conducted in accordance with the manufacturers literature	

REMOTE TROUBLE UNIT

Trouble lamp	
Trouble signal	

ANNUNCIATOR TESTS

Annunciator alarm lamp operation (individually tested)	✓
Annunciator alarm lamp designation checked (as per attached list)	✓
Trouble lamp	✓
Trouble signal	✓
"Power on" lamp	✓
Lamp test	✓
Lamp supervision	✓
Signal silence lamp	✓
Annunciator (auxiliary functions)	✓
Cleanliness	✓

ANCILLARY DEVICES TESTS

Specific Device		
Fan shut down		✓

TECHNICIANS AFTER TEST CHECK LIST

Reconnect auxiliary functions (off-site connections)	✓
Reconnect ancillary functions .	✓
Reconnect time limit cut – outs	N/A
Reconnect signal power	✓
Advise building management work completed	✓
Advise fire department work completed	✓
Ensure that the alarm system is functional	✓

DEVICE TESTING – LEGEND AND NOTES

DEVICE	DESCRIPTION	TYPE	MODEL #	DEVICE	DESCRIPTION	TYPE	MODEL#
M	Manual Pull Station	Notifier		B	Bell		
HT	Heat detector fixed temp.			K.	Horn (klaxon type)	Notifier	
RHT	Heat detector rate of rise	Notifier		C	Chime		
S	Smoke detector	Notifier		V	Visual alarm appliance	Notifier	
DS	Duct smoke detector			SP	Loudspeaker		
FS	Sprinkler flow switch (Note 2)			HSP	Horn Loudspeaker		
TS	Sprinkler tamper switch (Note 3)			T	Fire-fighters telephone		
SA	Smoke alarm single-station Type (Note 4)			AD	Ancillary devices		

NOTE 1 – Confirmation of wiring supervision to each individual device is only required during installation verification or a complete building audit of the system and is not required at the annual test.

NOTE 2 – For sprinkler flow switches indicate the time delay of flow indicator in the remarks column.

NOTE 3 – Sprinkler tamper switches cause a trouble condition to be annunciated but not an alarm condition.

NOTE 4 – Single-station smoke alarms are not part of the fire alarm system but testing of such devices may be required by the authority having jurisdiction.

NOTE 5 – Identify the specific ancillary devices in the remarks column.

Remarks

Smoke detectors are still ok, but sensitivity is becoming an issue, due to age of sensors.
Rm # 108 has a strobe that is not working

FIRE ALARM ANNUAL TEST AND INSPECTION REPORT

PAGE ___ OF ___

BUILDING NAME:

PROP NO.

LOCATION	DEVICE	CORRECTLY INSTALLED	MISSING	REQUIRES SERVICE OR REPAIRS	ALARM OPERATION CONFIRMED	CIRCUIT NUMBER	ANNUNCIATION INDICATION CONFIRMED	SUPERVISION CIRCUIT CONFIRMED
Garage S. Exit	P.S.	/			/	5		
Generator Rm. W.	H.D.	/			/	1		
Generator Rm. E.	H.D.	/			/	1		
North Boiler Rm.	H.D.	/			/	1		
Rm. #206	S.D.	/			/	3		
Rm. #214 W.	S.D.	/			/	3		
Rm. #214 E.	S.D.	/			/	3		
Rm #213A	S.D.	/			/	3		
3rd flr. Lab N.	H.D	/			/	4		
3rd flr. Lab S.	H.D.	/			/	4		
Studio	H.D.	/			/	4		
Rm. #305	H.D.	/			/	4		
Rm #303	S.D.	/			/	4		
3rd flr. N. Storage	H.D.	/			/	4		
Garage Basement Storage	H.D.	/			/	5		
" " "	H.D.	/			/	5		
Basement Garage Car Ports	H.D.	/			/	5		
Rm. #112 Closet	H.D.	/			/	2		
Traffic Unit	S.D.	/			/	3		
Traffic Unit	S.D.	/			/	3		
Basement Garage Air Compressor	H.D.	/			/	5		
Garage Basement Gun Range	H.D.	/			/	5		
" " "	H.D	/			/	5		
" " "	H.D	/			/	5		

INSPECTION A TECHNICIAN: DATE:

FIRE ALARM ANNUAL TEST AND INSPECTION REPORT

PAGE ___ OF ___

BUILDING NAME: Lethbridge RCMP

PROP NO.

LOCATION	DEVICE	CORRECTLY INSTALLED	MISSING	REQUIRES SERVICE OR REPAIRS	ALARM OPERATION CONFIRMED	CIRCUIT NUMBER	ANNUNCIATION INDICATION CONFIRMED	SUPERVISION CIRCUIT CONFIRMED
N. Corridor Exit	P.S.	/			/	2		
S. Corridor Exit	P.S.	/			/	2		
Main Entrance	P.S.	/			/	2		
2nd flr. N. Exit	P.S.	/			/	3		
2nd flr. S. Exit	P.S.	/			/	3		
3rd flr. N. Exit	P.S.	/			/	4		
3rd flr. S. Exit	P.S.	/			/	4		
N. stairwell	S.D.	/			/	4		
S. stairwell	S.D.	/			/	4		
Basement N. Exit	P.S.	/			/	1		
Basement S. Exit	P.S.	/			/	1		
Telephone Rm.	H.D.	/			/	1		
Boiler Rm. W.	H.D.	/			/	1		
Boiler Rm. E.	H.D.	/			/	1		
Furnace Rm.	H.D.	/			/	1		
Garage N.W.	H.D.	/			/	5		
Garage N.E.	H.D.	/			/	5		
Garage S.W.	H.D.	/			/	5		
Garage S.E.	H.D.	/			/	5		
Garage Tech. Rm	H.D.	/			/	5		
Garage Parts Rm.	H.D.	/			/	5		
Garage Boiler Rm	H.D.	/			/	5		
Garage Basement	H.D.	/			/	5		
Garage Basement Exit	P.S.	/			/	5		
Garage N. Exit	P.S.	/			/	5		

INSPECTION A TECHNICIAN: DATE:

FIRE ALARM ANNUAL TEST AND INSPECTION REPORT

PAGE ___ OF ___

BUILDING NAME: Lethbridge RCMP

PROP NO.:

LOCATION	DEVICE	CORRECTLY INSTALLED	MISSING	REQUIRES SERVICE OR REPAIRS	ALARM OPERATION CONFIRMED	CIRCUIT NUMBER	ANNUNCIATION INDICATION CONFIRMED	SUPERVISION CIRCUIT CONFIRMED
Rm.# 106	Strobe	✓			✓			
Rm# 108	Strobe	✓		X				
1st flr. x 3	H/S	✓			✓			
2nd flr x 2	H/S	✓			✓			
3rd flr x 3	H/S	✓			✓			
Basement x 2	H/S	✓			✓			
Garage x 4	H/S	✓			✓			
Garage Basement x2	H/S	✓			✓			

INSPECTION A TECHNICIAN: DATE:

APPENDIX E (INFORMATIVE) – ANNUAL FIRE ALARM SYSTEM TEST AND INSPECTION RECORDS

(Reference: 3.7, 5.1.1, 5.1.2)

E1. FIRE ALARM SYSTEM ANNUAL TEST AND INSPECTION REPORT

(Reference: 5.1.2)

Building name:	Milk River RCMP	Date:	Aug. 21/14
Address	605 Main Street North		
System manufacturer:	Simplex	Model number:	4008

A	System provides single-stage operation.	Yes ☑	No ☐	–
B	System provides two-stage operation.	Yes ☐	No ☒	–
C	The entire *fire alarm system* has been inspected and tested in accordance with CAN/ULC-S536, Inspection and Testing of Fire Alarm Systems.	Yes ☑	No ☐	–
D	The *fire alarm system* documentation is on site and includes a description of the system.	Yes ☐	No ☐	N/A ☐
E	The *fire alarm system* is fully functional.	Yes ☑	No ☐	N/A ☐
F	The *fire alarm system* has deficiencies noted on the pages attached.	Yes ☐	No ☑	N/A ☐
G	Comments			
H	A copy of this report will be given to the following, who is the owner or owner's representative for this *building:* SNC Lavalin	Yes ☑	No ☐	–

This is to certify that the information contained in this Fire Alarm System Annual Test and Inspection Report is correct and complete.

Kyle Heitman	Kost Fire-Safety	403-894-5953
Printed Name of Primary or Supervising Technician Conducting the Test and Inspection	Company	Telephone
Signature of Primary or Supervising Technician Conducting the Test and Inspection	4998 Identification Number of Primary or Supervising Technician Conducting the Test and Inspection	

Printed Name of Technician Conducting the Test and Inspection	Company	Telephone
Signature of Technician Conducting the Test and Inspection	Identification Number of Technician Conducting the Test and Inspection	

E2. CONTROL UNIT OR TRANSPONDER TEST RECORD

YES ☐ = Tested Correctly NO ☐ = Did not test correctly (REFER TO REMARKS, E2.12) N/A ☐ = Not applicable FUNCTION OR FEATURE NOT PROVIDED ON THIS FIRE ALARM SYSTEM

E2.1 CONTROL UNIT OR TRANSPONDER TEST

(Reference: Clauses 5.1.3, 5.2.2.1)

Control unit or *transponder* location:	Main Entrance
Control unit or *transponder* identification:	4008

A	Power 'ON' visual indicator operates.	Yes ☑	No ☐	N/A ☐
B	Common visual *trouble signal* operates.	Yes ☑	No ☐	N/A ☐
C	Common audible *trouble signal* operates.	Yes ☑	No ☐	N/A ☐
D	*Trouble signal* silence switch operates.	Yes ☑	No ☐	N/A ☐
E	*Main power supply* failure *trouble signal* operates.	Yes ☑	No ☐	N/A ☐
F	*Ground fault tested* on positive and negative initiates *trouble signal.*	Yes ☑	No ☐	N/A ☐
G	*Alert signal* operates.	Yes ☐	No ☐	N/A ☑
H	*Alarm signal* operates.	Yes ☑	No ☐	N/A ☐
I	Automatic transfer from *alert signal* to *alarm signal* operates.	Yes ☐	No ☐	N/A ☑
J	Manual transfer from *alert signal* to *alarm signal* operates.	Yes ☐	No ☐	N/A ☑
K	Automatic transfer from *alert signal* to *alarm signal* cancel (acknowledge) feature operates on a two-stage system.	Yes ☐	No ☐	N/A ☑
L	*Alarm signal* silence inhibit function operates.	Yes ☑	No ☐	N/A ☐
M	*Alarm signal* manual silence operates.	Yes ☑	No ☐	N/A ☐
N	*Alarm signal* silence visual indication operates.	Yes ☑	No ☐	N/A ☐
O	*Alarm signal*, when silenced, automatically reinitiates upon *subsequent alarm.*	Yes ☑	No ☐	N/A ☐
P	*Alarm signal* silence automatic cut-out timer.	Time: 1 min		
Q	Audible and visual *alert signals* and *alarm signals* programmed and operate per *design* and *specification*; or documentation as detailed in Appendix C, Description of Fire Alarm System for Inspection and Test Procedures.	Yes ☑	No ☐	N/A ☐
R	*Input circuit*, alarm and supervisory operation, including audible and visual indication operates.	Yes ☑	No ☐	N/A ☐
S	*Input circuit* supervision fault causes a trouble indication.	Yes ☑	No ☐	N/A ☐
T	*Output circuit* alarm indicators operate.	Yes ☑	No ☐	N/A ☐

E2.1 continued...

...Continued E2.1

U	*Output circuit* supervision fault causes a trouble indication.	Yes ☑	No ☐	N/A ☐
V	Visual indicator *test* (lamp *test*).	Yes ☑	No ☐	N/A ☐
W	Coded signal sequences operate not less than the required number of times and the correct *alarm signal* operates thereafter.	Yes ☑	No ☐	N/A ☐
X	Coded signal sequences are not interrupted by *subsequent alarms*.	Yes ☑	No ☐	N/A ☐
Y	*Ancillary device* by-pass will result in a *trouble signal*.	Yes ☑	No ☐	N/A ☐
Z	*Input circuit* to *output circuit* operation, including *ancillary device* circuits, for correct program operation, as per *design* and *specification*, or documentation as detailed in Appendix C, Description of Fire Alarm System for Inspection and Test Procedures.	Yes ☑	No ☐	N/A ☐
AA	*Fire alarm system* reset operates.	Yes ☑	No ☐	N/A ☐
BB	*Main power supply* to *emergency power supply* transfer operates.	Yes ☑	No ☐	N/A ☐
CC	*Status change confirmation* (*smoke detectors* only) verified. [Refer Subsection 5.7.4.3, Status Change Confirmation (Alarm Verification Feature)].	Yes ☑	No ☐	N/A ☐
DD	Receipt of the alarm transmission to the fire *signal receiving centre*.	Yes ☑	No ☐	N/A ☐
EE	Receipt of the supervisory transmission to the fire *signal receiving centre*.	Yes ☑	No ☐	N/A ☐
FF	Receipt of the trouble transmission to the fire *signal receiving centre*.	Yes ☑	No ☐	N/A ☐
GG	Record the name and telephone number of the fire *signal receiving centre*.	Name: Reliance Protection Telephone: 1800 653 9111		
HH	Operation of the fire *signal receiving centre* disconnect means results in a specific trouble indication at the *control unit* or *transponder* and transmits a *trouble signal* to the fire *signal receiving centre*.	Yes ☑	No ☐	N/A ☐

E2.2 VOICE COMMUNICATION TEST

(Reference: Clause 5.1.3, 5.2.3.1) N/A

A	Power 'ON' indicator operates.	Yes ☐	No ☐	N/A ☐
B	Common visual *trouble signal* operates.	Yes ☐	No ☐	N/A ☐
C	Common audible *trouble signal* operates.	Yes ☐	No ☐	N/A ☐
D	*Trouble signal* silence switch operates.	Yes ☐	No ☐	N/A ☐
E	All-call voice paging, including visual indicator, operates.	Yes ☐	No ☐	N/A ☐
F	*Output circuits* for selective voice paging, including visual indication, operates.	Yes ☐	No ☐	N/A ☐
G	*Output circuits* for selective voice paging trouble operation, including visual indication, operates.	Yes ☐	No ☐	N/A ☐
H	Microphone, including press to talk switch, operates.	Yes ☐	No ☐	N/A ☐
I	Operation of voice paging does not interfere with initial inhibit time of *alert signal* or *alarm signal*.	Yes ☐	No ☐	N/A ☐
J	All-call voice paging operates (on *emergency power supply*).	Yes ☐	No ☐	N/A ☐
K	Upon failure of one amplifier, system automatically transfers to backup amplifier(s).	Yes ☐	No ☐	N/A ☐
L	Circuits for emergency telephone call-in operation, including audible and visual indication, operates.	Yes ☐	No ☐	N/A ☐
M	Circuits for emergency telephones for operation, including two-way voice communication, operates.	Yes ☐	No ☐	N/A ☐
N	Circuits for emergency telephone trouble operation, including visual indication, operates	Yes ☐	No ☐	N/A ☐
O	Emergency telephone verbal communication operates.	Yes ☐	No ☐	N/A ☐
P	Emergency telephone operable or in-use tone at handset operates.	Yes ☐	No ☐	N/A ☐

E2.3 CONTROL UNIT OR TRANSPONDER INSPECTION

(Reference: Clauses 5.1.3, 5.2.4.1) N/A

Control unit or *transponder* location:
Control unit or *transponder* identification:

A	*Input circuit* designations correctly identified in relation to connected *field devices.*	Yes ☐	No ☐	N/A ☐
B	*Output circuit* designations correctly identified in relation to connected *field devices.*	Yes ☐	No ☐	N/A ☐
C	Correct designations for common control functions and indicators.	Yes ☐	No ☐	N/A ☐
D	Plug-in components and modules securely in place.	Yes ☐	No ☐	N/A ☐
E	Plug-in cables securely in place.	Yes ☐	No ☐	N/A ☐
F	Record the date, revision and version of *firmware* and *software program.*	Date:		
		Rev: _____	Ver: _____	
G	Clean and free of dust and dirt.	Yes ☐	No ☐	N/A ☐
H	Fuses in accordance with manufacturer's *specification.*	Yes ☐	No ☐	N/A ☐
I	*Control unit* or *transponder* lock functional.	Yes ☐	No ☐	N/A ☐
J	Termination points from wiring to *field devices* secure.	Yes ☐	No ☐	N/A ☐

E2.4 POWER SUPPLY INSPECTION

(Reference: Clauses 5.1.3, 5.3.1)

Control unit or *transponder* location: Main Entrance
Control unit or *transponder* identification: 4008

A	Fused in accordance with the manufacturer's marked rating of the system.	Yes ☑	No ☐	N/A ☐
B	Adequate to meet the requirements of the system.	Yes ☑	No ☐	N/A ☐

E2.5 EMERGENCY POWER SUPPLY TEST AND INSPECTION

(Reference: Clauses 5.1.3, 5.3.2, 5.3.3)

Control unit or *transponder* location:	Main Entrance
Control unit or *transponder* identification:	4008

A	Correct battery type as recommended by manufacturer.	Yes ☑	No ☐	N/A ☐
B	Correct battery rating as determined by battery calculations based on full system load.	Yes ☑	No ☐	N/A ☐
C	Battery voltage with *main power supply* 'ON'.	27.4 V dc		
D	Battery voltage and current with *main power supply* 'OFF' and *fire alarm system* in supervisory condition.	Voltage: 26.5 V dc Current: — A		
E	Battery voltage and current with *main power supply* 'OFF' and *fire alarm system* in full load alarm condition.	Voltage: 26 V dc Current: — A		
F	Charging current.	— A		
G	Physical damage.	Yes ☐	No ☑	N/A ☐
H	Terminals cleaned and lubricated.	Yes ☑	No ☐	N/A ☐
I	Terminals clamped tightly.	Yes ☑	No ☐	N/A ☐
J	Correct electrolyte level.	Yes ☑	No ☐	N/A ☐
K	Specific gravity of electrolyte is within manufacturer's *specifications*.	Yes ☑	No ☐	N/A ☐
L	Electrolyte leakage.	Yes ☐	No ☑	N/A ☐
M	Adequate ventilation.	Yes ☑	No ☐	N/A ☐
N	Battery manufacturer's date code or in-service date.	Date: —		
O	Disconnection causes *trouble signal*.	Yes ☑	No ☐	N/A ☐
P	Indicate type of battery *tests* performed:			
	(i) Required supervisory load for 24 h followed by the required full load operation; or	Yes ☐	No ☐	
	(ii) A silent *test* by using the load resistor method may be used for the full duration *test* (Refer to Appendix F1, Silent Test); or	Yes ☐	No ☐	
	(iii) Silent accelerated *test*. (Refer to Appendix F2, Silent Accelerated Test);or	Yes ☐	No ☐	
	(iv) A battery capacity meter *test*. (Refer to Appendix F3, Battery Capacity Meter Test); or	Yes ☑	No ☐	
	(v) In lieu of the above battery *tests*, replace the battery with a new set having a current date code, amp-hour capacity and type as recommended by the manufacturer.	Yes ☐	No ☐	
Q	Record calculated battery capacity (Refer to Appendix F4.1-C).	7 A•h		
R	Record battery terminal voltage after completion of *tests*.	26 V dc		

E2.5 continued...

Continued E2.5 ...

S	Battery voltage not less than 85% of its rating after the *tests*.	Yes ☑	No ☐	N/A ☐
T	Generator provides power to the AC circuit serving the *fire alarm system*.	Yes ☐	No ☐	N/A ☑
U	Trouble condition at the emergency generator shall result in an audible common *trouble signal* and a visual indication at the required *annunciator*.	Yes ☐	No ☐	N/A ☑

E2.6 ANNUNCIATOR AND REMOTE TROUBLE SIGNAL UNIT TEST AND INSPECTION

(Reference: Clauses 5.1.4, 5.4.1) N/A

Annunciator or remote *trouble signal* unit location:
Annunciator or remote *trouble signal* unit identification:

A	Power 'on' indicator operates.	Yes ☐	No ☐	N/A ☐
B	Individual alarm, and supervisory *input zones* are clearly indicated and separately designated.	Yes ☐	No ☐	N/A ☐
C	Individual alarm and supervisory *zone* designation labels are properly identified.	Yes ☐	No ☐	N/A ☐
D	Common *trouble signal* operates.	Yes ☐	No ☐	N/A ☐
E	Visual indicator *test* (lamp *test*) operates.	Yes ☐	No ☐	N/A ☐
F	Input wiring from *control unit* or *transponder* is supervised.	Yes ☐	No ☐	N/A ☐
G	*Alarm signal* silence visual indicator operates.	Yes ☐	No ☐	N/A ☐
H	Switches for ancillary functions operate as per *design* and *specification*, or documentation as detailed in Appendix C, Description of Fire Alarm System for Inspection and Test Procedures.	Yes ☐	No ☐	N/A ☐
I	Other ancillary function visual indicators operate.	Yes ☐	No ☐	N/A ☐
J	Manual activation of *alarm signal* and indication operates.	Yes ☐	No ☐	N/A ☐
K	Displays are visible in installed location operates.	Yes ☐	No ☐	N/A ☐
L	Operates on emergency power.	Yes ☐	No ☐	N/A ☐

E2.7 ANNUNCIATORS OR SEQUENTIAL DISPLAYS

(Reference: Clauses 5.1.4, 5.4.2) N/A

Annunciator or *sequential display* location:
Annunciator or *sequential display* identification:

A	Power 'on' indicator operates.	Yes ☐	No ☐	N/A ☐
B	Individual alarm and supervisory *zone* indication operates.	Yes ☐	No ☐	N/A ☐ (See exception)
	Exception: Operation of each individual alarm and supervisory *zone* indication gives the identical indication, or lights the identical indicators at the other *annunciator(s)* and *sequential display(s)*.	Yes ☐	No ☐	N/A ☐
	Specify Method of confirmation: _____			
	Minimum of one alarm *zone* and one supervisory *zone* tested per *annunciator* or *sequential display* to confirm operation.	Yes ☐	No ☐	N/A ☐
C	Individual alarm and supervisory *zone* designation labels are properly identified.	Yes ☐	No ☐	N/A ☐
D	Common *trouble signal* operates.	Yes ☐	No ☐	N/A ☐
E	Visual indicator *test* (lamp *test*) operates.	Yes ☐	No ☐	N/A ☐
F	Input wiring from *control unit* or *transponder* is supervised.	Yes ☐	No ☐	N/A ☐
G	*Alarm signal* silence visual indicator operates.	Yes ☐	No ☐	N/A ☐
H	Switches for ancillary functions operate as per *design* and *specification*, or documentation as detailed in Appendix C, Description of Fire Alarm System for Inspection and Test Procedures.	Yes ☐	No ☐	N/A ☐
I	Other ancillary functions visual indicators operate.	Yes ☐	No ☐	N/A ☐
J	Manual activation of *alarm signal* and indication operates.	Yes ☐	No ☐	N/A ☐
K	Displays are visible in installed location.	Yes ☐	No ☐	N/A ☐

E2.8 REMOTE TROUBLE SIGNAL UNIT TEST AND INSPECTION

(Reference: Clauses 5.1.4, 5.4.3) N/A

Remote *trouble signal* unit location:
Remote *trouble signal* unit identification:

A	Input wiring from *control unit* or *transponder* is supervised.	Yes ☐	No ☐	N/A ☐
B	Visual *trouble signal* operates.	Yes ☐	No ☐	N/A ☐
C	Audible *trouble signal* operates.	Yes ☐	No ☐	N/A ☐
D	Audible *trouble signal* silence operates.	Yes ☐	No ☐	N/A ☐

E2.9 PRINTER TEST

(Reference Clauses 5.1.4, 5.5.1) N/A

Printer location:
Printer identification:

A	Operates as per *design* and *specification*, or documentation as detailed in Appendix C, Description of Fire Alarm System for Inspection and Test Procedures.	Yes ☐	No ☐	N/A ☐
B	*Zone* of each alarm initiating device is correctly printed.	Yes ☐	No ☐	N/A ☐
C	Rated voltage is present.	Yes ☐	No ☐	N/A ☐

E2.10 DATA COMMUNICATION LINK TEST

(Reference: Subsection 5.1.5, 5.6-Note)

N/A

Control unit or *transponder* location:
Control unit or *transponder* identification:
Data communication link identification:

A	Confirm that a *trouble signal* is received at the *control unit* or *transponder* under an open loop fault for each *data communication link* (DCL).	Yes ☐	No ☐	N/A ☐
B	Where *fault isolation modules* are installed in *data communication links* serving *field devices*, wiring shall be shorted on the isolated side, *annunciation* of the fault confirmed, and then a *field device* on the source side shall be operated, and activation confirmed at the *control unit* or *transponder*.	Yes ☐	No ☐	N/A ☐
C	Where fault isolation in *data communication links* is provided between *control units* or *transponders* and between *transponders*, introduce a *short circuit fault* and confirm annunciation of the fault and operation outside the shorted section between each pair of:			
	(i) *Control unit* to *control unit*	Yes ☐	No ☐	N/A ☐
	(ii) *Control unit* to *transponder*	Yes ☐	No ☐	N/A ☐
	(iii) *Transponder* to *transponder*	Yes ☐	No ☐	N/A ☐

E2.11 ANCILLARY DEVICE CIRCUIT TEST

(Reference: Clause 5.2.2.1-Z)

RECORD SPECIFIC TYPE OF ANCILLARY CIRCUIT	OPERATION OF ANCILLARY CIRCUIT CONFIRMED		
Fan Shutdown	Yes ☑	No ☐	N/A ☐
	Yes ☐	No ☐	N/A ☐
	Yes ☐	No ☐	N/A ☐

Note: The *tests* reported on this Form do not include the actual operational *test* of *ancillary devices*.

E2.12 REMARKS

(Reference: E2)

(Attach additional sheets if further remarks are required)

E3. FIELD DEVICE RECORD

(Reference: Clause 5.1.6)

E3.1 FIELD DEVICE TESTING — LEGEND AND NOTES

(Reference: Clauses 5.7.4.1.3, 5.7.4.1.4, 5.7.4.1.5, 5.7.4.3.1, 5.7.4.5.1, 5.7.8.1.1, 5.7.8.2.2, 5.7.8.2.4)

DEVICE	DESCRIPTION	TYPE	MODEL NO.
M	*Manual Pull Station*	Simplex	Smoke Alert
RHT	*Heat Detector*, Restorable	Simplex	RR
HT	*Heat Detector*, Non-restorable	Simplex	Fixed
S	*Smoke Detector* Sensitivity Test Method or Test Equipment: Model/Method: Smoke Check Manufacturer Sensitivity Range: Sensitivity Range:	Not applicable	Not applicable
RI	Remote Indicator Unit		
DS	Duct *Smoke Detector*		
--	Other Type of Detector		
SFD	*Supporting Field Device* (Monitor)		
FS	Sprinkler Flow Switch		
SS	Sprinkler *Supervisory Device*		
--	Other *Supervisory Devices* (Low Pressure, Low Water, Low Temperature, Power Loss, etc.)		
EM	*Fault Isolation Module*		
B	Bell		
H	Horn	Simplex	
V	*Visible Signal Device*	Simplex	
SP	Cone Type Speaker		
HSP	Horn Type Speaker		
AD	*Ancillary Device*		
ET	Emergency Telephone		
EOL	End-of-Line Resistor		

The following notes apply to Appendix E3.2, Individual Device Record:

NOTE 1: *Smoke detector sensitivity* confirmation or measurement should be recorded in the remarks column.

NOTE 2: *Smoke detector* cleaning or replacement date should also be recorded in the remarks column.

NOTE 3: Status Change, including time delay, should be recorded in the remarks column.

NOTE 4: Duct *smoke detector* pressure differential should be confirmed and recorded in the remarks column.

E3.1 continued...

Continued E3.1 ...

NOTE 5: Time delay setting of water flow switch should be recorded in the remarks column.

NOTE 6: Sprinkler supervisory switches cause trouble condition to be annunciated but not an alarm condition.

NOTE 7: Upper and lower pressure setting of *supervisory devices* should be recorded in the remarks column.

NOTE 8: Low temperature setting should be recorded in the remarks column.

NOTE 9: Identify the specific *ancillary devices* in the remarks column.

NOTE 10: Identify date *field device* changed in the remarks column.

NOTE 11: Identify correct *field device* operation (e.g., alarm, trouble, supervisory, annunciation indication).

NOTE 12: Identify *zone*, circuit number, or address.

NOTE 13: Identify *conventional field device* locations.

NOTE 14: Identify *active field device* and *supporting field device*, *data communication link* (DCL), address and location.

NOTE 15: *Test* and confirm *conventional field device* supervision of wiring.

NOTE 16: Confirm *field device* free of damage.

NOTE 17: Confirm *field device* free of foreign substance (e.g. paint).

NOTE 18: Confirm *field device* mechanically supported independently of the wiring.

NOTE 19: Confirm *field device* protective dust shields or covers removed.

CAUTION: The *tests* reported on this Form do not include the actual operational *test* of *ancillary devices*.

E3.2 INDIVIDUAL DEVICE RECORD

(Reference: Clauses 5.7.1.3, E3.1)

BUILDING NAME: Milk River RCMP PAGE ____ OF ____

DATE: Aug 21/14

Device Legends And Notes Are Listed In Appendix E3.1, Field Device Testing – Legend and Notes

LOCATION	DEVICE	CORRECTLY INSTALLED	REQUIRES SERVICE, REPAIRS, CLEANING OR MISSING	ALARM OPERATION CONFIRMED	ANNUNCIATION INDICATION CONFIRMED	ZONE CIRCUIT NUMBER OR ADDRESS	REMARKS
Front Entrance	P.S	/		/	/		
EXHIBIT Room	Smoke	/		/	/		
Guard Room	Smoke	/		/	/		
Cell	Smoke	/		/	/		
Janitors Closet	Heat Det	/		/	/		
office Entrance	Smoke	/		/	/		
General Storage	Smoke	/		/	/		
Lunch Room	Smoke	/		/	/		
Interview Room	Smoke	/		/	/		
Garage Exit.	P.S	/		/	/		
Garage Storage	Smoke	/		/	/		
Sally Bay	Heat Det	/		/	/		
Weight Room	Heat Det	/		/	/		
attached House Exit	P.S	/		/	/		
attached House Basement	P.S.	/		/	/		
attached House Basement	Smoke	/		/	/		
attached House Bedroom Hall	Smoke	/		/	/		
Rear House Exit.	P.S	/		/	/		
office.	Horns & STROBE	/		/			
Garage	Horns & STROBE	/		/			
Weight Room	Horns & STROBE	/		/			
attached House Basement	Buzzer / STROBE	/		/			
attached House. upstairs	Buzz STROBE	/		/			

Inspection and Testing of Fire Alarm Systems

Centratech Technical Services Ltd # 1 – 7644 – 49th Ave Red Deer, Alberta	Date of Service: June 17, 2014		Time: 1:00 pm
	Annual Inspection YES		Last Service Date 2013
	Single Stage YES	Two Stage	Direct Connection
	Manufacturer: EST Quick Start		Model: Edwards
Building Name: K052 R.C.M.P Detachment	Contact Person: Stan Scott		Phone: Fax:
Address: 317 / 319 – 1st AVE	Owner:		Phone: Fax:
City: Oyen , AB Postal Code:	Fire Signal Receiving Centre: Yes		Phone: Fax:

"Yes"- Acceptable "No" - Unacceptable (Explain No answers in comments)

Yes	No	Summary
☒	☐	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 Checklist
NA	Reconnect time limit cutouts?
YES	Reconnect ancillary functions?
YES	Reconnect ancillary functions (off site connections)?
YES	Reconnect signal power?
NA	Advise fire department the testing is completed?
YES	Ensure that the alarm system is functional?

Comments

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.

Korey Campbell CFFA 11-996672	June 17, 2014	1:00 pm	
Technician	Date	Time	Owner or Authorized Agent

Inspection and Testing of Fire Alarm Systems

Date June 17, 2014	Building Name: K052 Oyen R.C.M.P

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

2.1 Control Unit or Transponder Tests

- yes Power on visual indicator operates.
- yes Common visual trouble signal operates.
- yes Common audible trouble signal operates.
- yes Trouble signal silence switch operates.
- yes Main Power supply failure trouble signal operates.
- yes Ground fault tested on positive and negative trouble signal
- na Alert signal operation operates.
- yes Alarm signal operation operates.
- na Automatic transfer from alert to alarm signal operates.
- na Manual transfer from alert signal to alarm signal operates.
- na Auto transfer from alert to alarm signal cancel operates
- yes Alarm signal silence inhibit function operates?
- yes Alarm signal manual silence operates.
- yes Alarm signal silence visual indication operates.
- yes Alarm signal when silenced automatically reinitiates on subsequent alarm?
- na Alarm signal silence automatic cut-out timer.
- yes Audible visual and alert and alarm signals programmed and operate as per design & specification. (app C)
- yes Input circuit alarm and supervisory operation including audible and visual indication operates.
- yes Input circuit supervision fault causes a trouble indication.
- yes Output circuit alarm indicators operate.
- yes Output circuit supervision fault causes a trouble indication.
- yes Visual indicator test (lamp test).
- yes Coded signal sequence operate not less than the required number of times and the correct alarm signal thereafter.
- yes Coded signal sequences are not interrupted by subsequent alarms?
- yes Ancillary circuit by-pass will result in a trouble signal.
- yes Input circuit to output circuit operation including ancillary device circuits, for correct program operation as per design & spec. (App "C")
- yes Fire alarm Reset operates.
- yes Main power to emergency power supply transfer operates.
- yes Status change confirmation (smoke detectors) verified .
- yes Receipt of alarm transmission to signal receiving center?
- na Receipt of supervisory trans to signal receiving center?
- yes Receipt of trouble transmission to signal receiving center?
- yes Operation of the fire signal receiving center disconnect results in a specific trouble indication at control unit?

2.3 Control Unit or Transponder Inspection

- yes Input circuit designations, correctly identified in relation to connected field devices
- yes Output circuit designations correctly identified in relation to connected field devices.
- yes Correct designations-common control functions / indicators
- yes Plug-in components and modules securely in place?
- yes Plug-in cables securely in place
- na Record date, revision and version of Firmware & software
  Date: Rev: Ver:
- yes Clean and free of dust and dirt?
- yes Fuses in accordance with MFGs specification?
  Control Unit or transponder lock functional?
- yes Termination points from wiring to field devices secure

2.6 Annunciator & Remote Trouble Test & Inspection

- na Power on indicator operates.
- na Individual alarm and supervisory input zone clearly
- na Indicated and separately designated?
- na Individual alarm and supervisory zone labels identified.
- na Common trouble signal operates.
- na Visual indicator test - Lamp test operates.
- na Input wiring from control unit/transponder is supervised.
- na Alarm signal silence visual indicator operates.
- na Switches for ancillary function operate as per design.
- na Other ancillary function visual indicators operate.
- na Manual activation of alarm signal and indication operates.
- na Displays are visible in installed location operates?
- na Operates on emergency power?

2.4 Power Supply Inspection

- yes Fused with mfgs marked rating of the system?
- yes Adequate to meet the requirements of the system?

2.8 Remote Trouble Signal Unit Test and Inspection

- na Input wiring form control/transponder is supervised.
- na Visual trouble signal operates.
- na Audible trouble signal operates.
- na Audible trouble signal silence operates.

2.5 Emergency Power Supply Test and Inspection

- yes Correct battery type as recommend by manufacturer?
- yes Correct rating as determined by battery calculations based on full system load?
- yes Battery voltage main power on? **27.1VDC**
- yes Battery voltage and current with main power supply "off" and fire alarm in supervisory condition?
  Voltage **25.6VDC** Current **200MA**
- yes Battery voltage and current with main power supply "off" and fire alarm in full load alarm condition?
  Voltage **25VDC** Current **300MA**
- yes Charging current is **200MA**
- yes Inspected for physical damage?
- na Terminal cleaned and lubricated?
- yes Terminals clamped tightly.
- na Correct Electrolyte level?
- na Specific gravity within mfg specifications?
- no Electrolyte leaks.
- yes Adequately ventilated?
- yes Battery mfg's date code or in-service date
- yes Disconnection causes trouble signal.
  Indicate type of Battery Test Performed?
  (1) supervisory load for 24h followed by full load operation.
  (2) silent test by using load resister method -App F1
  (3)Silent accelerated test – App F2
- yes (4) A battery capacity meter test App F3
  (5) In lieu of battery tests, Replace with new set having current date code, as per mfg
- na Record calculated battery capacity App F4 A h
- na Record battery terminal voltage after tests V dc
- na Battery voltage not less than 85% of its rating after tests.
- na Generator provides power to the AC circuit for FA syst.

Inspection and Testing of Fire Alarm Systems

Date June 17, 2014 **Building Name: K052 Oyen R.C.M.P**

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

2.5 Emergency Power Supply Test and Inspection

na 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

na Power on indicator operates.

na 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

na Minimum of 1 alarm zone and one supervisory zone tested per annunciator or sequential display to confirm operation. Individual alarm and supervisory zone labels identified.

na Common trouble signal operates.

na Visual indicator test (lamp test) operates.

na Input wiring form control unit/transponder supervised

na Alarm signal silence visual indicator operates.

na Switches for ancillary function operate as per design.

na Other ancillary functions visual indicators operate.

na Manual activation of alarm signal and indication operate.

na Displays are visible in installed location.

2.9 Printer Testing

na Operation as per design and specification?

na Zone of each alarm initiating device is correctly printed.

na Rated voltage is present.

2.10 Data Communication Link Test (DCL)

na Confirm that a trouble signal is receive at the control unit 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, annunciation of the fault confirmed, and then a field device on the source side shall be operated, and activation confirmed at the control unit or transponder.

na Where a fault isolation in DCL is provided between control units/transponders and between

na Transponders, introduce a short circuit fault and confirm

Continued.....

Annunciation of the fault and operation outside the shorted section between each pair of :

na (i) Control unit to control unit

na (ii) Control unit to transponder

na (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?

Output circuits for selective voice paging including visual

indication operates.

na Output circuits for selective voice paging trouble operation including visual indication operates.

na Microphone including press to talk switch operates.

na Operation of voice paging does interfere with initial inhibit time of alert and alarm signal?

na All call voice paging operates on emergency power?

na Upon failure of one amplifier, system automatically transfers to backup amplifier.

na Circuits for emergency telephone call in operation including audible and visual indication operates

na Circuits for emergency telephone for operation, including two way voice communication operates.

na Circuits for emergency telephones trouble operation including visual indication operates.

na Emergency telephone verbal communication operates.

na Emergency telephone operable or in-use tone at handset.

2.11 Ancillary Device Circuit Test

na Circuit confirmed

na Circuit confirmed

na Circuit confirmed

na Circuit confirmed

Additional Comments:

Tested all devices on battery back up.

Inspection and Testing of Fire Alarm Systems
Individual Device Record

Date June 17, 2014	Building Name: K052 Oyen R.C.M.P

A. Correctly installed.
B. Requires Service, Repairs, missing, or cleaning
C. Alarm operation confirmed
D. Annunciator indication confirmed.
E. Zone circuit number or address

"Y" - Acceptable "N" – Unacceptable (Explain NO answers in comments) "NA" Not applicable

Device	Location	A	B	C	D	E	Remarks
S	General office	Y	NA	Y	Y	Y	
RHT	Garage area	Y	NA	Y	Y	Y	
S	Crawl space	Y	NA	Y	Y	Y	
S	Crawl space	Y	NA	Y	Y	Y	
S	Basement west	Y	NA	Y	Y	Y	
S	Basement east	Y	NA	Y	Y	Y	
M	Basement	Y	NA	Y	Y	Y	
S	Residence	Y	NA	Y	Y	Y	
S	Residence front	Y	NA	Y	Y	Y	
M	Residence rear	Y	NA	Y	Y	Y	
S	Rear entrance	Y	NA	Y	Y	Y	
RHT	Storage room	Y	NA	Y	Y	Y	
S	Holding cell	Y	NA	Y	Y	Y	
S	Secure storage	Y	NA	Y	Y	Y	
S	Breathilizer room	Y	NA	Y	Y	Y	
S	Interview room	Y	NA	Y	Y	Y	
S	Office work	Y	NA	Y	Y	Y	
S	Admin area	Y	NA	Y	Y	Y	
S	Office corridor	Y	NA	Y	Y	Y	
M	Office rear	Y	NA	Y	Y	Y	
M	Office main	Y	NA	Y	Y	Y	

M.	Manual Pull station	DS	Duct smoke detector	B	Bell	AD	Ancillary device
HT	Heat detector, non restorable	SFD	Supporting field device - monitor	H	Horn	ET	Emergency Telephone
RHT	Heat detector, Restorable	FS	Sprinkler flow switch	V	Visual signal appliance	EOL	End of line resistor
S	Smoke detector	SS	Sprinkler supervisory device	SP	Cone type speaker		Other supervisory devices
RI	Remote indicator unit	EM	Fault isolation module	HSP	Horn type speaker		Other type of detector
PS	Pressure switch	BS	Bell & Strobe				

Inspection and Testing of Fire Alarm Systems

Signal Devices Record

Date June 17, 2014	Building Name: K052 Oyen R.C.M.P

A. Correctly installed.
B. Requires Service, Repairs, missing, or cleaning
C. Alarm operation confirmed

"Y" - Acceptable "N" – Unacceptable (Explain NO answers in comments) "NA" Not applicable

Device	Location	A	B	C	Remarks
H/S	Front office	Y	NA	Y	
H/S	Back office	Y	NA	Y	
H/S	Garage	Y	NA	Y	
H/S	Residence	Y	NA	Y	
H/S	Basement	Y	NA	Y	

M.	Manual Pull station	DS	Duct smoke detector	B	Bell	AD	Ancillary device
HT	Heat detector, non restorable	SFD	Supporting field device - monitor	H	Horn	ET	Emergency Telephone
RHT	Heat detector, Restorable	FS	Sprinkler flow switch	V	Visual signal appliance	EOL	End of line resistor
S	Smoke detector	SS	Sprinkler supervisory device	SP	Cone type speaker		Other supervisory devices
RI	Remote indicator unit	EM	Fault isolation module	HSP	Horn type speaker		Other type of detector
PS	Pressure switch	BS	Bell & Strobe				

CENTRATECH TECHNICAL SERVICES LTD.
ANNUAL MAINTENANCE RECORD

Hydrostatic Testing - Breathing Air - Fire Extinguisher Sales, Service, Recharging
"Your Fire and Safety Specialists"

CUSTOMER: K052 OYEN R.C.MP
ADDRESS: 317 1st Ave
Oyen, Alberta
CONTACT: Stan Scott
PHONE: (403) 716-4323

JOB TICKET/INVOICE:
DATE: June 17, 2014
TECHNICIAN: Korey
CASH/ACCOUNT: Account/PO Required
PO# (if required):

#	EXTINGUISHER LOCATION	EXT. SERIAL #	EXT. MAKE	CO	EXT. TYPE	HP	SP	YR MFG	YR HT	YR 6YR	YRHT CART	COMMENTS
1	**317 - 1st Ave**											
2	Basement	219966	Amerex		10 ABC		X	10				Inspection
3	Main office	886066	Amerex		5 ABC		X	10				Inspection
4	Residence	841605	Amerex		10 ABC		X	13				Inspection
5	Back office area	045601	Amerex		10 ABC		X	96	09			Inspection
6	Garage	372274	Amerex		10 ABC		X	08		14		6 Year 2014
7												
8												
9	**#12 Byler Place**											
10	Garage	87184	Pryene		5 ABC		X	95	07	14		6 Year 2014
11	Kitchen	969120	Amerex		10 ABC		X	08		14		6 Year 2014
12												
13												
14	**#402 1st West**											
15	Garage	631687	Amerex		10 ABC		X	07		13		Inspection
16	Kitchen	585408	Amerex		5 ABC		X	07		13		Inspection
17												
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30												

COMMENTS:

Centratech Technical Services Ltd # 1 – 7644 – 49th Ave Red Deer, Alberta	Date of Service: June 17, 2014	Time: 1:00 pm
	EMERGENCY LIGHT INSPECTION FORM	Last Service Date 2013
Building Name: K052 R.C.M.P	Contact Person: Stan Scott	Phone: Fax:
Address: 317 – 319 1st Ave	Owner:	Phone: Fax:
City: Oyen , Alberta		

"Yes"- Acceptable "No" - Unacceptable (Explain No answers in comments)

Yes	No	Summary
☒	☐	All emergency lights have been tested to National Fire Code - 2005
☒	☐	The emergency light documentation is on site.
☒	☐	All emergency lights are fully functional.
☒	☐	A copy of this report is given to the Owner or the owner's representative.

Comments:

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.

Korey Campbell	June 17, 2014	1:00 pm	
Technician Stamp	Date	Time	Owner or Authorized Agent

Inspection checklist

"Y" - Acceptable "N" – Unacceptable (Explain NO answers in comments) "NA" Not applicable

Y	Operate units by disconnecting power supply
Y	Verify pilot light operation and is not damaged or obstructed
Y	Verify terminal connections are clean, free of corrosion
Y	Verify terminal clamps are clean and tight
Y	Verify battery surface is dry and clean
Y	Check battery expiry dates on dry cell batteries replace every 5 years
Y	Check that exit signs are illuminated, clean and legible if applicable
B	Test to ensure the unit will provide emergency lighting for a duration equal to the following: A) two (2) hours for high buildings; and B) one (1) hour for buildings where persons are detained or care for C) one-half (1/2) hour for all other buildings
Y	Check dry cell battery operation of cells by observing brightness of lamps

Locations	Battery	Satellites	Condition
Office	**6 volt**	**2**	**Replaced battery**
Back office	**6 volt**	**3**	**Good**
Bath room	**6 volt**	**2**	**Good**
Front entrance	**6 volt**	**2**	**Good**

Inspection and Testing of Fire Alarm Systems

Centratech Technical Services Ltd # 1 – 7644 – 49th Ave Red Deer, Alberta	Date of Service: July 17, 2014		Time: 8:00 am
	Annual Inspection YES		Last Service Date 2013
	Single Stage YES	Two Stage	Direct Connection
	Manufacturer: EST Quick Start		Model: Edwards
Building Name: K081 R.C.M.P Detachment	Contact Person: Stan Scott		Phone: Fax:
Address: 5012 – 53rd Ave	Owner:		Phone: Fax:
City: Provost , AB Postal Code: T0B 3S0	Fire Signal Receiving Centre:1-800-653-9111		Phone: Fax:

"Yes"- Acceptable "No" - Unacceptable (Explain No answers in comments)

Yes	No	Summary
☒	☐	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 Checklist
NA	Reconnect time limit cutouts?
YES	Reconnect ancillary functions?
NA	Reconnect ancillary functions (off site connections)?
YES	Reconnect signal power?
NA	Advise fire department the testing is completed?
YES	Ensure that the alarm system is functional?

Comments

System in good working order.

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.

Korey Campbell CFA 11-996672	July 17, 2014	8:00 am	
Technician	Date	Time	Owner or Authorized Agent

Inspection and Testing of Fire Alarm Systems

Date July 17, 2014	Building Name: K081 Provost R.C.M.P

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

2.1 Control Unit or Transponder Tests

- yes Power on visual indicator operates.
- yes Common visual trouble signal operates.
- yes Common audible trouble signal operates.
- yes Trouble signal silence switch operates.
- yes Main Power supply failure trouble signal operates.
- yes Ground fault tested on positive and negative trouble signal
- na Alert signal operation operates.
- yes Alarm signal operation operates.
- na Automatic transfer from alert to alarm signal operates.
- na Manual transfer from alert signal to alarm signal operates.
- na Auto transfer from alert to alarm signal cancel operates
- yes Alarm signal silence inhibit function operates?
- yes Alarm signal manual silence operates.
- yes Alarm signal silence visual indication operates.
- yes Alarm signal when silenced automatically reinitiates on subsequent alarm?
- na Alarm signal silence automatic cut-out timer.
- yes Audible visual and alert and alarm signals programmed and operate as per design & specification. (app C)
- yes Input circuit alarm and supervisory operation including audible and visual indication operates.
- yes Input circuit supervision fault causes a trouble indication.
- yes Output circuit alarm indicators operate.
- yes Output circuit supervision fault causes a trouble indication.
- yes Visual indicator test (lamp test).
- yes Coded signal sequence operate not less than the required number of times and the correct alarm signal thereafter.
- yes Coded signal sequences are not interrupted by subsequent alarms?
- yes Ancillary circuit by-pass will result in a trouble signal.
- yes Input circuit to output circuit operation including ancillary device circuits, for correct program operation as per design & spec. (App "C")
- yes Fire alarm Reset operates.
- yes Main power to emergency power supply transfer operates.
- na Status change confirmation (smoke detectors) verified
- yes Receipt of alarm transmission to signal receiving center?
- na Receipt of supervisory trans to signal receiving center?
- yes Receipt of trouble transmission to signal receiving center?
- yes Operation of the fire signal receiving center disconnect results in a specific trouble indication at control unit?

2.3 Control Unit or Transponder Inspection

- yes Input circuit designations, correctly identified in relation to connected field devices
- yes Output circuit designations correctly identified in relation to connected field devices.
- yes Correct designations-common control functions / indicators
- yes Plug-in components and modules securely in place?
- yes Plug-in cables securely in place
- na Record date, revision and version of Firmware & software
  Date: Rev: Ver:
- yes Clean and free of dust and dirt?
- yes Fuses in accordance with MFGs specification?
  Control Unit or transponder lock functional?
- yes Termination points from wiring to field devices secure

2.6 Annunciator & Remote Trouble Test & Inspection

- na Power on indicator operates.
- na Individual alarm and supervisory input zone clearly
- na Indicated and separately designated?
- na Individual alarm and supervisory zone labels identified.
- na Common trouble signal operates.
- na Visual indicator test - Lamp test operates.
- na Input wiring from control unit/transponder is supervised.
- na Alarm signal silence visual indicator operates.
- na Switches for ancillary function operate as per design.
- na Other ancillary function visual indicators operate.
- na Manual activation of alarm signal and indication operates.
- na Displays are visible in installed location operates?
- na Operates on emergency power?

2.4 Power Supply Inspection

- yes Fused with mfgs marked rating of the system?
- yes Adequate to meet the requirements of the system?

2.8 Remote Trouble Signal Unit Test and Inspection

- na Input wiring form control/transponder is supervised.
- na Visual trouble signal operates.
- na Audible trouble signal operates.
- na Audible trouble signal silence operates.

2.5 Emergency Power Supply Test and Inspection

- yes Correct battery type as recommend by manufacturer?
- yes Correct rating as determined by battery calculations based on full system load?
- yes Battery voltage main power on? **27.2VDC**
- yes Battery voltage and current with main power supply "off" and fire alarm in supervisory condition?
  Voltage **25VDC** Current **200MA**
- yes Battery voltage and current with main power supply "off" and fire alarm in full load alarm condition?
  Voltage **25VDC** Current **400MA**
- yes Charging current is **500ma**
- yes Inspected for physical damage?
- na Terminal cleaned and lubricated?
- yes Terminals clamped tightly.
- na Correct Electrolyte level?
- na Specific gravity within mfg specifications?
- no Electrolyte leaks.
- yes Adequately ventilated?
- yes Battery mfg's date code or in-service date
- yes Disconnection causes trouble signal.
  Indicate type of Battery Test Performed?
- ____ (1) supervisory load for 24h followed by full load operation.
- ____ (2) silent test by using load resister method -App F1
- ____ (3)Silent accelerated test – App F2
- yes (4) A battery capacity meter test App F3
- ____ (5) In lieu of battery tests, Replace with new set having current date code, as per mfg
- na Record calculated battery capacity App F4 A h
- na Record battery terminal voltage after tests V dc
- na Battery voltage not less than 85% of its rating after tests.
- na Generator provides power to the AC circuit for FA syst.

Inspection and Testing of Fire Alarm Systems

Date July 17, 2014	Building Name: K081 Provost R.C.M.P

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

2.5 Emergency Power Supply Test and Inspection

na 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

na Power on indicator operates.
na 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

na Minimum of 1 alarm zone and one supervisory zone tested per annunciator or sequential display to confirm operation. Individual alarm and supervisory zone labels identified.
na Common trouble signal operates.
na Visual indicator test (lamp test) operates.
na Input wiring form control unit/transponder supervised
na Alarm signal silence visual indicator operates.
na Switches for ancillary function operate as per design.
na Other ancillary functions visual indicators operate.
na Manual activation of alarm signal and indication operate.
na Displays are visible in installed location.

2.9 Printer Testing

na Operation as per design and specification?
na Zone of each alarm initiating device is correctly printed.
na Rated voltage is present.

2.10 Data Communication Link Test (DCL)

na Confirm that a trouble signal is receive at the control unit 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, annunciation of the fault confirmed, and then a field device on the source side shall be operated, and activation confirmed at the control unit or transponder.
na Where a fault isolation in DCL is provided between control units/transponders and between
na Transponders, introduce a short circuit fault and confirm Continued.....

Annunciation of the fault and operation outside the shorted section between each pair of :

na (i) Control unit to control unit
na (ii) Control unit to transponder
na (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?
Output circuits for selective voice paging including visual
indication operates.
na Output circuits for selective voice paging trouble operation including visual indication operates.
na Microphone including press to talk switch operates.
na Operation of voice paging does interfere with initial inhibit time of alert and alarm signal?
na All call voice paging operates on emergency power?
na Upon failure of one amplifier, system automatically transfers to backup amplifier.
na Circuits for emergency telephone call in operation including audible and visual indication operates
na Circuits for emergency telephone for operation, including two way voice communication operates.
na Circuits for emergency telephones trouble operation including visual indication operates.
na Emergency telephone verbal communication operates.
na Emergency telephone operable or in-use tone at handset.

2.11 Ancillary Device Circuit Test

na Circuit confirmed
na Circuit confirmed
na Circuit confirmed
na Circuit confirmed

Additional Comments:

Tested all devices on battery back up.

Inspection and Testing of Fire Alarm Systems
Individual Device Record

Date July 17, 2014	Building Name: K081 Provost R.C.M.P

A. Correctly installed.	D. Annunciator indication confirmed.
B. Requires Service, Repairs, missing, or cleaning	E. Zone circuit number or address
C. Alarm operation confirmed	

"Y" - Acceptable "N" – Unacceptable (Explain NO answers in comments) "NA" Not applicable

Device	Location	A	B	C	D	E	Remarks
	Zone 1	Y	NA	Y	Y	Y	
M	Main floor stairs well	Y	NA	Y	Y	Y	
	Zone 2	Y	NA	Y	Y	Y	
M	2nd floor	Y	NA	Y	Y	Y	
	Zone 3	Y	NA	Y	Y	Y	
M	Basement entrance	Y	NA	Y	Y	Y	
S	Basement utility area	Y	NA	Y	Y	Y	
	Zone 4	Y	NA	Y	Y	Y	
S	Basement furnace	Y	NA	Y	Y	Y	
	Zone 5	Y	NA	Y	Y	Y	
S	Top of stairs 2nd floor	Y	NA	Y	Y	Y	
	Zone 6	Y	NA	Y	Y	Y	
S	Basement stairwell	Y	NA	Y	Y	Y	
	Zone 7	Y	NA	Y	Y	Y	
S	Office area east	Y	NA	Y	Y	Y	
M	Office area	Y	NA	Y	Y	Y	
S	Interview	Y	NA	Y	Y	Y	
S	Monitor room	Y	NA	Y	Y	Y	
M	Cell hallway	Y	NA	Y	Y	Y	
S	Cell corridor	Y	NA	Y	Y	Y	
S	Garage storage	Y	NA	Y	Y	Y	
RHT	Secure records	Y	NA	Y	Y	Y	
RHT	Mech room	Y	NA	Y	Y	Y	
RHT	Secure bay	Y	NA	Y	Y	Y	
S	Zone 8 – cell # 1	Y	NA	Y	Y	Y	
S	Zone 9 – cell # 2	Y	NA	Y	Y	Y	
S	Furnance room	Y	NA	Y	Y	Y	

M.	Manual Pull station	DS	Duct smoke detector	B	Bell	AD	Ancillary device
HT	Heat detector, non restorable	SFD	Supporting field device - monitor	H	Horn	ET	Emergency Telephone
RHT	Heat detector, Restorable	FS	Sprinkler flow switch	V	Visual signal appliance	EOL	End of line resistor
S	Smoke detector	SS	Sprinkler supervisory device	SP	Cone type speaker		Other supervisory devices
RI	Remote indicator unit	EM	Fault isolation module	HSP	Horn type speaker		Other type of detector
PS	Pressure switch	BS	Bell & Strobe				

Inspection and Testing of Fire Alarm Systems

Signal Devices Record

Date July 17, 2014	Building Name: K081 Provost R.C.M.P

A. Correctly installed.
B. Requires Service, Repairs, missing, or cleaning
C. Alarm operation confirmed

"Y" - Acceptable "N" – Unacceptable (Explain NO answers in comments) "NA" Not applicable

Device	Location	A	B	C	Remarks
H/S	Upstairs	Y	NA	Y	
H/S	Main office	Y	NA	Y	
H/S	Garage	Y	NA	Y	
H/S	Basment	Y	NA	Y	

M.	Manual Pull station	DS	Duct smoke detector	B	Bell	AD	Ancillary device
HT	Heat detector, non restorable	SFD	Supporting field device - monitor	H	Horn	ET	Emergency Telephone
RHT	Heat detector, Restorable	FS	Sprinkler flow switch	V	Visual signal appliance	EOL	End of line resistor
S	Smoke detector	SS	Sprinkler supervisory device	SP	Cone type speaker		Other supervisory devices
RI	Remote indicator unit	EM	Fault isolation module	HSP	Horn type speaker		Other type of detector
PS	Pressure switch	BS	Bell & Strobe				

Inspection and Testing of Fire Alarm Systems

Date July 14, 2014 **Building Name: K302 Bashaw R.C.M.P**

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

2.5 Emergency Power Supply Test and Inspection

na 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

na Power on indicator operates.
na 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

na Minimum of 1 alarm zone and one supervisory zone tested per annunciator or sequential display to confirm operation.
na Individual alarm and supervisory zone labels identified.
na Common trouble signal operates.
na Visual indicator test (lamp test) operates.
na Input wiring form control unit/transponder supervised
na Alarm signal silence visual indicator operates.
na Switches for ancillary function operate as per design.
na Other ancillary functions visual indicators operate.
na Manual activation of alarm signal and indication operate.
na Displays are visible in installed location.

2.9 Printer Testing

na Operation as per design and specification?
na Zone of each alarm initiating device is correctly printed.
na Rated voltage is present.

2.10 Data Communication Link Test (DCL)

na Confirm that a trouble signal is receive at the control unit 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, annunciation of the fault confirmed, and then a field device on the source side shall be operated, and activation confirmed at the control unit or transponder.
na Where a fault isolation in DCL is provided between control units/transponders and between
na Transponders, introduce a short circuit fault and confirm Continued…..

Annunciation of the fault and operation outside the shorted section between each pair of :

na (i) Control unit to control unit
na (ii) Control unit to transponder
na (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?
Output circuits for selective voice paging including visual
indication operates.
na Output circuits for selective voice paging trouble operation including visual indication operates.
na Microphone including press to talk switch operates.
na Operation of voice paging does interfere with initial inhibit time of alert and alarm signal?
na All call voice paging operates on emergency power?
na Upon failure of one amplifier, system automatically transfers to backup amplifier.
na Circuits for emergency telephone call in operation including audible and visual indication operates
na Circuits for emergency telephone for operation, including two way voice communication operates.
na Circuits for emergency telephones trouble operation including visual indication operates.
na Emergency telephone verbal communication operates.
na Emergency telephone operable or in-use tone at handset.

2.11 Ancillary Device Circuit Test

yes	Circuit	HVAC shut down
na	Circuit	confirmed
na	Circuit	confirmed
na	Circuit	confirmed

Additional Comments:

Annunciator panel in guard room needs a pass code to work.

CENTRATECH TECHNICAL SERVICES LTD.
ANNUAL MAINTENANCE RECORD

Hydrostatic Testing - Breathing Air - Fire Extinguisher Sales, Service, Recharging

"Your Fire and Safety Specialists"

CUSTOMER: K081 Provost Detachment

ADDRESS: 5012 - 53rd Street
Provost, Alberta

CONTACT: Stan Scott

PHONE: (403) 716-4323

JOB TICKET/INVOICE:

DATE: July 17, 2014

TECHNICIAN: Korey

CASH/ACCOUNT: Account/PO Required

PO# (if required):

#	EXTINGUISHER LOCATION	EXT. SERIAL #	EXT. MAKE	CO	EXT. TYPE	HP	SP	YR MFG	YR HT	YR 6YR	YRHT CART	COMMENTS
1	Front Entrance	939008	Amerex		5 ABC		X	09				Inspection
2	Upstairs	939009	Amerex		5 ABC		X	09				Inspection
3	Cell Area	842527	Amerex		10 ABC		X	13				Inspection
4	Downstairs	002435	Flag		5 ABC		X	95	10			Inspection
5												
6	House #5320	939016	Amerex		5 ABC		X	09				Inspection
7	House #5318	939031	Amerex		5 ABC		X	09				Inspection
8	House #4112	592165	Amerex		5 ABC		X	05		11		Inspection
9	House #4114	400631	Strike		5 ABC		X	09				Inspection
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
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24												
25												
26												
27												
28												
29												
30												

COMMENTS:

#1, 7644 - 49th. Avenue Red Deer, Alberta T4P 1M4 - Phone: (403) 343-1119 - 24 Hours Service - Fax: (403) 346-7774

Inspection and Testing of Fire Alarm Systems

Centratech Technical Services Ltd # 1 – 7644 – 49th Ave Red Deer, Alberta	Date of Service: August 14, 2014		Time: 9:00 am
	Annual Inspection YES		Last Service Date 201 3
	Single Stage YES	Two Stage NA	Direct Connection None
	Manufacturer: Edwards 450098		Model: Edwards
Building Name: K110 Red Deer Distract Office	Contact Person: Donna Alyssa		Phone: Fax:
Address: 4300 – 55th Street	Owner:		Phone: Fax:
City: Red Deer, AB	Fire Signal Receiving Centre: NA		Phone: Fax:

"Yes"- Acceptable "No" - Unacceptable (Explain No answers in comments)

Yes	No	Summary
☒	☐	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 Checklist**
☒	Reconnect time limit cutouts?
☒	Reconnect ancillary functions?
☐	Reconnect ancillary functions (off site connections)?
☒	Reconnect signal power?
☒	Advise fire department the testing is completed?
☒	Ensure that the alarm system is functional?

Comments

Note; Transformer that charges the batteries is starting to fail.

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.

Korey Campbell CFFA 11-996672	Aug 14, 2014	9:00 am	
Technician	Date	Time	Owner or Authorized Agent

Inspection and Testing of Fire Alarm Systems

Date: Aug 14, 2014 **Building Name: K110 Red Deer R.C.M.P**

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

2.1 Control Unit or Transponder Tests

yes Power on visual indicator operates.
yes Common visual trouble signal operates.
yes Common audible trouble signal operates.
yes Trouble signal silence switch operates.
yes Main Power supply failure trouble signal operates.
yes Ground fault tested on positive and negative trouble signal
na Alert signal operation operates.
yes Alarm signal operation operates.
na Automatic transfer from alert to alarm signal operates.
na Manual transfer from alert signal to alarm signal operates.
na Auto transfer from alert to alarm signal cancel operates
yes Alarm signal silence inhibit function operates?
yes Alarm signal manual silence operates.
yes Alarm signal silence visual indication operates.
yes Alarm signal when silenced automatically reinitiates on subsequent alarm?
na Alarm signal silence automatic cut-out timer.
yes Audible visual and alert and alarm signals programmed and operate as per design & specification. (app C)
yes Input circuit alarm and supervisory operation including audible and visual indication operates.
yes Input circuit supervision fault causes a trouble indication.
yes Output circuit alarm indicators operate.
yes Output circuit supervision fault causes a trouble indication.
yes Visual indicator test (lamp test).
na Coded signal sequence operate not less than the required number of times and the correct alarm signal thereafter.
na Coded signal sequences are not interrupted by subsequent alarms?
yes Ancillary circuit by-pass will result in a trouble signal.
yes Input circuit to output circuit operation including ancillary device circuits, for correct program operation as per design & spec. (App "C")
yes Fire alarm Reset operates.
yes 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 Operation of the fire signal receiving center disconnect results in a specific trouble indication at control unit?

2.3 Control Unit or Transponder Inspection

yes Input circuit designations, correctly identified in relation to connected field devices
yes Output circuit designations correctly identified in relation to connected field devices.
yes Correct designations-common control functions / indicators
yes Plug-in components and modules securely in place?
yes Plug-in cables securely in place
na Record date, revision and version of Firmware & software
na Date: Rev: Ver:
yes Clean and free of dust and dirt?
yes Fuses in accordance with MFGs specification?
Control Unit or transponder lock functional?
yes Termination points from wiring to field devices secure

2.6 Annunciator & Remote Trouble Test & Inspection

yes Power on indicator operates.
yes Individual alarm and supervisory input zone clearly
yes Indicated and separately designated?
yes Individual alarm and supervisory zone labels identified.
yes Common trouble signal operates.
yes Visual indicator test - Lamp test operates.
yes Input wiring from control unit/transponder is supervised.
yes Alarm signal silence visual indicator operates.
na Switches for ancillary function operate as per design.
yes Other ancillary function visual indicators operate.
na Manual activation of alarm signal and indication operates.
yes Displays are visible in installed location operates?
yes Operates on emergency power?

2.4 Power Supply Inspection

yes Fused with mfgs marked rating of the system?
yes Adequate to meet the requirements of the system?

2.8 Remote Trouble Signal Unit Test and Inspection

na Input wiring form control/transponder is supervised.
na Visual trouble signal operates.
na Audible trouble signal operates.
na Audible trouble signal silence operates.

2.5 Emergency Power Supply Test and Inspection

yes Correct battery type as recommend by manufacturer?
yes Correct rating as determined by battery calculations based on full system load?
yes Battery voltage main power on? **28 Vdc / 300 ma**
yes Battery voltage and current with main power supply "off" and fire alarm in supervisory condition?
Voltage **25.2 Vdc** Current **300ma**
yes Battery voltage and current with main power supply "off" and fire alarm in full load alarm condition?
Voltage **25 Vdc** Current **500ma**
yes Charging current is **400ma**
yes Inspected for physical damage?
na Terminal cleaned and lubricated?
yes Terminals clamped tightly.
na Correct Electrolyte level?
na Specific gravity within mfg specifications?
no Electrolyte leaks.
yes Adequately ventilated?
yes Battery mfg's date code or in-service date
yes Disconnection causes trouble signal.
Indicate type of Battery Test Performed?
(1) supervisory load for 24h followed by full load operation.
(2) silent test by using load resister method -App F1
(3)Silent accelerated test – App F2
yes (4) A battery capacity meter test App F3
(5) In lieu of battery tests, Replace with new set having current date code, as per mfg
na Record calculated battery capacity App F4 A h
yes Record battery terminal voltage after tests 25.3 V dc
yes Battery voltage not less than 85% of its rating after tests.
na Generator provides power to the AC circuit for FA syst.

Inspection and Testing of Fire Alarm Systems

Date: Aug 14, 2014 **Building Name: K110 Red Deer R.C.M.P**

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

2.5 Emergency Power Supply Test and Inspection

na 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

Na Power on indicator operates.

Na 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

Na Minimum of 1 alarm zone and one supervisory zone tested per annunciator or sequential display to confirm operation.

Na Individual alarm and supervisory zone labels identified.

Na Common trouble signal operates.

Na Visual indicator test (lamp test) operates.

Na Input wiring form control unit/transponder supervised

Na Alarm signal silence visual indicator operates.

Na Switches for ancillary function operate as per design.

Na Other ancillary functions visual indicators operate.

Na Manual activation of alarm signal and indication operate.

Na Displays are visible in installed location.

2.9 Printer Testing

na Operation as per design and specification?

na Zone of each alarm initiating device is correctly printed.

na Rated voltage is present.

2.10 Data Communication Link Test (DCL)

na Confirm that a trouble signal is receive at the control unit 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, annunciation of the fault confirmed, and then a field device on the source side shall be operated, and activation confirmed at the control unit or transponder.

na Where a fault isolation in DCL is provided between control units/transponders and between

na Transponders, introduce a short circuit fault and confirm

Continued.....

Annunciation of the fault and operation outside the shorted section between each pair of :

na (i) Control unit to control unit

na (ii) Control unit to transponder

na (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?

Output circuits for selective voice paging including visual

indication operates.

na Output circuits for selective voice paging trouble operation including visual indication operates.

na Microphone including press to talk switch operates.

na Operation of voice paging does interfere with initial inhibit time of alert and alarm signal?

na All call voice paging operates on emergency power?

na Upon failure of one amplifier, system automatically transfers to backup amplifier.

na Circuits for emergency telephone call in operation including audible and visual indication operates

na Circuits for emergency telephone for operation, including two way voice communication operates.

na Circuits for emergency telephones trouble operation including visual indication operates.

na Emergency telephone verbal communication operates.

na Emergency telephone operable or in-use tone at handset.

2.11 Ancillary Device Circuit Test

Y Circuit HVAC confirmed

na Circuit confirmed

na Circuit confirmed

na Circuit confirmed

Additional Comments:

All smoke detectors require replacement due to age.

Inspection and Testing of Fire Alarm Systems
Individual Device Record

Date: Aug 14, 2014	Building Name: K110 Red Deer R.C.M.P

A. Correctly installed.
B. Requires Service, Repairs, missing, or cleaning
C. Alarm operation confirmed
D. Annunciator indication confirmed.
E. Zone circuit number or address

"Y" - Acceptable "N" – Unacceptable (Explain NO answers in comments) "NA" Not applicable

Device	Location	A	B	C	D	E	Remarks
HT	Meter room	Y	NA	Y	Y	1	
HT	Generator room	Y	NA	Y	Y	1	
EOL	Meter room entrance	Y	NA	Y	Y	1	
M	Entrance	Y	NA	Y	Y	1	
M	Entrance east	Y	NA	Y	Y	2	
EOL	Basement entrance west	Y	NA	Y	Y	2	
M	Entrance west	Y	NA	Y	Y	2	
HT	Gun range	Y	NA	Y	Y	2	
HT	Gun range file storage	Y	NA	Y	Y	2	
RHT	Gun range janitor room	Y	NA	Y	Y	2	
HT	Ammo storage	Y	NA	Y	Y	2	
HT	Mech room	Y	NA	Y	Y	2	
HT	Mech room	Y	NA	Y	Y	2	
HT	Mech room	Y	NA	Y	Y	2	
HT	Mech room	Y	NA	Y	Y	2	
RHT	Mech storage room	Y	NA	Y	Y	2	
HT	Elevator room	Y	NA	Y	Y	2	
S	Electrical room	Y	NA	Y	Y	2	
RHT	Janitor room	Y	NA	Y	Y	2	
RHT	Male locker room	Y	NA	Y	Y	2	
RHT	Women locker room	Y	NA	Y	Y	2	
	Spare (not in use)					3	
M	Public entrance	Y	NA	Y	Y	4	
M	East stair well entrance	Y	NA	Y	Y	4	
M	West exit	Y	NA	Y	Y	4	
RHT	ERT locker room	Y	NA	Y	Y	4	Replaced 2014
RHT	Electrical room	Y	NA	Y	Y	4	
M	ERT room exit	Y	NA	Y	Y	4	
RHT	ERT room	Y	NA	Y	Y	4	
RHT	ERT garage	Y	NA	Y	Y	4	

M.	Manual Pull station	DS	Duct smoke detector	B	Bell	AD	Ancillary device
HT	Heat detector, non restorable	SFD	Supporting field device - monitor	H	Horn	ET	Emergency Telephone
RHT	Heat detector, Restorable	FS	Sprinkler flow switch	V	Visual signal appliance	EOL	End of line resistor
S	Smoke detector	SS	Sprinkler supervisory device	SP	Cone type speaker		Other supervisory devices
RI	Remote indicator unit	EM	Fault isolation module	HSP	Horn type speaker		Other type of detector
PS	Pressure switch	BS	Bell & Strobe				

Inspection and Testing of Fire Alarm Systems
Individual Device Record

Date: Aug 14, 2014	Building Name: K110 Red Deer R.C.M.P

A. Correctly installed.
B. Requires Service, Repairs, missing, or cleaning
C. Alarm operation confirmed
D. Annunciator indication confirmed.
E. Zone circuit number or address

"Y" - Acceptable "N" – Unacceptable (Explain NO answers in comments) "NA" Not applicable

Device	Location	A	B	C	D	E	Remarks
RHT	Storage room	Y	NA	Y	Y	4	
RHT	Outer exhibit room	Y	NA	Y	Y	4	NAC
RHT	Inner exhibit room	Y	NA	Y	Y	4	NAC
M	Secure bay exit	Y	NA	Y	Y	4	
RHT	Secure bay	Y	NA	Y	Y	4	
RHT	Secure bay south	Y	NA	Y	Y	4	
M	Secure bay south	Y	NA	Y	Y	4	
HT	Storage room	Y	NA	Y	Y	4	
RHT	Janitors room	Y	NA	Y	Y	4	
HT	ATS garage	Y	NA	Y	Y	5	
HT	ATS garage	Y	NA	Y	Y	5	
HT	ATS room	Y	NA	Y	Y	5	
HT	ATS room	Y	NA	Y	Y	5	
HT	ATS storage room	Y	NA	Y	Y	5	
HT	ATS storage room # 2	Y	NA	Y	Y	5	
M	ATS garage exit	Y	NA	Y	Y	5	
M	ATS entrance	Y	NA	Y	Y	5	
EOL	ATS entrance	Y	NA	Y	Y	5	
HT	Major crime kitchen	Y	NA	Y	Y	5	
HT	Serious crime kitchen	Y	NA	Y	Y	5	
M	Serious crime exit	Y	NA	Y	Y	5	
M	2nd floor east stair exit	Y	NA	Y	Y	6	
EOL	2nd floor east stair exit	Y	NA	Y	Y	6	
HT	Major crime kitchen	Y	NA	Y	Y	6	
S	Major crime room 226	Y	NA	Y	Y	6	
HT	Major crime storage room	Y	NA	Y	Y	6	
HT	Major crime locker room	Y	NA	Y	Y	6	
HT	2nd floor janitor room	Y	NA	Y	Y	6	
RHT	2nd floor file room	Y	NA	Y	Y	6	
HT	2nd floor lab office	Y	NA	Y	Y	6	
HT	2nd floor lab kitchen	Y	NA	Y	Y	6	
HT	2nd floor lab	Y	NA	Y	Y	6	
M	2nd floor west exit	Y	NA	Y	Y	6	

M.	Manual Pull station	DS	Duct smoke detector	B	Bell	AD	Ancillary device
HT	Heat detector, non restorable	SFD	Supporting field device - monitor	H	Horn	ET	Emergency Telephone
RHT	Heat detector, Restorable	FS	Sprinkler flow switch	V	Visual signal appliance	EOL	End of line resistor
S	Smoke detector	SS	Sprinkler supervisory device	SP	Cone type speaker		Other supervisory devices
RI	Remote indicator unit	EM	Fault isolation module	HSP	Horn type speaker		Other type of detector
PS	Pressure switch	BS	Bell & Strobe				

Inspection and Testing of Fire Alarm Systems
Individual Device Record

Date: Aug 14, 2014	Building Name: K110 Red Deer R.C.M.P

A. Correctly installed.
B. Requires Service, Repairs, missing, or cleaning
C. Alarm operation confirmed
D. Annunciator indication confirmed.
E. Zone circuit number or address

"Y" - Acceptable "N" – Unacceptable (Explain NO answers in comments) "NA" Not applicable

Device	Location	A	B	C	D	E	Remarks
AD	Halon system	Y	NA	Y	Y	7	
EOL	In coffee room by cylinders	Y	NA	Y	Y	7	
S	West stair well	Y	NA	Y	Y	8	
EOL	West stair well	Y	NA	Y	Y	8	
S	East stair well	Y	NA	Y	Y	9	
EOL	East stair well	Y	NA	Y	Y	9	
RHT	Elevator shaft	Y	NA	Y	Y	10	
EOL	Elevator shaft	Y	NA	Y	Y	10	
	Spare (not in use)					11	
	Spare (not in use)					12	
	Spare (not in use)					13	
DS	Return HVAC mech rm	Y	NA	Y	Y	14	
EOL	Return HVAC mech rm	Y	NA	Y	Y	14	
DS	Return HVAC mech rm	Y	NA	Y	Y	15	Should be replace due to age
EOL	Return HVAC mech rm	Y	NA	Y	Y	15	
DS	Supply HVAC mech rm	Y	NA	Y	Y	16	Should be replace due to age
EOL	Supply HVAC mech rm	Y	NA	Y	Y	16	
DS	Supply HVAC mech rm	Y	NA	Y	Y	17	Should be replace due to age

M.	Manual Pull station	DS	Duct smoke detector	B	Bell	AD	Ancillary device
HT	Heat detector, non restorable	SFD	Supporting field device - monitor	H	Horn	ET	Emergency Telephone
RHT	Heat detector, Restorable	FS	Sprinkler flow switch	V	Visual signal appliance	EOL	End of line resistor
S	Smoke detector	SS	Sprinkler supervisory device	SP	Cone type speaker		Other supervisory devices
RI	Remote indicator unit	EM	Fault isolation module	HSP	Horn type speaker		Other type of detector
PS	Pressure switch	BS	Bell & Strobe				

Inspection and Testing of Fire Alarm Systems
Signal Devices Record

Date: Aug 14, 2014	Building Name: K11 Red Deer R.C.M.P

A. Correctly installed.
B. Requires Service, Repairs, missing, or cleaning
C. Alarm operation confirmed

"Y" - Acceptable "N" – Unacceptable (Explain NO answers in comments) "NA" Not applicable

Device	Location	A	B	C	Remarks
Bell	Main office	Y	NA	Y	
Bell	ERT room	Y	NA	Y	
Bell	Garage	Y	NA	Y	
Bell	Drug/Major crime	Y	NA	Y	
Bell	Gun range	Y	NA	Y	
Bell	Gun range entrance	Y	NA	Y	
Bell	Mech room	Y	NA	Y	
Bell	Basement hallway	Y	NA	Y	
Bell	Generator room	Y	NA	Y	
Bell	2nd floor lab	Y	NA	Y	
Bell	2nd floor hallway	Y	NA	Y	
Bell	2nd floor lab computer room	Y	NA	Y	
Bell	By room 224	Y	NA	Y	
Bell	Dispatch	Y	NA	Y	
EOL	2nd floor hallway	Y	NA	Y	
EOL	Basement hallway	Y	NA	Y	

M.	Manual Pull station	DS	Duct smoke detector	B	Bell	AD	Ancillary device
HT	Heat detector, non restorable	SFD	Supporting field device - monitor	H	Horn	ET	Emergency Telephone
RHT	Heat detector, Restorable	FS	Sprinkler flow switch	V	Visual signal appliance	EOL	End of line resistor
S	Smoke detector	SS	Sprinkler supervisory device	SP	Cone type speaker		Other supervisory devices
RI	Remote indicator unit	EM	Fault isolation module	HSP	Horn type speaker		Other type of detector
PS	Pressure switch	BS	Bell & Strobe				

CENTRATECH TECHNICAL SERVICES LTD.
ANNUAL MAINTENANCE RECORD

Hydrostatic Testing - Breathing Air - Fire Extinguisher Sales, Service, Recharging

"Your Fire and Safety Specialists"

CUSTOMER: Red Deer Rural RCMP

ADDRESS: 4300 - 53rd Street

Red Deer, AB

CONTACT: Donna Moore

PHONE: 403-343-5500

JOB TICKET/INVOICE:

DATE: August 14, 2014

TECHNICIAN: Gilbert

CASH/ACCOUNT: Account

PO# (if required):

#	EXTINGUISHER LOCATION	EXT. SERIAL #	EXT. MAKE	CO	EXT. TYPE	HP	SP	YR MFG	YR HT	YR 6YR	YRHT CART	COMMENTS
1	Range	230083	Amerex		15 CO2		X	09	14			Hydro 2014
2	Lower Hall	334841	Ansul		5 ABC		X	07		13		Inspection
3	Boiler Room	334843	Ansul		5 ABC		X	07		13		Inspection
4	Elec Room	334849	Ansul		5 ABC		X	07		13		Inspection
5	Lower Hall	334837	Ansul		5 ABC		X	07		13		Inspection
6	Generator room	650912	Ansul		5 ABC		X	89	05	11		Inspection
7	Telephone Exchange	282001	Badger		5 CO2		X	06	11			Inspection
8	ERT	136997	Amerex		10 ABC		X	10				Inspection
9	ERT Garage	334860	Ansul		5 ABC		X	07		13		Inspection
10	Exhibit Room	279228	Amerex		5 ABC		X	05		11		Locked
11	By Telephone room	334779	Ansul		5 ABC		X	07		14		6 Year 2014
12	HP Bay	334850	Ansul		5 ABC		X	07		13		Inspection
13	Indent Bay	251739	Ansul		5 ABC		X	07		13		Inspection
14	Comp Tech Bay	334838	Ansul		5 ABC		X	07		13		Inspection
15	Workshop Bay	650914	Ansul		5 ABC		X	07		13		Inspection
16	Informatics Back Store	253298	Pyrene		5 ABC		X	08		14		6 Year 2014
17	Sea Can Outside	939217	Amerex		5 ABC		X	09				Inspection
18	Drugs/MCU	648260	Pyrene		5 ABC		X	89	13	07		Inspection
19	CIS	136036	Amerex		10 ABC		X	10				Inspection
20	Upper Hall	650936	Pyrene		5 ABC		X	89	13	07		Inspection
21	Telecom	282171	Badger		5 CO2		X	06	11			Inspection
22	Telecom	132339	Badger		5 CO2		X	06	11			Inspection
23	Telecom	282172	Badger		5 CO2		X	06	11			Inspection
24	MCU Kitchen	939137	Amerex		5 ABC		X	09				Inspection
25	Telecom	291271	Badger		5 CO2		X	06	11			Inspection
26	Upper Hall	650921	Pyrene		5 ABC		X	89	14			Hydro 2014
27	Ident	334870	Ansul		5 ABC		X	07		13		Inspection
28	Ident	334854	Ansul		5 ABC		X	07		13		Inspection
29	Ident	230085	Amerex		10 CO2		X	09	14			Hydro 2014
30	Spare in ITS	613751	Amerex		20 ABC		X	05		13		Inspection
31												

COMMENTS:

CENTRATECH TECHNICAL SERVICES LTD.
ANNUAL MAINTENANCE RECORD

Hydrostatic Testing - Breathing Air - Fire Extinguisher Sales, Service, Recharging

"Your Fire and Safety Specialists"

CUSTOMER: Red Deer Rural RCMP

ADDRESS: 4300 - 53rd Street
Red Deer, AB

CONTACT: Donna Moore

PHONE: 403-343-5500

JOB TICKET/INVOICE:

DATE: August 14, 2014

TECHNICIAN: Gilbert

CASH/ACCOUNT: Account

PO# (if required):

#	EXTINGUISHER LOCATION	EXT. SERIAL #	EXT. MAKE	CO	EXT. TYPE	HP	SP	YR MFG	YR HT	YR 6YR	YRHT CART	COMMENTS
1	Range	230083	Amerex		15 CO2		X	09	14			Hydro 2014
2	Lower Hall	334841	Ansul		5 ABC		X	07		13		Inspection
3	Boiler Room	334843	Ansul		5 ABC		X	07		13		Inspection
4	Elec Room	334849	Ansul		5 ABC		X	07		13		Inspection
5	Lower Hall	334837	Ansul		5 ABC		X	07		13		Inspection
6	Generator room	650912	Ansul		5 ABC		X	89	05	11		Inspection
7	Telephone Exchange	282001	Badger		5 CO2		X	06	11			Inspection
8	ERT	136997	Amerex		10 ABC		X	10				Inspection
9	ERT Garage	334860	Ansul		5 ABC		X	07		13		Inspection
10	Exhibit Room	279228	Amerex		5 ABC		X	05		11		Locked
11	By Telephone room	334779	Ansul		5 ABC		X	07		14		6 Year 2014
12	HP Bay	334850	Ansul		5 ABC		X	07		13		Inspection
13	Indent Bay	251739	Ansul		5 ABC		X	07		13		Inspection
14	Comp Tech Bay	334838	Ansul		5 ABC		X	07		13		Inspection
15	Workshop Bay	650914	Ansul		5 ABC		X	07		13		Inspection
16	Informatics Back Store	253298	Pyrene		5 ABC		X	08		14		6 Year 2014
17	Sea Can Outside	939217	Amerex		5 ABC		X	09				Inspection
18	Drugs/MCU	648260	Pyrene		5 ABC		X	89	13	07		Inspection
19	CIS	136036	Amerex		10 ABC		X	10				Inspection
20	Upper Hall	650936	Pyrene		5 ABC		X	89	13	07		Inspection
21	Telecom	282171	Badger		5 CO2		X	06	11			Inspection
22	Telecom	132339	Badger		5 CO2		X	06	11			Inspection
23	Telecom	282172	Badger		5 CO2		X	06	11			Inspection
24	MCU Kitchen	939137	Amerex		5 ABC		X	09				Inspection
25	Telecom	291271	Badger		5 CO2		X	06	11			Inspection
26	Upper Hall	650921	Pyrene		5 ABC		X	89	14			Hydro 2014
27	Ident	334870	Ansul		5 ABC		X	07		13		Inspection
28	Ident	334854	Ansul		5 ABC		X	07		13		Inspection
29	Ident	230085	Amerex		10 CO2		X	09	14			Hydro 2014
30	Spare in ITS	613751	Amerex		20 ABC		X	05		13		Inspection
31												

COMMENTS:

Inspection and Testing of Fire Alarm Systems

Centratech Technical Services Ltd # 1 – 7644 – 49th Ave Red Deer, Alberta	Date of Service: July 17, 2014		Time: 9:00 am
	Annual Inspection YES		Last Service Date July 2013
	Single Stage NA	Two Stage YES	Direct Connection Reliance YES
	Manufacturer: Simplex		Model: Simplex 4002
Building Name: K309 R.C.M.P Detachment	Contact Person: Alyssa		Phone: Fax:
Address: 4428 45th Street	Owner:		Phone: Fax:
City: Rocky Mountain House , AB	Fire Signal Receiving Centre:		Phone: Fax:

"Yes"- Acceptable "No" - Unacceptable (Explain No answers in comments)

Yes	No	Summary
☒	☐	The entire fire alarm system has been inspected and tested in accordance with CAN/ULC S536-04
☒	☐	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. See notes / comments.
☒	☐	A copy of this report is given to the Owner or the owner's representative.

	Technicians After-test Checklist
☐	
☒	Reconnect time limit cutouts?
☒	Reconnect ancillary functions?
☐	Reconnect ancillary functions (off site connections)?
☒	Reconnect signal power?
☒	Advise fire department the testing is completed?
☒	Ensure that the alarm system is functional?

Comments

All the smoke detectors seem to be original to the system and thus are over 10 years old and should be replaced as per the Alberta Fire Code AFC 6.3.1.2.(1).

The information on this form (and in the documents attached hereto) attests to the fact that the equipment listed herein has been tested/inspected in conformance with applicable codes, bylaws, standards, and the manufacturer's requirements by a qualified technician. The equipment was left in an operational condition except as noted in the spaces marked "comments."

Centratech technical Services Ltd. Craig De Graff CFAA#11-995091	July 17,2014	1700 Hrs.	
Technician	Date	Time	Owner or Authorized Agent

Inspection and Testing of Fire Alarm Systems

Date July 17, 2014	Building Name: K309 Rocky Mountain House R.C.M.P

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

2.1 Control Unit or Transponder Tests

yes Power on visual indicator operates.
yes Common visual trouble signal operates.
yes Common audible trouble signal operates.
yes Trouble signal silence switch operates.
yes Main Power supply failure trouble signal operates.
yes Ground fault tested on positive and negative trouble signal
yes Alert signal operation operates.
yes Alarm signal operation operates.
yes Automatic transfer from alert to alarm signal operates.
yes Manual transfer from alert signal to alarm signal operates.
yes Auto transfer from alert to alarm signal cancel operates
yes Alarm signal silence inhibit function operates?
yes Alarm signal manual silence operates.
yes Alarm signal silence visual indication operates.
yes Alarm signal when silenced automatically reinitiates on subsequent alarm?
na Alarm signal silence automatic cut-out timer.
yes Audible visual and alert and alarm signals programmed and operate as per design & specification. (app C)
yes Input circuit alarm and supervisory operation including audible and visual indication operates.
yes Input circuit supervision fault causes a trouble indication.
yes Output circuit alarm indicators operate.
yes Output circuit supervision fault causes a trouble indication.
yes Visual indicator test (lamp test).
na Coded signal sequence operate not less than the required number of times and the correct alarm signal thereafter.
na Coded signal sequences are not interrupted by subsequent alarms?
yes Ancillary circuit by-pass will result in a trouble signal.
yes Input circuit to output circuit operation including ancillary device circuits, for correct program operation as per design & spec. (App "C")
yes Fire alarm Reset operates.
yes 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 Operation of the fire signal receiving center disconnect results in a specific trouble indication at control unit?

2.3 Control Unit or Transponder Inspection

yes Input circuit designations, correctly identified in relation to connected field devices
yes Output circuit designations correctly identified in relation to connected field devices.
yes Correct designations-common control functions / indicators
yes Plug-in components and modules securely in place?
yes Plug-in cables securely in place
na Record date, revision and version of Firmware & software
Date: Rev: Ver:
yes Clean and free of dust and dirt?
yes Fuses in accordance with MFGs specification?
yes Control Unit or transponder lock functional?
yes Termination points from wiring to field devices secure

2.6 Annunciator & Remote Trouble Test & Inspection

yes Power on indicator operates.
yes Individual alarm and supervisory input zone clearly
yes Indicated and separately designated?
yes Individual alarm and supervisory zone labels identified.
yes Common trouble signal operates.
yes Visual indicator test - Lamp test operates.
yes Input wiring from control unit/transponder is supervised.
yes Alarm signal silence visual indicator operates.
yes Switches for ancillary function operate as per design.
yes Other ancillary function visual indicators operate.
yes Manual activation of alarm signal and indication operates.
yes Displays are visible in installed location operates?
yes Operates on emergency power?

2.4 Power Supply Inspection

yes Fused with mfgs marked rating of the system?
yes Adequate to meet the requirements of the system?

2.8 Remote Trouble Signal Unit Test and Inspection

na Input wiring form control/transponder is supervised.
na Visual trouble signal operates.
na Audible trouble signal operates.
na Audible trouble signal silence operates.

2.5 Emergency Power Supply Test and Inspection

yes Correct battery type as recommend by manufacturer?
yes Correct rating as determined by battery calculations based on full system load?
No Battery voltage main power on? 27.2 Vdc / 300 mA
No Battery voltage and current with main power supply "off" and fire alarm in supervisory condition?
Voltage 25.4 Vdc Current 300 mA
No Battery voltage and current with main power supply "off" and fire alarm in full load alarm condition?
Voltage **24.8Vdc** Current **500 mA**
No Charging current is 1.2 A
yes Inspected for physical damage?
na Terminal cleaned and lubricated?
yes Terminals clamped tightly.
na Correct Electrolyte level?
na Specific gravity within mfg specifications?
no Electrolyte leaks.
yes Adequately ventilated?
yes Battery mfg's date code or in-service date 2013
yes Disconnection causes trouble signal.
Indicate type of Battery Test Performed?
(1) supervisory load for 24h followed by full load operation.
(2) silent test by using load resister method -App F1
(3)Silent accelerated test – App F2
yes (4) A battery capacity meter test App F3
(5) In lieu of battery tests, Replace with new set having current date code, as per mfg
na Record calculated battery capacity App F4 A h
yes Record battery terminal voltage after tests 25.1 V dc
yes Battery voltage not less than 85% of its rating after tests.
na Generator provides power to the AC circuit for FA syst.

Inspection and Testing of Fire Alarm Systems

Date July 17, 2014	Building Name: K309 Rocky Mountain House R.C.M.P

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

2.5 Emergency Power Supply Test and Inspection

na 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

na Power on indicator operates.
na 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

na Minimum of 1 alarm zone and one supervisory zone tested per annunciator or sequential display to confirm operation.
___ Individual alarm and supervisory zone labels identified.
na Common trouble signal operates.
na Visual indicator test (lamp test) operates.
na Input wiring form control unit/transponder supervised
na Alarm signal silence visual indicator operates.
na Switches for ancillary function operate as per design.
na Other ancillary functions visual indicators operate.
na Manual activation of alarm signal and indication operate.
na Displays are visible in installed location.

2.9 Printer Testing

na Operation as per design and specification?
na Zone of each alarm initiating device is correctly printed.
na Rated voltage is present.

2.10 Data Communication Link Test (DCL)

na Confirm that a trouble signal is receive at the control unit 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, annunciation of the fault confirmed, and then a field device on the source side shall be operated, and activation confirmed at the control unit or transponder.
na Where a fault isolation in DCL is provided between control units/transponders and between
na Transponders, introduce a short circuit fault and confirm
Continued.....

Annunciation of the fault and operation outside the shorted section between each pair of :
na (i) Control unit to control unit
na (ii) Control unit to transponder
na (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?
___ Output circuits for selective voice paging including visual indication operates.
na Output circuits for selective voice paging trouble operation including visual indication operates.
na Microphone including press to talk switch operates.
na Operation of voice paging does interfere with initial inhibit time of alert and alarm signal?
na All call voice paging operates on emergency power?
na Upon failure of one amplifier, system automatically transfers to backup amplifier.
na Circuits for emergency telephone call in operation including audible and visual indication operates
na Circuits for emergency telephone for operation, including two way voice communication operates.
na Circuits for emergency telephones trouble operation including visual indication operates.
na Emergency telephone verbal communication operates.
na Emergency telephone operable or in-use tone at handset.

2.11 Ancillary Device Circuit Test

Y Circuit HVAC confirmed
na Circuit confirmed
na Circuit confirmed
na Circuit confirmed

Additional Comments:

There are two annunciators on system 1in main guard post, second in other guard post across from cell 127.

Tested FA system on battery backup, breaker is in basement server room east wall marked in red.

Inspection and Testing of Fire Alarm Systems
Individual Device Record

Date July 17, 2014	Building Name: K309 Rocky Mountain House R.C.M.P

A. Correctly installed.
B. Requires Service, Repairs, missing, or cleaning
C. Alarm operation confirmed
D. Annunciator indication confirmed.
E. Zone circuit number or address

"Y" - Acceptable "N" – Unacceptable (Explain NO answers in comments) "NA" Not applicable

Device	Location	A	B	C	D	E	Remarks
	Zone 1						
S	Stair well south	Y	NA	Y	Y	Y	EOL 1 top of south stairs
	Zone 2						
M	Front entrance	Y	NA	Y	Y	Y	
M	Back door	Y	NA	Y	Y	Y	
HT	Men washroom	Y	NA	Y	Y	Y	
HT	Lunch room	Y	NA	Y	Y	Y	
HT	Lunch room	Y	NA	Y	Y	Y	
HT	Office	Y	NA	Y	Y	Y	
HT	Office	Y	NA	Y	Y	Y	
HT	Victim services office	Y	NA	Y	Y	Y	
HT	File storage room	Y	NA	Y	Y	Y	
HT	Office	Y	NA	Y	Y	Y	
HT	Reception	Y	NA	Y	Y	Y	
HT	Main office	Y	NA	Y	Y	Y	
HT	Main office	Y	NA	Y	Y	Y	
HT	Main office	Y	NA	Y	Y	Y	
HT	Main office	Y	NA	Y	Y	Y	
HT	Office # 1	Y	NA	Y	Y	Y	
HT	Office # 2	Y	NA	Y	Y	Y	
HT	Office # 3	Y	NA	Y	Y	Y	
	Zone 3						
M	Garage	Y	NA	Y	Y	Y	
RHT	Garage	Y	NA	Y	Y	Y	

M.	Manual Pull station	DS	Duct smoke detector	B	Bell	AD	Ancillary device
HT	Heat detector, non restorable	SFD	Supporting field device - monitor	H	Horn	ET	Emergency Telephone
RHT	Heat detector, Restorable	FS	Sprinkler flow switch	V	Visual signal appliance	EOL	End of line resistor
S	Smoke detector	SS	Sprinkler supervisory device	SP	Cone type speaker		Other supervisory devices
RI	Remote indicator unit	EM	Fault isolation module	HSP	Horn type speaker		Other type of detector
PS	Pressure switch	BS	Bell & Strobe				

Inspection and Testing of Fire Alarm Systems

Individual Device Record

Date July 17, 2014	Building Name: K309 Rocky Mountain House R.C.M.P	

A. Correctly installed.	D. Annunciator indication confirmed.
B. Requires Service, Repairs, missing, or cleaning	E. Zone circuit number or address
C. Alarm operation confirmed	

"Y" - Acceptable "N" – Unacceptable (Explain NO answers in comments) "NA" Not applicable

Device	Location	A	B	C	D	E	Remarks
	Zone 4						
M	North exit	Y	NA	Y	Y	Y	
S	Outside cell 127	Y	NA	Y	Y	Y	
M	North guard station	Y	NA	Y	Y	Y	
HT	North guard station	Y	NA	Y	Y	Y	
S	In hall by guard station	Y	NA	Y	Y	Y	
S	Outside guard station	Y	NA	Y	Y	Y	
S	Outside cell 139	Y	NA	Y	Y	Y	
HT	Booking room	Y	NA	Y	Y	Y	
HT	Guard station	Y	NA	Y	Y	Y	
HT	Guard station	Y	NA	Y	Y	Y	
M	Guard station	Y	NA	Y	Y	Y	EOL 4 west wall
	Zone 5						
HT	Closed storage exhibit	Y	NA	Y	Y	Y	
HT	Closed storage exhibit	Y	NA	Y	Y	Y	No access locked
	Zone 6						
S	Holding cell 118	Y	NA	Y	Y	Y	Did not respond to smoke
	Zone 7						
S	Holding cell 139	Y	NA	Y	Y	Y	Did not respond to smoke
	Zone 8						
S	Holding cell 128	Y	NA	Y	Y	Y	
	Zone 9						
S	Holding cell 135	Y	NA	Y	Y	Y	Did not respond to smoke
	Zone 10						
S	Holding cell 134	Y	NA	Y	Y	Y	Did not respond to smoke
	Zone 11						
S	Holding cell 133	Y	NA	Y	Y	Y	
	Zone 12						
S	Holding cell 130	Y	NA	Y	Y	Y	Did not respond to smoke

M.	Manual Pull station	DS	Duct smoke detector	B	Bell	AD	Ancillary device
HT	Heat detector, non restorable	SFD	Supporting field device - monitor	H	Horn	ET	Emergency Telephone
RHT	Heat detector, Restorable	FS	Sprinkler flow switch	V	Visual signal appliance	EOL	End of line resistor
S	Smoke detector	SS	Sprinkler supervisory device	SP	Cone type speaker		Other supervisory devices
RI	Remote indicator unit	EM	Fault isolation module	HSP	Horn type speaker		Other type of detector
PS	Pressure switch	BS	Bell & Strobe				

Inspection and Testing of Fire Alarm Systems

Individual Device Record

Date July 17, 2014	Building Name: K309 Rocky Mountain House R.C.M.P

A. Correctly installed.
B. Requires Service, Repairs, missing, or cleaning
C. Alarm operation confirmed
D. Annunciator indication confirmed.
E. Zone circuit number or address

"Y" - Acceptable "N" – Unacceptable (Explain NO answers in comments) "NA" Not applicable

Device	Location	A	B	C	D	E	Remarks
	Zone 15						
M	Entrance	Y	NA	Y	Y	Y	EOL 15
RHT	Weight room	Y	NA	Y	Y	Y	
HT	Weight room	Y	NA	Y	Y	Y	
HT	Server room	Y	NA	Y	Y	Y	
HT	Server room	Y	NA	Y	Y	Y	
HT	Locker room	Y	NA	Y	Y	Y	
HT	Locker room	Y	NA	Y	Y	Y	
HT	Storage room	Y	NA	Y	Y	Y	
	Zone 16						
RHT	Mech room	Y	NA	Y	Y	Y	EOL 16 east wall
HT	Mech room	Y	NA	Y	Y	Y	
HT	Mech room	Y	NA	Y	Y	Y	
	Zone 17						
DS	HVAC supply	Y	NA	Y	Y	Y	
DS	HVAC return	Y	NA	Y	Y	Y	EOL 17 by second duct detector
	Zone 18						
M	General alarm 2nd stage	Y	NA	Y	Y	Y	

M.	Manual Pull station	DS	Duct smoke detector	B	Bell	AD	Ancillary device
HT	Heat detector, non restorable	SFD	Supporting field device - monitor	H	Horn	ET	Emergency Telephone
RHT	Heat detector, Restorable	FS	Sprinkler flow switch	V	Visual signal appliance	EOL	End of line resistor
S	Smoke detector	SS	Sprinkler supervisory device	SP	Cone type speaker		Other supervisory devices
RI	Remote indicator unit	EM	Fault isolation module	HSP	Horn type speaker		Other type of detector
PS	Pressure switch	BS	Bell & Strobe				

Inspection and Testing of Fire Alarm Systems

Signal Devices Record

Date July 17, 2014	Building Name: K309 Rocky Mountain House R.C.M.P

A. Correctly installed.
B. Requires Service, Repairs, missing, or cleaning
C. Alarm operation confirmed

"Y" - Acceptable "N" – Unacceptable (Explain NO answers in comments) "NA" Not applicable

Device	Location	A	B	C	Remarks
Bell	Basement	Y	NA	Y	
Bell	Main hallway	Y	NA	Y	
Bell	Detention	Y	NA	Y	

M.	Manual Pull station	DS	Duct smoke detector	B	Bell	AD	Ancillary device
HT	Heat detector, non restorable	SFD	Supporting field device - monitor	H	Horn	ET	Emergency Telephone
RHT	Heat detector, Restorable	FS	Sprinkler flow switch	V	Visual signal appliance	EOL	End of line resistor
S	Smoke detector	SS	Sprinkler supervisory device	SP	Cone type speaker		Other supervisory devices
RI	Remote indicator unit	EM	Fault isolation module	HSP	Horn type speaker		Other type of detector
PS	Pressure switch	BS	Bell & Strobe				

3.1 Field Device Testing – Legend and Notes

Device	Description	Type	Model No.
M	Manual Pull station	Simplex	
RHT	Heat detector, Restorable	System sensor	
HT	Heat detector, non restorable	System sensor	
DS	Smoke detector age (AFC 6.3.1.2(1))	INTELLIGENT PHOTO	(9 YEARS)
FS	Sprinkler flow switch	NA	
SS	Sprinkler supervisory device	NA	
Bell	Bell 6"	Simplex	

CENTRATECH TECHNICAL SERVICES LTD.
ANNUAL MAINTENANCE RECORD

Hydrostatic Testing - Breathing Air - Fire Extinguisher Sales, Service, Recharging
"Your Fire and Safety Specialists"

CUSTOMER: K309 RMH R.C.M.P
ADDRESS: 4428 - 45th Street
Rocky Mountain House, AB
CONTACT: Stan Scott
PHONE: 403-776-7144

DATE: July 17, 2014
TECHNICIAN: Craig & Gilbert
PO# : 1467244XW

#	EXTINGUISHER LOCATION	EXT. SERIAL #	EXT. MAKE	CO	EXT. TYPE	HP	SP	YR MFG	YR HT	YR 6YR	YRHT CART	COMMENTS
1	Office	939039	Amerex		5 ABC		X	09				Inspection
2	Office Hallway	939017	Amerex		5 ABC		X	09				Inspection
3	Server Room	276662	Flag		5 CO2		X	06	11			Inspection
4	Guard Station	86584	Amerex		10 ABC		X	09				Inspection
5	Guard Station # 2	87608	Amerex		10 ABC		X	10				Inspection
6	Mech Room	87097	Amerex		10 ABC		X	10				Inspection
7	Evidence Room	939018	Amerex		5 ABC		X	09				Inspection
8												
9												
10												
11												
12												
13												
14												
15												
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30												

COMMENTS:

#1, 7644 - 49th. Avenue Red Deer, Alberta T4P 1M4 - Phone: (403) 343-1119 - 24 Hours Service - Fax: (403) 346-7774

Inspection and Testing of Fire Alarm Systems

Centratech Technical Services Ltd # 1 – 7644 – 49th Ave Red Deer, Alberta	Date of Service: July 14, 2014		Time: 1:00 pm
	Annual Inspection YES		Last Service Date 2013
	Single Stage YES	Two Stage	Direct Connection
	Manufacturer: Edwards		Model: Edwards 2280
Building Name: K224 R.C.M.P Detachment	Contact Person: Stan Scott		Phone: Fax:
Address: 5902 44th ave	Owner:		Phone: 403-742-3382 Fax:
City: Stettler , AB Postal Code: T0C 2L1	Fire Signal Receiving Centre: 1-800-653-3382		Phone: Fax:

"Yes"- Acceptable "No" - Unacceptable (Explain No answers in comments)

Yes	No	Summary
☒	☐	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 Checklist
NA	Reconnect time limit cutouts?
YES	Reconnect ancillary functions?
NA	Reconnect ancillary functions (off site connections)?
YES	Reconnect signal power?
NA	Advise fire department the testing is completed?
YES	Ensure that the alarm system is functional?

Comments

System in good working order.

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.

Korey Campbell CFA 996672	July 14, 2014	1:00 pm	
Technician	Date	Time	Owner or Authorized Agent

Inspection and Testing of Fire Alarm Systems

Date July 14, 2014	Building Name: K224 Stettler R.C.M.P

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

2.1 Control Unit or Transponder Tests

- yes Power on visual indicator operates.
- yes Common visual trouble signal operates.
- yes Common audible trouble signal operates.
- yes Trouble signal silence switch operates.
- yes Main Power supply failure trouble signal operates.
- yes Ground fault tested on positive and negative trouble signal
- na Alert signal operation operates.
- yes Alarm signal operation operates.
- na Automatic transfer from alert to alarm signal operates.
- na Manual transfer from alert signal to alarm signal operates.
- na Auto transfer from alert to alarm signal cancel operates
- yes Alarm signal silence inhibit function operates?
- yes Alarm signal manual silence operates.
- yes Alarm signal silence visual indication operates.
- yes Alarm signal when silenced automatically reinitiates on subsequent alarm?
- na Alarm signal silence automatic cut-out timer.
- na Audible visual and alert and alarm signals programmed and operate as per design & specification. (app C)
- yes Input circuit alarm and supervisory operation including audible and visual indication operates.
- yes Input circuit supervision fault causes a trouble indication.
- yes Output circuit alarm indicators operate.
- yes Output circuit supervision fault causes a trouble indication.
- yes Visual indicator test (lamp test).
- yes Coded signal sequence operate not less than the required number of times and the correct alarm signal thereafter.
- yes Coded signal sequences are not interrupted by subsequent alarms?
- yes Ancillary circuit by-pass will result in a trouble signal.
- yes Input circuit to output circuit operation including ancillary device circuits, for correct program operation as per design & spec. (App "C")
- yes Fire alarm Reset operates.
- yes Main power to emergency power supply transfer operates.
- na Status change confirmation (smoke detectors) verified
- yes Receipt of alarm transmission to signal receiving center?
- na Receipt of supervisory trans to signal receiving center?
- yes Receipt of trouble transmission to signal receiving center?
- yes Operation of the fire signal receiving center disconnect results in a specific trouble indication at control unit?

2.3 Control Unit or Transponder Inspection

- yes Input circuit designations, correctly identified in relation to connected field devices
- yes Output circuit designations correctly identified in relation to connected field devices.
- yes Correct designations-common control functions / indicators
- yes Plug-in components and modules securely in place?
- yes Plug-in cables securely in place
- na Record date, revision and version of Firmware & software
- ___ Date: Rev: Ver:
- yes Clean and free of dust and dirt?
- yes Fuses in accordance with MFGs specification?
- ___ Control Unit or transponder lock functional?
- yes Termination points from wiring to field devices secure

2.6 Annunciator & Remote Trouble Test & Inspection

- na Power on indicator operates.
- na Individual alarm and supervisory input zone clearly
- na Indicated and separately designated?
- na Individual alarm and supervisory zone labels identified.
- na Common trouble signal operates.
- na Visual indicator test - Lamp test operates.
- na Input wiring from control unit/transponder is supervised.
- na Alarm signal silence visual indicator operates.
- na Switches for ancillary function operate as per design.
- na Other ancillary function visual indicators operate.
- na Manual activation of alarm signal and indication operates.
- na Displays are visible in installed location operates?
- na Operates on emergency power?

2.4 Power Supply Inspection

- yes Fused with mfgs marked rating of the system?
- yes Adequate to meet the requirements of the system?

2.8 Remote Trouble Signal Unit Test and Inspection

- na Input wiring form control/transponder is supervised.
- na Visual trouble signal operates.
- na Audible trouble signal operates.
- na Audible trouble signal silence operates.

2.5 Emergency Power Supply Test and Inspection

- yes Correct battery type as recommend by manufacturer?
- yes Correct rating as determined by battery calculations based on full system load?
- yes Battery voltage main power on? **26.4VDC**
- yes Battery voltage and current with main power supply "off" and fire alarm in supervisory condition?
  Voltage **25.4VDC** Current **400MA**
- yes Battery voltage and current with main power supply "off" and fire alarm in full load alarm condition?
  Voltage **25VDC** Current **400MA**
- yes Charging current is **00MA**
- yes Inspected for physical damage?
- na Terminal cleaned and lubricated?
- yes Terminals clamped tightly.
- na Correct Electrolyte level?
- na Specific gravity within mfg specifications?
- no Electrolyte leaks.
- yes Adequately ventilated?
- yes Battery mfg's date code or in-service date
- yes Disconnection causes trouble signal.
- ___ Indicate type of Battery Test Performed?
- ___ (1) supervisory load for 24h followed by full load operation.
- ___ (2) silent test by using load resister method -App F1
- ___ (3)Silent accelerated test – App F2
- yes (4) A battery capacity meter test App F3
- ___ (5) In lieu of battery tests, Replace with new set having current date code, as per mfg
- na Record calculated battery capacity App F4 A h
- na Record battery terminal voltage after tests V dc
- na Battery voltage not less than 85% of its rating after tests.
- na Generator provides power to the AC circuit for FA syst.

Inspection and Testing of Fire Alarm Systems

	Date July14, 2014	Building Name: K224 Stettler R.C.M.P	

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

2.5 Emergency Power Supply Test and Inspection

na 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

na Power on indicator operates.

na 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

na Minimum of 1 alarm zone and one supervisory zone tested per annunciator or sequential display to confirm operation. Individual alarm and supervisory zone labels identified.

na Common trouble signal operates.

na Visual indicator test (lamp test) operates.

na Input wiring form control unit/transponder supervised

na Alarm signal silence visual indicator operates.

na Switches for ancillary function operate as per design.

na Other ancillary functions visual indicators operate.

na Manual activation of alarm signal and indication operate.

na Displays are visible in installed location.

2.9 Printer Testing

na Operation as per design and specification?

na Zone of each alarm initiating device is correctly printed.

na Rated voltage is present.

2.10 Data Communication Link Test (DCL)

na Confirm that a trouble signal is receive at the control unit 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, annunciation of the fault confirmed, and then a field device on the source side shall be operated, and activation confirmed at the control unit or transponder.

na Where a fault isolation in DCL is provided between control units/transponders and between

na Transponders, introduce a short circuit fault and confirm Continued.....

Annunciation of the fault and operation outside the shorted section between each pair of :

na (i) Control unit to control unit

na (ii) Control unit to transponder

na (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?

Output circuits for selective voice paging including visual

indication operates.

na Output circuits for selective voice paging trouble operation including visual indication operates.

na Microphone including press to talk switch operates.

na Operation of voice paging does interfere with initial inhibit time of alert and alarm signal?

na All call voice paging operates on emergency power?

na Upon failure of one amplifier, system automatically transfers to backup amplifier.

na Circuits for emergency telephone call in operation including audible and visual indication operates

na Circuits for emergency telephone for operation, including two way voice communication operates.

na Circuits for emergency telephones trouble operation including visual indication operates.

na Emergency telephone verbal communication operates.

na Emergency telephone operable or in-use tone at handset.

2.11 Ancillary Device Circuit Test

na Circuit confirmed

na Circuit confirmed

na Circuit confirmed

na Circuit confirmed

Additional Comments:

Tested all devices on battery back up.

Inspection and Testing of Fire Alarm Systems
Individual Device Record

Date July 14, 2014	Building Name: K224 Stettler R.C.M.P

A. Correctly installed.	D. Annunciator indication confirmed.
B. Requires Service, Repairs, missing, or cleaning	E. Zone circuit number or address
C. Alarm operation confirmed	

"Y" - Acceptable "N" – Unacceptable (Explain NO answers in comments) "NA" Not applicable

Device	Location	A	B	C	D	E	Remarks
RHT	Gym	Y	NA	Y	Y	1	
RHT	Crawl space	Y	NA	Y	Y	1	
RHT	Crawl space	Y	NA	Y	Y	1	
RHT	Furnace room	Y	NA	Y	Y	1	
DS	Furnace room	Y	NA	Y	Y	1	
DS	Gym	Y	NA	Y	Y	1	
DS	Gym	Y	NA	Y	Y	1	
EOL	Crawl space	Y	NA	Y	Y	1	
S	Top of stairs	Y	NA	Y	Y	2	
M	Top of stairs	Y	NA	Y	Y	2	
RHT	Locker room	Y	NA	Y	Y	2	
M	West exit	Y	NA	Y	Y	2	
M	Front entrance	Y	NA	Y	Y	2	
RHT	File storage	Y	NA	Y	Y	2	
RHT	Janitors room	Y	NA	Y	Y	2	
RHT	Upstairs file room	Y	NA	Y	Y	2	
M	Detention area	Y	NA	Y	Y	2	
S	Detention area west	Y	NA	Y	Y	2	
S	Detention area east	Y	NA	Y	Y	2	
RHT	Exhibit room	Y	NA	Y	Y	2	
RHT	Garage	Y	NA	Y	Y	2	
M	Garage	Y	NA	Y	Y	2	
RHT	Garage storage room	Y	NA	Y	Y	2	
RHT	Exhibit room	Y	NA	Y	Y	2	Locked
EOL	Garage	Y	NA	Y	Y	2	
S	West cell	Y	NA	Y	Y	3	
EOL	West cell in detector	Y	NA	Y	Y	3	
S	Centre cell	Y	NA	Y	Y	4	
EOL	Centre cell in detector	Y	NA	Y	Y	4	
S	East cell	Y	NA	Y	Y	5	
EOL	East cell in detector	Y	NA	Y	Y	5	

M.	Manual Pull station	DS	Duct smoke detector	B	Bell	AD	Ancillary device
HT	Heat detector, non restorable	SFD	Supporting field device - monitor	H	Horn	ET	Emergency Telephone
RHT	Heat detector, Restorable	FS	Sprinkler flow switch	V	Visual signal appliance	EOL	End of line resistor
S	Smoke detector	SS	Sprinkler supervisory device	SP	Cone type speaker		Other supervisory devices
RI	Remote indicator unit	EM	Fault isolation module	HSP	Horn type speaker		Other type of detector
PS	Pressure switch	BS	Bell & Strobe				

Inspection and Testing of Fire Alarm Systems

Signal Devices Record

Date July 14, 2014	Building Name: K224 Stettler R.C.M.P

A. Correctly installed.
B. Requires Service, Repairs, missing, or cleaning
C. Alarm operation confirmed

"Y" - Acceptable "N" – Unacceptable (Explain NO answers in comments) "NA" Not applicable

Device	Location	A	B	C	Remarks
B	Furnace room	Y	NA	Y	
B	Main hallway	Y	NA	Y	
B	Detention area	Y	NA	Y	

M.	Manual Pull station	DS	Duct smoke detector	B	Bell	AD	Ancillary device
HT	Heat detector, non restorable	SFD	Supporting field device - monitor	H	Horn	ET	Emergency Telephone
RHT	Heat detector, Restorable	FS	Sprinkler flow switch	V	Visual signal appliance	EOL	End of line resistor
S	Smoke detector	SS	Sprinkler supervisory device	SP	Cone type speaker		Other supervisory devices
RI	Remote indicator unit	EM	Fault isolation module	HSP	Horn type speaker		Other type of detector
PS	Pressure switch	BS	Bell & Strobe				

CENTRATECH TECHNICAL SERVICES LTD.
ANNUAL MAINTENANCE RECORD

Hydrostatic Testing - Breathing Air - Fire Extinguisher Sales, Service, Recharging
"Your Fire and Safety Specialists"

CUSTOMER: K224 Stettler R.C.M.P
ADDRESS: 5902 - 44th Ave
Stettler, Alberta
CONTACT: Stan Scott
PHONE: (403) 716-4323

JOB TICKET/INVOICE:
DATE: July 14, 2014
TECHNICIAN: Korey
CASH/ACCOUNT: Account/PO Required
PO# (if required):

#	EXTINGUISHER LOCATION	EXT. SERIAL #	EXT. MAKE	CO	EXT. TYPE	HP	SP	YR MFG	YR HT	YR 6YR	YRHT CART	COMMENTS
1	Front Entrance	377159	Flag		5 ABC		X	07		13		Annual inspection
2	Rear Exit	706695	Strike		20 ABC		X	08		14		6 Year 2014
3	Holding cells	917107	Pyrocem		10 ABC		X	07		13		Annual inspection
4	Garage	712037	Strike		20 ABC		X	08		14		6 Year 2014
5	Garage	917117	Pyrocem		20 ABC		X	07		13		Annual inspection
6	Office	917099	Pyrocem		20 ABC		X	07		13		Annual inspection
7	Spare	675079	Strike		10 ABC		X	09				Annual inspection
8	Upstairs Mech Room	569084	Amerex		10 ABC		X	13				Annual inspection
9	Top of Stairs	516752	Strike		5 CO2		X	10				Annual inspection
10	Coffee room	377151	Flag		5 ABC		X	07		14		6 Year 2014
11												
12												
13												
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COMMENTS:

Metro Fire Protection Ltd.

Sprinkler and Standpipe Inspection Report

Date of Inspection: 11-Jul-14

Inspection Address: 500 Westlake Rd Strathmore

Type of Building: Police

Inspection Completed by: Grant Readman

Date Inspection Complete: 11-Jul-14

Central Station Supervision: Yes [ ] No [X] Company

Fire Alarm Test In Conjunction With This Inspection ? Yes [X] No [ ]

Type Of Panel Notifier

Alarm Devices: Flow Switch 1 Pressure Switch 1 Tamper Switch 2

Water Motor Gong Yes [ ] No [X] Operated Yes [ ] No [ ]

Pressure: Static: 60 psi Residual: 55 psi

Reserve Head Cabinet: Yes [X] No [ ] Head Wrench: Yes [X] No [ ]

Spare Heads: Yes [X] No [ ] Type Required:

Fire Department Connection: Quantity: 1 Size: 2 1/2" Caps: Yes [X] No [ ]

Fire Hydrants to be tested Yes [ ] No [X] How Many:

Backflow preventers on fire system: Type: DCVA Last Tested 4/11/2014 By: Metro Fire

Wet Systems: Alarm Valves: Make & Year: Model: Size:

Flow Switches: Make & Model: Potter VSR-F

Excess Pressure Pump: Manual [ ] Auto [X] psi on 90 psi off 100

Glycol System: Size: # of Heads Temperature Good For:

Dry Pipe System: Make & Year: Model & Size:

Preaction System: Yes [ ] No [X] Location:

Stand Pipe: Yes [ ] No [X] Size: Height:

Size Of Incoming Water: 8"

Fire Pump: Yes [ ] No [X] Make & Model:

Is The Sprinkler Room Adequately Heated: Yes [X] [ ]

Are all valves left in proper working position at end of inspection: Yes [X] No [ ]

Sealed: Yes [ ] No [X]

Metro Fire Protection Ltd.

Fire Alarm Inspection Record

TS - Tamper Switch
FS - Flow Switch
APS - Alarm Pressure Switch
Micro - Micro Switch

GV - Gate Valve
BF - Butterfly Valve
WG - Water Motor Gong

Date 11-Jul-14
Address 500 Westlake Rd
Strathmore RCMP

Location	Device	Functions Y/N	Time Seconds	Remarks
2" DCVA #1Shutoff	BF	Y		
#2 Shutoff	BF	Y		
	FS	Y	28sec	
	MICRO	Y		
	PS	Y		60Psi low perssure
	MICRO	Y		
Jockey Pump				on 90PSI off 100PSI

SAFE BLU
Strathmore, AB.
Ph: 934 9387 Fax: 934 9344

FIRE ALARM SYSTEM ANNUAL TEST AND INSPECTION REPORT

DATE: JULY 14, 2014

BUILDING NAME: STRATHMORE RCMP

ADDRESS: 500 WEST LAKE BLVD, STRATHMORE AB.

COMPANY: SAME

CONTACT PERSON:

TELEPHONE NO: 403 934 3968

SYSTEM MANUFACTURER: NOTIFIER MODEL NO: NFP 640

OPERATION: SINGLE STAGE: ☐ TWO STAGE: ☒

TEST RESULTS

(EVERY LINE MUST HAVE THE APPROPRIATE MARKING IN THE SPACE PROVIDED)

This is to certify that the Fire Alarm System has been tested and inspected in accordance with Section 5 periodic inspections and tests – daily and monthly; and Section 6, periodic inspections and tests – yearly, and these records document the results of testing performed.

1. The Fire Alarm System is now fully functional. Yes ☒ No ☐

OR

2. The Fire Alarm System has deficiencies noted on the pages attached. Yes ☒ No ☐

Comments:

ALL SMOKE DETECTORS OVER 10 YEARS OLD ARE REQUIRED TO BE REPLACED

A copy of this report will be given to:

Ken MacLean	P0553	24-7 Fire & Electrical Services Ltd.
Signature of Technician	Technician's Certification Number	Company Name

PRE-TEST CHECKLIST		
1.	Is there a fire department interconnection?	Yes ☐ No ☒
	If yes, take necessary steps to alert central station/fire department, etc. **DO NOT USE THE FIRE DEPARTMENT EMERGENCY TELEPHONE NUMBER.** **(IN CALGARY USE THE NON-EMERGENCY PHONE NUMBER 264-1022)** Name of person contacted at the central station or fire department:	
	Name ____ Title ____ Phone No. ____ Date and time fire alarm system is out of service:	
	Date and time fire alarm is back in service:	
2.	Do you have auxiliary functions that can impair building functions such as elevator capture, fan shutdown, door holders, etc.?	Yes ☒ No ☐
2a.	Can these be disabled and tested by groups?	Yes ☒ No ☐
3.	Have building occupants been made aware of fire alarm testing?	Yes ☒ No ☐
4.	Has a pre-determined time been established for testing signaling devices?	Yes ☒ No ☐
5.	Have provisions been made for acquiring access to the secured areas of the building?	Yes ☒ No ☐
6.	Has an alternative plan been established to alert occupants and local fire department should an actual fire condition occur during testing?	Yes ☒ No ☐
7.	The fire alarm system has emergency power provided by:	AC Generator ☐ Rechargeable battery ☒

EVERY LINE MUST HAVE THE APPROPRIATE MARKING IN THE BOX PROVIDED

YES	NO	NOT APPLICABLE (NA)
Tested correctly	Did not test correctly (See Remarks Section)	Function or feature not provided on this fire alarm system.

ALARM SIGNAL TESTS	YES	NO	NA
All alarm signaling appliances sound simultaneously in the general alarm state powered by the emergency power supply (5 min. minimum duration).	☒	☐	☐
All audible alarm signals sound simultaneously in the evacuation alarm state powered by the emergency power supply (as per the Alberta Building Code 1990).	☐	☐	☒
Alarm signals are audible throughout the building.	☒	☐	☐
Visual alarm signals clearly indicate a visual alarm to all points in the visual alarm area when operated on normal power supply.	☒	☐	☐
Each audible and visual signaling device has been tested.	☒	☐	☐
NUMBER OF AUDIBLE / VISUAL DEVICES: 11			

CONTROL UNIT TESTS	YES	NO	NA
Power on Visual Indicator	☒	☐	☐
Common Visual Trouble Lamp	☒	☐	☐
Common Audible Trouble Signal	☒	☐	☐
Trouble Signal Silence Switch	☒	☐	☐
AC Power Failure Trouble	☒	☐	☐
Main Power Supply Failure Trouble Signal	☒	☐	☐
Ground Fault Tested on Positive and Negative Trouble Signal	☒	☐	☐
Control Panel Interconnection to Fire Department Confirmed	☐	☐	☒
Alert Signal Operation	☐	☐	☒
Alarm Signal Operation	☒	☐	☐
Automatic Transfer from Alert Signal to Alarm Signal	☐	☐	☒
Acknowledge Switch Operation	☒	☐	☐
Alarm Signal Silence Inhibit	☐	☒	☐
Alarm Signal Silence Operation	☒	☐	☐
Alarm Signal Silence Visual Indication	☒	☐	☐
Alarm Signal, when silenced, Automatically Reinitiate Upon Subsequent Alarm	☒	☐	☐
Alarm Signal Silence Automatic Cut – Out Timer	☐	☐	☒
Input Circuit, Alarm & Supervisory Operation Including Visual Indicator	☒	☐	☐
Input Circuit Trouble Operation	☒	☐	☐
Output Circuit Alarm Operation	☒	☐	☐
Output Circuit Trouble Operation	☒	☐	☐
Visual Indicator Test (Lamp Tests)	☒	☐	☐
Reset Operation	☒	☐	☐
Main Power Supply to Emergency Power Supply Transfer	☒	☐	☐
Control Panel Locked	☒	☐	☐
Control Unit Interconnection to Monitoring Station	☒	☐	☐
Monitoring Company Name and Phone #	PROTECTRON		
Building System ID # and Pass Code ID #			

BATTERY TESTS		
Correct Battery Type as Recommended by Manufacturer	2 X	12V 20AH new 2011
Correct Rating as Determined by Battery Calculations based on Full System Load	YES ☒ NO ☐	
Battery Voltage (AC Power On)	27.5	
Battery Charging Current (AC Power On)	220 MA – 2 AMPS	
Battery Voltage (AC Power Off - Supervisory Condition)	25.8V – 486 MA	
Battery Voltage (AC Power Off - General Alarm Condition) Full Load	25.2 V - 1440 MA	

BATTERY TESTS INSPECTIONS	YES	NO	NA
Battery Inspected for Physical Damage	☒	☐	☐
Battery Terminals Cleaned and Lubricated	☒	☐	☐
Battery Terminals Clamped Tightly	☒	☐	☐
Within Manufacturer's Rated Life Date Code	☒	☐	☐
Disconnection Causes Trouble Signal	☒	☐	☐

REMOTE TROUBLE UNIT	YES	NO	NA
Input Wiring from Control Unit is Supervised	☐	☐	☒
Visual Trouble Signal	☐	☐	☒
Audible Trouble Signal	☐	☐	☒
Audible Trouble Signal Silence	☐	☐	☒

POWER SUPPLY INSPECTION	YES	NO	NA
Fused in Accordance with Manufacturer's Marked Rating of the System	☒	☐	☐
Adequate to Meet the Requirements of the System	☒	☐	☐

ANNUNCIATOR TESTS	YES	NO	NA
Power On Indicator	☒	☐	☐
Individual Alarm & Supervisory Zone Indication	☒	☐	☐
Individual Alarm & Supervisory Zone Designation Labels are Properly Identified	☒	☐	☐
Common Trouble Signal	☒	☐	☐
Visual Indicator Test (Lamp Test)	☒	☐	☐
Input Wiring from Control Unit is Supervised	☒	☐	☐
Switches for Ancillary Functions Operate as Intended	☐	☐	☒
Alarm Signal Silence Visual Indicator	☐	☐	☒
Other Ancillary Functions Visual Indicators	☐	☐	☒
Manual Activation of Alarm Signal & Indication	☐	☐	☒

CONTROL UNIT INSPECTIONS	YES	NO	NA
Input Circuit Designations, Correctly Identified in Relation to Connected Field Devices	☒	☐	☐
Output Circuit Designations, Correctly Identified in Relation to Connected Field Devices	☒	☐	☐
Designations for Common Control Functions & Indicators	☒	☐	☐
Cabinet, Plug-In Components, Modules, and Cables Securely in Place	☒	☐	☐
Cleanliness	☒	☐	☐
Fuses in Accordance with Manufacturer's Specification	☒	☐	☐

ANCILLARY DEVICES	If no ancillary devices are present check here ☐
TYPE OF DEVICE (List)	**OPERATIONAL**
FURNACE FANS	YES ☒ NO ☐
MAG DOOR HOLDER & LOCK	YES ☒ NO ☐
	YES ☐ NO ☐
	YES ☐ NO ☐
	YES ☐ NO ☐

***NOTE: Power supply for ancillary devices must not be from fire alarm power supply circuit.**

AFTER TEST CHECKLIST	YES	NO	NA
Reconnect Auxiliary Functions (off site connections)	☐	☐	☒
Reconnect Ancillary Functions	☒	☐	☐
Reconnect Time Limit Cutouts	☐	☐	☒
Ensure Fire Alarm System is on Normal Power	☒	☐	☐
Advise Building Management Work Is Completed	☒	☐	☐
Advise Fire Department Work Is Completed	☒	☐	☐
Ensure That the Alarm System Is Functional	☒	☐	☐

SUMMARY	
1. The fire alarm system is now **FULLY** functional.	YES ☒ NO ☐
2. The fire alarm system is operational with minor deficiencies as noted in this report.	YES ☒ NO ☐
3. The fire alarm system has major deficiencies as noted in this report.	YES ☐ NO ☒
4. A copy of this report will been given to:	
BUILDING OWNER / BUILDING OWNER'S REPRESENTATIVE	

TEST AND MAINTENANCE CODES REQUIRE THAT THE BUILDING OWNER FOR A MINIMUM OF TWO YEARS MAINTAIN THIS RECORD.

DEVICE LEGEND

Bell	B	Pressure Switch	PS
Duct Smoke Detector	DS	Remote Relay	REL
Fire Phone	FP	Heat Detector, Rate of Rise	RHT
Sprinkler Flow Switch	FS	Smoke Detector	S
Horn	H	Smoke Alarm	SA
Horn/Strobe Combination	HS	Paging Speaker	SP
Heat Detector, Fixed Temperature	HT	Sprinkler Tamper Switch	TS
Manual Pull Station	M	Visual Appliance	V

TECHNICIANS REMARKS / DEFICIENCY FIRE ALARM / SPRINKLER SYSTEM

DUCT SMOKE DETECTOR SUPPLY AIR FAN # 2 IS VERY DIRTY AND SHOULD BE REPLACED
ALL SMOKE DETECTORS OVER 10 YEARS OLD ARE REQUIRED TO BE REPLACED

EMERGENCY / EXIT LIGHTING:

FIRE EXTINGUISHERS / FIRE HOSES:

SAFE BLUE
FIRE ALARM DEVICE REPORT

LOCATION	DEVICE	Correctly Installed	Requires Repair	Alarm Operation	Annunciation Confirmed	Zone Circuit #	Ground Fault	Flow Sw.Delay	NOTES
FRONT FOYER	M/GA					24			general alarm zone 1
FRONT FOYER	S					24			
FRONT FOYER WASHROOM	HT					24			
OFFICE FOYER	S					24			10 years old
VICTIM SERVICES OFFICE	HT					24			
INTERVIEW ROOM	HT					24			
RECEPTION AREA CEILING	S					24			10 years old
HALL TO LUNCH ROOM	S					24			10 years old
COMMUNICATIONS ROOM	HT					24			
HALL BY GUN ROOM	S					24			10 years old
FILE ROOM	HT					24			
OFFICE - BULL PEN	HT					24			
CORPORAL OFFICE	HT					24			
HYWAY CORPORAL OFFICE	HT					24			
OPERATIONS SARGENTS OFFICE	HT					24			
STAFF SARGENT OFFICE	HT					24			
LUNCH ROOM	HT					24			
LADIES WASHROOM N	HT					24			
LADIES WASHROOM S	HT					24			
JANITOR ROOM	HT					24			
CALGARY TRAFFIC SERVICES OFFICE	HT					24			
MENS WASHROOM N	HT					24			
MENS WASHROOM S	HT					24			
WEST HALL TO STAIRS	S					24			10 years old
WEST HALL TO STAIRS	M/GA					24			general alarm zone 1
STATIONARY ROOM	HT					24			
ARMOURY ROOM	HT					24			
WEST STAIRS ENTRANCE	S					2			10 years old
WEST STAIRS	S					2			FAILED 2013, 10 years old
CELL FOYER ENTRANCE	HT					8			
CELL FOYER ENTRANCE	M/GA					7			general alarm zone 1
CELL BLOCK DESK	HT					7			
VISITING ROOM	HT					7			
EXHIBIT ROOM W	RHT					8			
EXHIBIT ROOM E	HT					8			
INTERVIEW ROOM 130	HT					7			
STORAGE ROOM 125	HT					7			
STAFF WASHROOM	HT					7			
CELL BLOCK HALL E	S					7			10 years old
CELL BLOCK HALL W	S					7			10 years old
INTERVIEW ROOM 127	HT					7			
BREATH TEST ROOM 128	S					16			10 years old
CELL 134	S					15			CELL #7 10 years old
CELL 135	S					14			CELL #6 10 years old
CELL 136	S					13			CELL #5 10 years old
CELL 137	S					12			CELL #4 10 years old
CELL 138	S					11			CELL #3 10 years old
CELL 139	S					10			CELL #2 10 years old
CELL 140	S					9			CELL #1 10 years old

SAFE BLUE
FIRE ALARM DEVICE REPORT

LOCATION	DEVICE	Correctly Installed	Requires Repair	Alarm Operation	Annunciation Confirmed	Zone Circuit #	Ground Fault	Flow Sw Delay	NOTES
CELL EAST EXIT DOOR	M/GA					7			general alarm zone 1
SECURE BAY WEST	M/GA					4			general alarm zone 1
SECURE BAY WEST	HT					4			
SECURE BAY CENTRE	HT					5			
SECURE BAY EAST	HT					6			
SECURE BAY EAST STORAGE ROOM	FRHT					6			
SECURE BAY EAST	M/GA					6			general alarm zone 1
BASEMENT									
TELEPHONE ROOM	HT					18			
WEST FOYER	S					18			
WEST FOYER	M/GA					18			general alarm zone 1
SPRINKLER ROOM	HT					18			
ELECTRICAL ROOM	HT					18			
MECHANICAL ROOM E	HT					20			
MECHANICAL ROOM W	HT					20			
AC 1 SUPPLY FAN	DS					21			NO ACCESS 2014. 10 years old
AC 1 RETURN FAN	DS					21			10 years old
AC 2 SUPPLY FAN	DS					22			10 years old
WEIGHT ROOM	HT					17			
NEW MEN'S LOCKER AREA	HT					17			
NEW LADIES LOCKER AREA	HT					17			
MEETING AREA	HT					17			
MEETING AREA CLOSET STORAGE	HT					17			
EAST OFFICE AREA	HT					17			
EAST STAIRS EXIT	M/GA					17			general alarm zone 1
TOP OF EAST STAIRS	S					3			5 years old
MAIN FLOOR BULL PEN AREA	B/V					S2			
OFFICE HALL WEST	B/V					S2			
BASEMENT WEST FOYER	B/V					S1			
MECHANICAL ROOM	B/V					S1			
BASEMENT EAST EXIT	B/V					S1			
CELL BLOCK AREA	B/V					S3			
CELL BLOCK ENUNCIATOR	ANNUNC								
SECURE BAY WEST	B/V					S2			
SECURE BAY EAST	B/V					S2			
SECURE BAY CENTRE	B/V					S2			
SPRINKLERS									
DCVA 1	TS					23			
DCVA 2	TS					23			
PRESSURE SWITCH CAP	MS					23			
FLOW SWITCH CAP	MS					23			
LOW PRESSURE SWITCH	PS					23			LOW PRESS 60LBS
FLOW SWITCH	FS					23			

SAFE BLU
Strathmore, AB.
Ph: 934 9387 Fax: 934 9344

FIRE ALARM SYSTEM ANNUAL TEST AND INSPECTION REPORT

DATE: AUGUST 6, 2014

BUILDING NAME: RCMP - SUNDRIE

ADDRESS: 216 – 6TH AVENUE NE

COMPANY: SNC LAVALIN

CONTACT PERSON:

TELEPHONE NO: **403 638 3675**

SYSTEM MANUFACTURER: EDWARDS MODEL NO: I0 500

OPERATION: SINGLE STAGE: ☒ TWO STAGE: ☐

TEST RESULTS

(EVERY LINE MUST HAVE THE APPROPRIATE MARKING IN THE SPACE PROVIDED)

This is to certify that the Fire Alarm System has been tested and inspected in accordance with Section 5 periodic inspections and tests – daily and monthly; and Section 6, periodic inspections and tests – yearly, and these records document the results of testing performed.

1. The Fire Alarm System is now fully functional. Yes ☒ No ☐

OR

2. The Fire Alarm System has deficiencies noted on the pages attached. Yes ☐ No ☒

Comments:

NO FAULTS

A copy of this report will be given to:

Ken MacLean	P0553	24-7 Fire & Electrical Services Ltd.
Signature of Technician	Technician's Certification Number	Company Name

PRE-TEST CHECKLIST		
1.	Is there a fire department interconnection?	Yes ☐ No ☒
	If yes, take necessary steps to alert central station/fire department, etc. **DO NOT USE THE FIRE DEPARTMENT EMERGENCY TELEPHONE NUMBER.** **(IN CALGARY USE THE NON-EMERGENCY PHONE NUMBER 264-1022)** Name of person contacted at the central station or fire department:	
	Name _____ Title _____ Phone No. _____	
	Date and time fire alarm system is out of service:	
	Date and time fire alarm is back in service:	
2.	Do you have auxiliary functions that can impair building functions such as elevator capture, fan shutdown, door holders, etc.?	Yes ☐ No ☐
2a.	Can these be disabled and tested by groups?	Yes ☒ No ☐
3.	Have building occupants been made aware of fire alarm testing?	Yes ☒ No ☐
4.	Has a pre-determined time been established for testing signaling devices?	Yes ☒ No ☐
5.	Have provisions been made for acquiring access to the secured areas of the building?	Yes ☒ No ☐
6.	Has an alternative plan been established to alert occupants and local fire department should an actual fire condition occur during testing?	Yes ☒ No ☐
7.	The fire alarm system has emergency power provided by:	AC Generator ☐ Rechargeable battery ☒

EVERY LINE MUST HAVE THE APPROPRIATE MARKING IN THE BOX PROVIDED

YES	NO	NOT APPLICABLE (NA)
Tested correctly	Did not test correctly (See Remarks Section)	Function or feature not provided on this fire alarm system.

ALARM SIGNAL TESTS	YES	NO	NA
All alarm signaling appliances sound simultaneously in the general alarm state powered by the emergency power supply (5 min. minimum duration).	☒	☐	☐
All audible alarm signals sound simultaneously in the evacuation alarm state powered by the emergency power supply (as per the Alberta Building Code 1990).	☒	☐	☐
Alarm signals are audible throughout the building.	☒	☐	☐
Visual alarm signals clearly indicate a visual alarm to all points in the visual alarm area when operated on normal power supply.	☒	☐	☐
Each audible and visual signaling device has been tested.	☒	☐	☐
NUMBER OF AUDIBLE / VISUAL DEVICES:			

CONTROL UNIT TESTS	YES	NO	NA
Power on Visual Indicator	☒	☐	☐
Common Visual Trouble Lamp	☒	☐	☐
Common Audible Trouble Signal	☒	☐	☐
Trouble Signal Silence Switch	☒	☐	☐
AC Power Failure Trouble	☒	☐	☐
Main Power Supply Failure Trouble Signal	☒	☐	☐
Ground Fault Tested on Positive and Negative Trouble Signal	☒	☐	☐
Control Panel Interconnection to Fire Department Confirmed	☐	☐	☒
Alert Signal Operation	☐	☐	☒
Alarm Signal Operation	☒	☐	☐
Automatic Transfer from Alert Signal to Alarm Signal	☐	☐	☒
Acknowledge Switch Operation	☒	☐	☐
Alarm Signal Silence Inhibit	☐	☐	☐
Alarm Signal Silence Operation	☒	☐	☐
Alarm Signal Silence Visual Indication	☒	☐	☐
Alarm Signal, when silenced, Automatically Reinitiate Upon Subsequent Alarm	☒	☐	☐
Alarm Signal Silence Automatic Cut – Out Timer	☐	☐	☒
Input Circuit, Alarm & Supervisory Operation Including Visual Indicator	☒	☐	☐
Input Circuit Trouble Operation	☒	☐	☐
Output Circuit Alarm Operation	☒	☐	☐
Output Circuit Trouble Operation	☒	☐	☐
Visual Indicator Test (Lamp Tests)	☒	☐	☐
Reset Operation	☒	☐	☐
Main Power Supply to Emergency Power Supply Transfer	☒	☐	☐
Control Panel Locked	☒	☐	☐
Control Unit Interconnection to Monitoring Station	☒	☐	☐
Monitoring Company Name and Phone #			
Building System ID # and Pass Code ID #			

BATTERY TESTS		
Correct Battery Type as Recommended by Manufacturer	2 X	18V AH
Correct Rating as Determined by Battery Calculations based on Full System Load	YES ☒ NO ☐	
Battery Voltage (AC Power On)	27.6	
Battery Charging Current (AC Power On)	200MA – 1.4 AMP	
Battery Voltage (AC Power Off - Supervisory Condition)	25.6V 140 MA	
Battery Voltage (AC Power Off - General Alarm Condition) Full Load	25.3V 240MA	

BATTERY TESTS INSPECTIONS	YES	NO	NA
Battery Inspected for Physical Damage	☒	☐	☐
Battery Terminals Cleaned and Lubricated	☒	☐	☐
Battery Terminals Clamped Tightly	☒	☐	☐
Within Manufacturer's Rated Life Date Code	☒	☐	☐
Disconnection Causes Trouble Signal	☒	☐	☐

REMOTE TROUBLE UNIT	YES	NO	NA
Input Wiring from Control Unit is Supervised	☐	☐	☒
Visual Trouble Signal	☐	☐	☒
Audible Trouble Signal	☐	☐	☒
Audible Trouble Signal Silence	☐	☐	☒

POWER SUPPLY INSPECTION	YES	NO	NA
Fused in Accordance with Manufacturer's Marked Rating of the System	☒	☐	☐
Adequate to Meet the Requirements of the System	☒	☐	☐

ANNUNCIATOR TESTS	YES	NO	NA
Power On Indicator	☐	☐	☒
Individual Alarm & Supervisory Zone Indication	☐	☐	☒
Individual Alarm & Supervisory Zone Designation Labels are Properly Identified	☐	☐	☒
Common Trouble Signal	☐	☐	☒
Visual Indicator Test (Lamp Test)	☐	☐	☒
Input Wiring from Control Unit is Supervised	☐	☐	☒
Switches for Ancillary Functions Operate as Intended	☐	☐	☒
Alarm Signal Silence Visual Indicator	☐	☐	☒
Other Ancillary Functions Visual Indicators	☐	☐	☒
Manual Activation of Alarm Signal & Indication	☐	☐	☒

CONTROL UNIT INSPECTIONS	YES	NO	NA
Input Circuit Designations, Correctly Identified in Relation to Connected Field Devices	☒	☐	☐
Output Circuit Designations, Correctly Identified in Relation to Connected Field Devices	☒	☐	☐
Designations for Common Control Functions & Indicators	☒	☐	☐
Cabinet, Plug-In Components, Modules, and Cables Securely in Place	☒	☐	☐
Cleanliness	☒	☐	☐
Fuses in Accordance with Manufacturer's Specification	☒	☐	☐

ANCILLARY DEVICES	If no ancillary devices are present check here ☒
TYPE OF DEVICE (List)	**OPERATIONAL**
FURNACE ROOM 2 DEVICE 128	YES ☒ NO ☐
FURNACE ROOM 1 DEVICE 129	YES ☒ NO ☐
FURNACE ROOM GARAGE DEVICE 130	YES ☒ NO ☐
	YES ☐ NO ☐
	YES ☐ NO ☐

***NOTE: Power supply for ancillary devices must not be from fire alarm power supply circuit.**

AFTER TEST CHECKLIST	YES	NO	NA
Reconnect Auxiliary Functions (off site connections)	☒	☐	☐
Reconnect Ancillary Functions	☐	☐	☐
Reconnect Time Limit Cutouts	☐	☐	☒
Ensure Fire Alarm System is on Normal Power	☒	☐	☐
Advise Building Management Work Is Completed	☒	☐	☐
Advise Fire Department Work Is Completed	☒	☐	☐
Ensure That the Alarm System Is Functional	☒	☐	☐

SUMMARY		
1.	The fire alarm system is now **FULLY** functional.	YES ☒ NO ☐
2.	The fire alarm system is operational with minor deficiencies as noted in this report.	YES ☐ NO ☒
3.	The fire alarm system has major deficiencies as noted in this report.	YES ☐ NO ☒
4.	A copy of this report will been given to:	
BUILDING OWNER / BUILDING OWNER'S REPRESENTATIVE		

TEST AND MAINTENANCE CODES REQUIRE THAT THE BUILDING OWNER FOR A MINIMUM OF TWO YEARS MAINTAIN THIS RECORD.

DEVICE LEGEND

Bell	B	Pressure Switch	PS
Duct Smoke Detector	DS	Remote Relay	REL
Fire Phone	FP	Heat Detector, Rate of Rise	RHT
Sprinkler Flow Switch	FS	Smoke Detector	S
Horn	H	Smoke Alarm	SA
Horn/Strobe Combination	HS	Paging Speaker	SP
Heat Detector, Fixed Temperature	HT	Sprinkler Tamper Switch	TS
Manual Pull Station	M	Visual Appliance	V

TECHNICIANS REMARKS / DEFICIENCY FIRE ALARM / SPRINKLER SYSTEM

All devices tested OK.

EMERGENCY / EXIT LIGHTING:

FIRE EXTINGUISHERS / FIRE HOSES:

SAFE BLU
FIRE ALARM DEVICE LIST

Date: AUGUST 6, 2014	Location: RCMP - SUNDRIE 216 - 6TH AVE NE					
	Contact: CORPRAL RYAN HODGE - DONNA LYSSEL Phone: 403 638 3675					
LOCATION	**ZONE**	**DEVICE**	**ALARM**	**TROUBLE**	**GROUND**	**NOTES**
BASEMENT						
FURNACE ROOM WEST	32	HT	✓			
FURNACE ROOM EAST	31	HT	✓			
LOCK UP ROOM 2	14	S	✓			
LOCKER ROOM 105	37	HT	✓			
RM 1 WEST STAIRS	135	M	✓			
RM 1 WEST STAIRS	S4	H/S	✓			
ROOM 1 SOUTH GYM	30	S	✓			
ROOM 1 NORTH GYM	34	S	✓			
ROOM 1 NORTH GYM	S4	H/S	✓			
EAST STAIRS	133	M	✓			
FURNACE #1	7	D/S	✓			
FURNACE #2	3	D/S	✓			
FURNACE #1	129	RELAY	✓			
FURNACE #2	128	RELAY	✓			
GARAGE FURNACE	130	RELAY	✓			
CRAWL SPACE HEAT	136	HT	✓			
CRAWL SPACE HEAT	136	HT	✓			
CRAWL SPACE HEAT	136	HT	✓			
CRAWL SPACE HEAT	136	HT	✓			
CRAWL SPACE HEAT	136	HT	✓			
CRAWL SPACE HEAT	136	HT	✓			
MAIN FLOOR						
FRONT ENTRANCE	126	M	✓			
RM 118 OFFICE WASHROOM	36	S	✓			
BY WASHROOM	S3	H/S	✓			
RM 119 CORPROAL OFFICE	20	S	✓			
RM 120 SARGEANT OFFICE	21	S	✓			
RM 121 HALL OFFICE	S3	H/S	✓			
RM 121 HALL OFFICE	25	S	✓			
RM 122 VSU OFFICE	13	S	✓			
RM 121 OFFICE HALL N.	26	S	✓			
RM 123 FILING ROOM	27	S	✓			
RM121 WEST EXIT	127	M	✓			
W. STAIRWELL SMOKE	24	S	✓			
RM 125 KITCHEN	29	S	✓			
RM 126 LUNCH ROOM	23	S	✓			
RM 126 E. LUNCH RM	1	S	✓			
ROOM 121 STAIRWELL EXIT	138	M	✓			
RM 117 SOUTH EXIT	134	M	✓			
RM 116 OFFICE SMOKE	17	S	✓			

SAFE BLU
FIRE ALARM DEVICE LIST

Date: AUGUST 6, 2014	Location: RCMP - SUNDRIE 216 - 6TH AVE NE					
	Contact: CORPRAL RYAN HODGE - DONNA LYSSEL Phone: 403 638 3675					
LOCATION	ZONE	DEVICE	ALARM	TROUBLE	GROUND	NOTES
BULL PEN WINDOW RECEPT	S3	H/S	✓			
ROOM 103 BULL PEN	11	S	✓			
ROOM 102 COMM ROOM	19	S	✓			
SECURE STORAGE 115 S.	28	S	✓			
SECURE STORAGE 115 N.	15	S	✓			
HALL WAY TO CELL AREA		H/S	✓			
ROOM 104 DISPATCH	12	S	✓			
FINGER PRINT RM 113	131	M	✓			
FINGER PRINT RM 113	40	S	✓			
FINGER PRINT RM		H/S	✓			
CELL BLOCK TELE RM 112	39	HT	✓			
INTERVIEW ROOM 103	41	S	✓			
CELL BLOCK HALLWAY	6	S	✓			
CELL BLOCK WASHROOM	10	S	✓			
CELL BLOCK JANITOR CLOSET	18	S	✓			
WEST CELL	8	S	✓			
EAST CELL	5	S	✓			
GARAGE FURNACE CLOSET	38	HT	✓			
REAR GARAGE	35	HT	✓			
RM 107 FRONT GARAGE	33	HT	✓			
RM 107 FRONT GARAGE	132	M	✓			
RM 107 FRONT GARAGE		H/S	✓			

APPENDIX E (INFORMATIVE) – ANNUAL FIRE ALARM SYSTEM TEST AND INSPECTION RECORDS

(Reference: 3.7, 5.1.1, 5.1.2)

E1. FIRE ALARM SYSTEM ANNUAL TEST AND INSPECTION REPORT

(Reference: 5.1.2)

Building name: Taber RCMP		Date: Aug. 18/14	
Address	4021 Heckney Drive, Taber, Alberta		
System manufacturer: Simplex		Model number: 4008	

A	System provides single-stage operation.	Yes ☑	No ☐	--
B	System provides two-stage operation.	Yes ☐	No ☑	--
C	The entire *fire alarm system* has been inspected and tested in accordance with CAN/ULC-S536, Inspection and Testing of Fire Alarm Systems.	Yes ☑	No ☐	--
D	The *fire alarm system* documentation is on site and includes a description of the system.	Yes ☐	No ☐	N/A ☑
E	The *fire alarm system* is fully functional.	Yes ☑	No ☐	N/A ☐
F	The *fire alarm system* has deficiencies noted on the pages attached.	Yes ☐	No ☑	N/A ☐
G	Comments			
H	A copy of this report will be given to the following, who is the owner or owner's representative for this *building:* SNC Lavalin O&M	Yes ☑	No ☐	--

This is to certify that the information contained in this Fire Alarm System Annual Test and Inspection Report is correct and complete.

Kyle Heitman
Printed Name of Primary or Supervising Technician Conducting the Test and Inspection

KOST Fire Safety
Company

403-894-5953
Telephone

Signature of Primary or Supervising Technician Conducting the Test and Inspection

4998
Identification Number of Primary or Supervising Technician Conducting the Test and Inspection

Printed Name of Technician Conducting the Test and Inspection

Company

Telephone

Signature of Technician Conducting the Test and Inspection

Identification Number of Technician Conducting the Test and Inspection

E2. CONTROL UNIT OR TRANSPONDER TEST RECORD

YES ☐ = Tested Correctly NO ☐ = Did not test correctly (REFER TO REMARKS, E2.12) N/A ☐ = Not applicable FUNCTION OR FEATURE NOT PROVIDED ON THIS FIRE ALARM SYSTEM

E2.1 CONTROL UNIT OR TRANSPONDER TEST

(Reference: Clauses 5.1.3, 5.2.2.1)

Control unit or *transponder* location:	Main Entrance
Control unit or *transponder* identification:	Simplex 4008

A	Power 'ON' visual indicator operates.	Yes ☑	No ☐	N/A ☐
B	Common visual *trouble signal* operates.	Yes ☑	No ☐	N/A ☐
C	Common audible *trouble signal* operates.	Yes ☑	No ☐	N/A ☐
D	*Trouble signal* silence switch operates.	Yes ☑	No ☐	N/A ☐
E	*Main power supply* failure *trouble signal* operates.	Yes ☑	No ☐	N/A ☐
F	*Ground fault tested* on positive and negative initiates *trouble signal.*	Yes ☑	No ☐	N/A ☐
G	*Alert signal* operates.	Yes ☐	No ☐	N/A ☑
H	*Alarm signal* operates.	Yes ☑	No ☐	N/A ☐
I	Automatic transfer from *alert signal* to *alarm signal* operates.	Yes ☐	No ☐	N/A ☑
J	Manual transfer from *alert signal* to *alarm signal* operates.	Yes ☐	No ☐	N/A ☑
K	Automatic transfer from *alert signal* to *alarm signal* cancel (acknowledge) feature operates on a two-stage system.	Yes ☐	No ☐	N/A ☑
L	*Alarm signal* silence inhibit function operates.	Yes ☑	No ☐	N/A ☐
M	*Alarm signal* manual silence operates.	Yes ☑	No ☐	N/A ☐
N	*Alarm signal* silence visual indication operates.	Yes ☑	No ☐	N/A ☐
O	*Alarm signal*, when silenced, automatically reinitiates upon *subsequent alarm.*	Yes ☑	No ☐	N/A ☐
P	*Alarm signal* silence automatic cut-out timer.	Time: 1 min		
Q	Audible and visual *alert signals* and *alarm signals* programmed and operate per *design* and *specification*; or documentation as detailed in Appendix C, Description of Fire Alarm System for Inspection and Test Procedures.	Yes ☑	No ☐	N/A ☐
R	*Input circuit*, alarm and supervisory operation, including audible and visual indication operates.	Yes ☑	No ☐	N/A ☐
S	*Input circuit* supervision fault causes a trouble indication.	Yes ☑	No ☐	N/A ☐
T	*Output circuit* alarm indicators operate.	Yes ☑	No ☐	N/A ☐

E2.1 continued...

...Continued E2.1

U	*Output circuit* supervision fault causes a trouble indication.	Yes ☑	No ☐	N/A ☐
V	Visual indicator *test* (lamp *test*).	Yes ☑	No ☐	N/A ☐
W	Coded signal sequences operate not less than the required number of times and the correct *alarm signal* operates thereafter.	Yes ☑	No ☐	N/A ☐
X	Coded signal sequences are not interrupted by *subsequent alarms*.	Yes ☑	No ☐	N/A ☐
Y	*Ancillary device* by-pass will result in a *trouble signal*.	Yes ☑	No ☐	N/A ☐
Z	*Input circuit* to *output circuit* operation, including *ancillary device* circuits, for correct program operation, as per *design* and *specification*, or documentation as detailed in Appendix C, Description of Fire Alarm System for Inspection and Test Procedures.	Yes ☑	No ☐	N/A ☐
AA	*Fire alarm system* reset operates.	Yes ☑	No ☐	N/A ☐
BB	*Main power supply* to *emergency power supply* transfer operates.	Yes ☑	No ☐	N/A ☐
CC	*Status change confirmation* (*smoke detectors* only) verified. [Refer Subsection 5.7.4.3, Status Change Confirmation (Alarm Verification Feature)].	Yes ☑	No ☐	N/A ☐
DD	Receipt of the alarm transmission to the fire *signal receiving centre*.	Yes ☑	No ☑	N/A ☐
EE	Receipt of the supervisory transmission to the fire *signal receiving centre*.	Yes ☑	No ☑	N/A ☐
FF	Receipt of the trouble transmission to the fire *signal receiving centre*.	Yes ☑	No ☑	N/A ☐
GG	Record the name and telephone number of the fire *signal receiving centre*.	Name: Taber Police / Reliance Protection Telephone: 1 800 653 9111		
HH	Operation of the fire *signal receiving centre* disconnect means results in a specific trouble indication at the *control unit* or *transponder* and transmits a *trouble signal* to the fire *signal receiving centre*.	Yes ☑	No ☐	N/A ☐

E2.2 VOICE COMMUNICATION TEST N/A

(Reference: Clause 5.1.3, 5.2.3.1)

A	Power 'ON' indicator operates.	Yes ☐	No ☐	N/A ☐
B	Common visual *trouble signal* operates.	Yes ☐	No ☐	N/A ☐
C	Common audible *trouble signal* operates.	Yes ☐	No ☐	N/A ☐
D	*Trouble signal* silence switch operates.	Yes ☐	No ☐	N/A ☐
E	All-call voice paging, including visual indicator, operates.	Yes ☐	No ☐	N/A ☐
F	*Output circuits* for selective voice paging, including visual indication, operates.	Yes ☐	No ☐	N/A ☐
G	*Output circuits* for selective voice paging trouble operation, including visual indication, operates.	Yes ☐	No ☐	N/A ☐
H	Microphone, including press to talk switch, operates.	Yes ☐	No ☐	N/A ☐
I	Operation of voice paging does not interfere with initial inhibit time of *alert signal* or *alarm signal*.	Yes ☐	No ☐	N/A ☐
J	All-call voice paging operates (on *emergency power supply*).	Yes ☐	No ☐	N/A ☐
K	Upon failure of one amplifier, system automatically transfers to backup amplifier(s).	Yes ☐	No ☐	N/A ☐
L	Circuits for emergency telephone call-in operation, including audible and visual indication, operates.	Yes ☐	No ☐	N/A ☐
M	Circuits for emergency telephones for operation, including two-way voice communication, operates.	Yes ☐	No ☐	N/A ☐
N	Circuits for emergency telephone trouble operation, including visual indication, operates	Yes ☐	No ☐	N/A ☐
O	Emergency telephone verbal communication operates.	Yes ☐	No ☐	N/A ☐
P	Emergency telephone operable or in-use tone at handset operates.	Yes ☐	No ☐	N/A ☐

E2.3 CONTROL UNIT OR TRANSPONDER INSPECTION

(Reference: Clauses 5.1.3, 5.2.4.1)

Control unit or *transponder* location:	Main Entrance
Control unit or *transponder* identification:	4008

A	*Input circuit* designations correctly identified in relation to connected *field devices.*	Yes ☑	No ☐	N/A ☐
B	*Output circuit* designations correctly identified in relation to connected *field devices.*	Yes ☑	No ☐	N/A ☐
C	Correct designations for common control functions and indicators.	Yes ☑	No ☐	N/A ☐
D	Plug-in components and modules securely in place.	Yes ☑	No ☐	N/A ☐
E	Plug-in cables securely in place.	Yes ☑	No ☐	N/A ☐
F	Record the date, revision and version of *firmware* and *software program.*	Date:		
		Rev: _____	Ver: _____	
G	Clean and free of dust and dirt.	Yes ☑	No ☐	N/A ☐
H	Fuses in accordance with manufacturer's *specification.*	Yes ☑	No ☐	N/A ☐
I	*Control unit* or *transponder* lock functional.	Yes ☑	No ☐	N/A ☐
J	Termination points from wiring to *field devices* secure.	Yes ☑	No ☐	N/A ☐

E2.4 POWER SUPPLY INSPECTION

(Reference: Clauses 5.1.3, 5.3.1)

Control unit or *transponder* location:	Main Entrance
Control unit or *transponder* identification:	4008

A	Fused in accordance with the manufacturer's marked rating of the system.	Yes ☑	No ☐	N/A ☐
B	Adequate to meet the requirements of the system.	Yes ☑	No ☐	N/A ☐

E2.5 EMERGENCY POWER SUPPLY TEST AND INSPECTION

(Reference: Clauses 5.1.3, 5.3.2, 5.3.3)

Control unit or *transponder* location:	Main Entance
Control unit or *transponder* identification:	4003

A	Correct battery type as recommended by manufacturer.	Yes ☑	No ☐	N/A ☐
B	Correct battery rating as determined by battery calculations based on full system load.	Yes ☐	No ☐	N/A ☑
C	Battery voltage with *main power supply* 'ON'.	26.5 V dc		
D	Battery voltage and current with *main power supply* 'OFF' and *fire alarm system* in supervisory condition.	Voltage: 25.7 V dc Current: — A		
E	Battery voltage and current with *main power supply* 'OFF' and *fire alarm system* in full load alarm condition.	Voltage: 25.1 V dc Current: — A		
F	Charging current.	— A		
G	Physical damage.	Yes ☐	No ☑	N/A ☐
H	Terminals cleaned and lubricated.	Yes ☑	No ☐	N/A ☐
I	Terminals clamped tightly.	Yes ☑	No ☐	N/A ☐
J	Correct electrolyte level.	Yes ☐	No ☐	N/A ☑
K	Specific gravity of electrolyte is within manufacturer's *specifications*.	Yes ☑	No ☐	N/A ☐
L	Electrolyte leakage.	Yes ☑	No ☑	N/A ☐
M	Adequate ventilation.	Yes ☑	No ☐	N/A ☐
N	Battery manufacturer's date code or in-service date.	Date: _____		
O	Disconnection causes *trouble signal*.	Yes ☑	No ☐	N/A ☐
P	Indicate type of battery *tests* performed:			
	(i) Required supervisory load for 24 h followed by the required full load operation; or	Yes ☐	No ☐	
	(ii) A silent *test* by using the load resistor method may be used for the full duration *test* (Refer to Appendix F1, Silent Test); or	Yes ☐	No ☐	
	(iii) Silent accelerated *test*. (Refer to Appendix F2, Silent Accelerated Test);or	Yes ☐	No ☐	
	(iv) A battery capacity meter *test*. (Refer to Appendix F3, Battery Capacity Meter Test); or	Yes ☑	No ☐	
	(v) In lieu of the above battery *tests*, replace the battery with a new set having a current date code, amp-hour capacity and type as recommended by the manufacturer.	Yes ☐	No ☐	
Q	Record calculated battery capacity (Refer to Appendix F4.1-C).	12 A•h		
R	Record battery terminal voltage after completion of *tests*.	25.1 V dc		

E2.5 continued...

Continued E2.5 ...

S	Battery voltage not less than 85% of its rating after the *tests*.	Yes ☑	No ☐	N/A ☐
T	Generator provides power to the AC circuit serving the *fire alarm system*.	Yes ☐	No ☐	N/A ☑
U	Trouble condition at the emergency generator shall result in an audible common *trouble signal* and a visual indication at the required *annunciator*.	Yes ☐	No ☐	N/A ☑

E2.6 ANNUNCIATOR AND REMOTE TROUBLE SIGNAL UNIT TEST AND INSPECTION

(Reference: Clauses 5.1.4, 5.4.1) N/A

Annunciator or remote *trouble signal* unit location:
Annunciator or remote *trouble signal* unit identification:

A	Power 'on' indicator operates.	Yes ☐	No ☐	N/A ☐
B	Individual alarm, and supervisory *input zones* are clearly indicated and separately designated.	Yes ☐	No ☐	N/A ☐
C	Individual alarm and supervisory *zone* designation labels are properly identified.	Yes ☐	No ☐	N/A ☐
D	Common *trouble signal* operates.	Yes ☐	No ☐	N/A ☐
E	Visual indicator *test* (lamp *test*) operates.	Yes ☐	No ☐	N/A ☐
F	Input wiring from *control unit* or *transponder* is supervised.	Yes ☐	No ☐	N/A ☐
G	*Alarm signal* silence visual indicator operates.	Yes ☐	No ☐	N/A ☐
H	Switches for ancillary functions operate as per *design* and *specification*, or documentation as detailed in Appendix C, Description of Fire Alarm System for Inspection and Test Procedures.	Yes ☐	No ☐	N/A ☐
I	Other ancillary function visual indicators operate.	Yes ☐	No ☐	N/A ☐
J	Manual activation of *alarm signal* and indication operates.	Yes ☐	No ☐	N/A ☐
K	Displays are visible in installed location operates.	Yes ☐	No ☐	N/A ☐
L	Operates on emergency power.	Yes ☐	No ☐	N/A ☐

E2.7 ANNUNCIATORS OR SEQUENTIAL DISPLAYS

(Reference: Clauses 5.1.4, 5.4.2) N/A

Annunciator or *sequential display* location:
Annunciator or *sequential display* identification:

A	Power 'on' indicator operates.	Yes ☐	No ☐	N/A ☐
B	Individual alarm and supervisory *zone* indication operates.	Yes ☐	No ☐	N/A ☐ (See exception)
	Exception: Operation of each individual alarm and supervisory *zone* indication gives the identical indication, or lights the identical indicators at the other *annunciator(s)* and *sequential display(s)*.	Yes ☐	No ☐	N/A ☐
	Specify Method of confirmation: _____			
	Minimum of one alarm *zone* and one supervisory *zone* tested per *annunciator* or *sequential display* to confirm operation.	Yes ☐	No ☐	N/A ☐
C	Individual alarm and supervisory *zone* designation labels are properly identified.	Yes ☐	No ☐	N/A ☐
D	Common *trouble signal* operates.	Yes ☐	No ☐	N/A ☐
E	Visual indicator *test* (lamp *test*) operates.	Yes ☐	No ☐	N/A ☐
F	Input wiring from *control unit* or *transponder* is supervised.	Yes ☐	No ☐	N/A ☐
G	*Alarm signal* silence visual indicator operates.	Yes ☐	No ☐	N/A ☐
H	Switches for ancillary functions operate as per *design* and *specification*, or documentation as detailed in Appendix C, Description of Fire Alarm System for Inspection and Test Procedures.	Yes ☐	No ☐	N/A ☐
I	Other ancillary functions visual indicators operate.	Yes ☐	No ☐	N/A ☐
J	Manual activation of *alarm signal* and indication operates.	Yes ☐	No ☐	N/A ☐
K	Displays are visible in installed location.	Yes ☐	No ☐	N/A ☐

E2.8 REMOTE TROUBLE SIGNAL UNIT TEST AND INSPECTION

(Reference: Clauses 5.1.4, 5.4.3) N/A

Remote *trouble signal* unit location:
Remote *trouble signal* unit identification:

A	Input wiring from *control unit* or *transponder* is supervised.	Yes ☐	No ☐	N/A ☐
B	Visual *trouble signal* operates.	Yes ☐	No ☐	N/A ☐
C	Audible *trouble signal* operates.	Yes ☐	No ☐	N/A ☐
D	Audible *trouble signal* silence operates.	Yes ☐	No ☐	N/A ☐

E2.9 PRINTER TEST

(Reference Clauses 5.1.4, 5.5.1) N/A

Printer location:
Printer identification:

A	Operates as per *design* and *specification*, or documentation as detailed in Appendix C, Description of Fire Alarm System for Inspection and Test Procedures.	Yes ☐	No ☐	N/A ☐
B	*Zone* of each alarm initiating device is correctly printed.	Yes ☐	No ☐	N/A ☐
C	Rated voltage is present.	Yes ☐	No ☐	N/A ☐

E2.10 DATA COMMUNICATION LINK TEST

(Reference: Subsection 5.1.5, 5.6-Note) N/A

Control unit or *transponder* location:
Control unit or *transponder* identification:
Data communication link identification:

A	Confirm that a *trouble signal* is received at the *control unit* or *transponder* under an open loop fault for each *data communication link* (DCL).	Yes ☐	No ☐	N/A ☐
B	Where *fault isolation modules* are installed in *data communication links* serving *field devices*, wiring shall be shorted on the isolated side, *annunciation* of the fault confirmed, and then a *field device* on the source side shall be operated, and activation confirmed at the *control unit* or *transponder*.	Yes ☐	No ☐	N/A ☐
C	Where fault isolation in *data communication links* is provided between *control units* or *transponders* and between *transponders*, introduce a *short circuit fault* and confirm annunciation of the fault and operation outside the shorted section between each pair of:			
	(i) *Control unit* to *control unit*	Yes ☐	No ☐	N/A ☐
	(ii) *Control unit* to *transponder*	Yes ☐	No ☐	N/A ☐
	(iii) *Transponder* to *transponder*	Yes ☐	No ☐	N/A ☐

E2.11 ANCILLARY DEVICE CIRCUIT TEST

(Reference: Clause 5.2.2.1-Z)

RECORD SPECIFIC TYPE OF ANCILLARY CIRCUIT	OPERATION OF ANCILLARY CIRCUIT CONFIRMED		
Fan shut down	Yes ☑	No ☐	N/A ☐
	Yes ☐	No ☐	N/A ☐
	Yes ☐	No ☐	N/A ☐

Note: The *tests* reported on this Form do not include the actual operational *test* of *ancillary devices*.

E2.12 REMARKS

(Reference: E2)

(Attach additional sheets if further remarks are required)

Continued E3.1 ...

NOTE 5: Time delay setting of water flow switch should be recorded in the remarks column.

NOTE 6: Sprinkler supervisory switches cause trouble condition to be annunciated but not an alarm condition.

NOTE 7: Upper and lower pressure setting of *supervisory devices* should be recorded in the remarks column.

NOTE 8: Low temperature setting should be recorded in the remarks column.

NOTE 9: Identify the specific *ancillary devices* in the remarks column.

NOTE 10: Identify date *field device* changed in the remarks column.

NOTE 11: Identify correct *field device* operation (e.g., alarm, trouble, supervisory, annunciation indication).

NOTE 12: Identify *zone*, circuit number, or address.

NOTE 13: Identify *conventional field device* locations.

NOTE 14: Identify *active field device* and *supporting field device*, *data communication link* (DCL), address and location.

NOTE 15: *Test* and confirm *conventional field device* supervision of wiring.

NOTE 16: Confirm *field device* free of damage.

NOTE 17: Confirm *field device* free of foreign substance (e.g. paint).

NOTE 18: Confirm *field device* mechanically supported independently of the wiring.

NOTE 19: Confirm *field device* protective dust shields or covers removed.

CAUTION: The *tests* reported on this Form do not include the actual operational *test* of *ancillary devices*.

E3. FIELD DEVICE RECORD

(Reference: Clause 5.1.6)

E3.1 FIELD DEVICE TESTING — LEGEND AND NOTES

(Reference: Clauses 5.7.4.1.3, 5.7.4.1.4, 5.7.4.1.5, 5.7.4.3.1, 5.7.4.5.1, 5.7.8.1.1, 5.7.8.2.2, 5.7.8.2.4)

DEVICE	DESCRIPTION	TYPE	MODEL NO.
M	*Manual Pull Station*	Simplex	Single stage
RHT	*Heat Detector*, Restorable	Simplex	R.R.
HT	*Heat Detector*, Non-restorable	Simplex	Fixed
S	*Smoke Detector* Sensitivity Test Method or Test Equipment: Model/Method: Smoke check Manufacturer Sensitivity Range: Sensitivity Range:	Not applicable	Not applicable
RI	Remote Indicator Unit		
DS	Duct *Smoke Detector*		
--	Other Type of Detector		
SFD	*Supporting Field Device* (Monitor)		
FS	Sprinkler Flow Switch		
SS	Sprinkler *Supervisory Device*		
--	Other *Supervisory Devices* (Low Pressure, Low Water, Low Temperature, Power Loss, etc.)		
EM	*Fault Isolation Module*		
B	Bell		
H	Horn	Simplex	24VDC
V	*Visible Signal Device*	Simplex	24VDC
SP	Cone Type Speaker		
HSP	Horn Type Speaker		
AD	*Ancillary Device*		
ET	Emergency Telephone		
EOL	End-of-Line Resistor		

The following notes apply to Appendix E3.2, Individual Device Record:

NOTE 1: *Smoke detector sensitivity* confirmation or measurement should be recorded in the remarks column.

NOTE 2: *Smoke detector* cleaning or replacement date should also be recorded in the remarks column.

NOTE 3: Status Change, including time delay, should be recorded in the remarks column.

NOTE 4: Duct *smoke detector* pressure differential should be confirmed and recorded in the remarks column.

E3.1 continued...

E3.2 INDIVIDUAL DEVICE RECORD

(Reference: Clauses 5.7.1.3, E3.1)

BUILDING NAME: Taber RCMP PAGE 1 OF 2

DATE: Aug. 18/14

Device Legends And Notes Are Listed In Appendix E3.1, Field Device Testing – Legend and Notes

LOCATION	DEVICE	CORRECTLY INSTALLED	REQUIRES SERVICE, REPAIRS, CLEANING OR MISSING	ALARM OPERATION CONFIRMED	ANNUNCIATION INDICATION CONFIRMED	ZONE CIRCUIT NUMBER OR ADDRESS	REMARKS
Main Entrance	Pull Station	✓		✓	✓	2	
NE office	Smoke Det	✓		✓	✓	ZN2	
Guard office	Smoke Det	✓		✓	✓	ZN2	
Lunch Room	Smoke Det.	✓		✓	✓	ZN2	
Main Entrance	Smoke	✓		✓	✓	2	
Main Hall office	Smoke	✓		✓	✓	2	
Hall to Cell	Smoke	✓		✓	✓	ZN1	
Cell By Hall	Smoke	✓		✓	✓	ZN8	
Guard Wash Rm	Smoke	✓		✓	✓	ZN8	
N.W. Jail Cell	Smoke	✓		✓	✓	ZN6	
Guard Room	Smoke	✓		✓	✓	ZN8	
SW Jail Cell	Smoke	✓		✓	✓	ZN5	
West Exit Cell	Pull Station	✓		✓	✓	ZN8	
Garage Secure Exit	Pull Station	✓		✓	✓	ZN1	
interview Room	Smoke Det	✓		✓	✓	ZN2	
South Exit	Pull Station	✓		✓	✓	ZN2	
~~Sou~~ Top of Stairs	Smoke Det	✓		✓	✓	Z7	
Bottom of Stairs	Pull Station	✓		✓	✓	ZN3	
Basement Bathroom	Heat Det	✓		✓	✓	~~ZN~~3	
Basement Board Room	Heat Det	✓		✓	✓	ZN3	
Basement Storage	Heat Det	✓		✓	✓	~~ZN~~3	
Basement Elect Rm	Smoke	✓		✓	✓	ZN7	
Furnace Room	Heat Det	✓		✓	✓	ZN3	
Janitor Room Up	Heat Det.	✓		✓	✓	ZN1	

E3.2 INDIVIDUAL DEVICE RECORD

(Reference: Clauses 5.7.1.3, E3.1)

BUILDING NAME: Tober RCMP PAGE 2 OF 2

DATE: Aug. 18/14

Device Legends And Notes Are Listed In Appendix E3.1, Field Device Testing – Legend and Notes

LOCATION	DEVICE	CORRECTLY INSTALLED	REQUIRES SERVICE, REPAIRS, CLEANING OR MISSING	ALARM OPERATION CONFIRMED	ANNUNCIATION INDICATION CONFIRMED	ZONE CIRCUIT NUMBER OR ADDRESS	REMARKS
Basement	Horn/Strobe	✓		✓			
Office	Horn/Strobe	✓		✓			
Hall to Cell Block	Horn/Strobe	✓		✓			
Cell Block	Horn/Strobe	✓		✓			

SAFE BLU
Strathmore, AB.
Ph: 934 9387 Fax: 934 9344

FIRE ALARM SYSTEM ANNUAL TEST AND INSPECTION REPORT

DATE: July 16, 2014

BUILDING NAME: THREE HILL RCMP

ADDRESS: 719 2ND STREET – THREE HILL, AB

COMPANY: SNC LAVALIN

CONTACT PERSON:

TELEPHONE NO:

SYSTEM MANUFACTURER: EST MODEL NO: Io 500

OPERATION: SINGLE STAGE: ☒ TWO STAGE: ☐

TEST RESULTS
(EVERY LINE MUST HAVE THE APPROPRIATE MARKING IN THE SPACE PROVIDED)

This is to certify that the Fire Alarm System has been tested and inspected in accordance with Section 5 periodic inspections and tests – daily and monthly; and Section 6, periodic inspections and tests – yearly, and these records document the results of testing performed.

1. The Fire Alarm System is now fully functional. Yes ☒ No ☐

OR

2. The Fire Alarm System has deficiencies noted on the pages attached. Yes ☐ No ☒

Comments:

LED ANNUNCIATOR HAS NO LABELS BUT LAMPS WORK

A copy of this report will be given to:

Ken MacLean	P0553	24-7 Fire & Electrical Services Ltd.
Signature of Technician	Technician's Certification Number	Company Name

PRE-TEST CHECKLIST		
1.	Is there a fire department interconnection?	Yes ☐ No ☒
	If yes, take necessary steps to alert central station/fire department, etc. **DO NOT USE THE FIRE DEPARTMENT EMERGENCY TELEPHONE NUMBER.** **(IN CALGARY USE THE NON-EMERGENCY PHONE NUMBER 264-1022)** Name of person contacted at the central station or fire department:	
	Name _____ Title _____ Phone No. _____	
	Date and time fire alarm system is out of service:	
	Date and time fire alarm is back in service:	
2.	Do you have auxiliary functions that can impair building functions such as elevator capture, fan shutdown, door holders, etc.?	Yes ☒ No ☐
2a.	Can these be disabled and tested by groups?	Yes ☐ No ☒
3.	Have building occupants been made aware of fire alarm testing?	Yes ☒ No ☐
4.	Has a pre-determined time been established for testing signaling devices?	Yes ☒ No ☐
5.	Have provisions been made for acquiring access to the secured areas of the building?	Yes ☒ No ☐
6.	Has an alternative plan been established to alert occupants and local fire department should an actual fire condition occur during testing?	Yes ☒ No ☐
7.	The fire alarm system has emergency power provided by:	AC Generator ☐ Rechargeable battery ☐

EVERY LINE MUST HAVE THE APPROPRIATE MARKING IN THE BOX PROVIDED

YES	NO	NOT APPLICABLE (NA)
Tested correctly	Did not test correctly (See Remarks Section)	Function or feature not provided on this fire alarm system.

ALARM SIGNAL TESTS	YES	NO	NA
All alarm signaling appliances sound simultaneously in the general alarm state powered by the emergency power supply (5 min. minimum duration).	☒	☐	☐
All audible alarm signals sound simultaneously in the evacuation alarm state powered by the emergency power supply (as per the Alberta Building Code 1990).	☒	☐	☐
Alarm signals are audible throughout the building.	☒	☐	☐
Visual alarm signals clearly indicate a visual alarm to all points in the visual alarm area when operated on normal power supply.	☒	☐	☐
Each audible and visual signaling device has been tested.	☒	☐	☐
NUMBER OF AUDIBLE / VISUAL DEVICES: 9			

CONTROL UNIT TESTS	YES	NO	NA
Power on Visual Indicator	☒	☐	☐
Common Visual Trouble Lamp	☒	☐	☐
Common Audible Trouble Signal	☒	☐	☐
Trouble Signal Silence Switch	☒	☐	☐
AC Power Failure Trouble	☒	☐	☐
Main Power Supply Failure Trouble Signal	☒	☐	☐
Ground Fault Tested on Positive and Negative Trouble Signal	☒	☐	☐
Control Panel Interconnection to Fire Department Confirmed	☐	☐	☒
Alert Signal Operation	☐	☐	☒
Alarm Signal Operation	☒	☐	☐
Automatic Transfer from Alert Signal to Alarm Signal	☐	☐	☒
Acknowledge Switch Operation	☒	☐	☐
Alarm Signal Silence Inhibit	☐	☒	☐
Alarm Signal Silence Operation	☒	☐	☐
Alarm Signal Silence Visual Indication	☒	☐	☐
Alarm Signal, when silenced, Automatically Reinitiate Upon Subsequent Alarm	☒	☐	☐
Alarm Signal Silence Automatic Cut – Out Timer	☐	☐	☒
Input Circuit, Alarm & Supervisory Operation Including Visual Indicator	☒	☐	☐
Input Circuit Trouble Operation	☒	☐	☐
Output Circuit Alarm Operation	☒	☐	☐
Output Circuit Trouble Operation	☒	☐	☐
Visual Indicator Test (Lamp Tests)	☒	☐	☐
Reset Operation	☒	☐	☐
Main Power Supply to Emergency Power Supply Transfer	☒	☐	☐
Control Panel Locked	☒	☐	☐
Control Unit Interconnection to Monitoring Station	☒	☐	☐
Monitoring Company Name and Phone #	Reliance Protectron 1800 661 3631		
Building System ID # and Pass Code ID #	Password KGU 286		

BATTERY TESTS		
Correct Battery Type as Recommended by Manufacturer	2 X	12V 18ah
Correct Rating as Determined by Battery Calculations based on Full System Load	YES ☒ NO ☐	
Battery Voltage (AC Power On)	27.53V	
Battery Charging Current (AC Power On)	100 MA – 1.3 AMP	
Battery Voltage (AC Power Off - Supervisory Condition)	25.8V 340MA	
Battery Voltage (AC Power Off - General Alarm Condition) Full Load	25.2V 1.3 AMP	

BATTERY TESTS INSPECTIONS	YES	NO	NA
Battery Inspected for Physical Damage	☒	☐	☐
Battery Terminals Cleaned and Lubricated	☒	☐	☐
Battery Terminals Clamped Tightly	☒	☐	☐
Within Manufacturer's Rated Life Date Code	☒	☐	☐
Disconnection Causes Trouble Signal	☒	☐	☐

REMOTE TROUBLE UNIT	YES	NO	NA
Input Wiring from Control Unit is Supervised	☐	☐	☒
Visual Trouble Signal	☐	☐	☒
Audible Trouble Signal	☐	☐	☒
Audible Trouble Signal Silence	☐	☐	☒

POWER SUPPLY INSPECTION	YES	NO	NA
Fused in Accordance with Manufacturer's Marked Rating of the System	☒	☐	☐
Adequate to Meet the Requirements of the System	☒	☐	☐

ANNUNCIATOR TESTS CELL BLOCK GAURDS STATION	YES	NO	NA
Power On Indicator	☒	☐	☐
Individual Alarm & Supervisory Zone Indication	☒	☐	☐
Individual Alarm & Supervisory Zone Designation Labels are Properly Identified	☒	☐	☐
Common Trouble Signal	☒	☐	☐
Visual Indicator Test (Lamp Test)	☒	☐	☐
Input Wiring from Control Unit is Supervised	☒	☐	☐
Switches for Ancillary Functions Operate as Intended	☒	☐	☐
Alarm Signal Silence Visual Indicator	☒	☐	☐
Other Ancillary Functions Visual Indicators	☒	☐	☐
Manual Activation of Alarm Signal & Indication	☒	☐	☐

CONTROL UNIT INSPECTIONS	YES	NO	NA
Input Circuit Designations, Correctly Identified in Relation to Connected Field Devices	☒	☐	☐
Output Circuit Designations, Correctly Identified in Relation to Connected Field Devices	☒	☐	☐
Designations for Common Control Functions & Indicators	☒	☐	☐
Cabinet, Plug-In Components, Modules, and Cables Securely in Place	☒	☐	☐
Cleanliness	☒	☐	☐
Fuses in Accordance with Manufacturer's Specification	☒	☐	☐

ANCILLARY DEVICES If no ancillary devices are present check here ☐

TYPE OF DEVICE (List)	OPERATIONAL
FURNACE OR MAU FAN	YES ☒ NO ☐
DOOR HOLDER MAGNET	YES ☒ NO ☐
	YES ☐ NO ☐
	YES ☐ NO ☐
	YES ☐ NO ☐

***NOTE: Power supply for ancillary devices must not be from fire alarm power supply circuit.**

AFTER TEST CHECKLIST	YES	NO	NA
Reconnect Auxiliary Functions (off site connections)	☒	☐	☐
Reconnect Ancillary Functions	☐	☐	☐
Reconnect Time Limit Cutouts	☐	☐	☐
Ensure Fire Alarm System is on Normal Power	☒	☐	☐
Advise Building Management Work Is Completed	☒	☐	☐
Advise Fire Department Work Is Completed	☒	☐	☐
Ensure That the Alarm System Is Functional	☒	☐	☐

SUMMARY		
1.	The fire alarm system is now **FULLY** functional.	YES ☒ NO ☐
2.	The fire alarm system is operational with minor deficiencies as noted in this report.	YES ☐ NO ☒
3.	The fire alarm system has major deficiencies as noted in this report.	YES ☐ NO ☒
4.	A copy of this report will been given to:	
BUILDING OWNER / BUILDING OWNER'S REPRESENTATIVE		

TEST AND MAINTENANCE CODES REQUIRE THAT THE BUILDING OWNER FOR A MINIMUM OF TWO YEARS MAINTAIN THIS RECORD.

DEVICE LEGEND

Bell	B	Pressure Switch	PS
Duct Smoke Detector	DS	Remote Relay	REL
Fire Phone	FP	Heat Detector, Rate of Rise	RHT
Sprinkler Flow Switch	FS	Smoke Detector	S
Horn	H	Smoke Alarm	SA
Horn/Strobe Combination	HS	Paging Speaker	SP
Heat Detector, Fixed Temperature	HT	Sprinkler Tamper Switch	TS
Manual Pull Station	M	Visual Appliance	V

TECHNICIANS REMARKS / DEFICIENCY FIRE ALARM / SPRINKLER SYSTEM

All devices tested OK.

EMERGENCY / EXIT LIGHTING:

FIRE EXTINGUISHERS / FIRE HOSES:

THREE HILLS RCMP **SAFE BLU** JULY 26, 2014

FIRE ALARM DEVICE REPORT

LOCATION	DEVICE	Correctly Installed	Requires Repair	Alarm Operation	Annunciation Confirmed	Zone Circuit #	Ground Fault	Flow Sw.Delay	NOTES
MAIN FLOOR									
MAIN LOBBY	S			✓		44			
VESTIBULE ENTRANCE	M			✓		128			
SARGEANTS OFFICE 104	S			✓		20			
BULL PEN NORTH	S			✓		28			
BULL PEN SOUTH	S			✓		29			
INTERVIEW ROOM	S			✓		31			
FRONT HALL 105	M			✓		127			
FRONT HALLWAY NORTH 108	S			✓		32			
FRONT HALLWAY CENTRE 100	S			✓		33			
FRONT HALLWAY SOUTH 100	S			✓		38			
FRONT HALLWAY SOUTH 100	M			✓		130			
RECEPTION OFFICE 106	S			✓		16			
FILE ROOM 107	S			✓		45			
VSU OFFICE 113	S			✓		35			
LUNCH ROOM 112	S			✓		36			
TOP OF SOUTH STAIRS	S			✓		37			
MENS WASHROOM	RHT			✓		40			
WOMANS WASHROOM	RHT			✓		41			
OFFICE TO CELL HALL 118A	S			✓		14			
SECURE STORAGE 127	S			✓		27			
NIGHT LOCK UP 126	S			✓		26			
VISITORS ROOM 120	S			✓		12			
GAURDS WASHROOM	S			✓		8			
CELL BLOCK GAURDS DESK	M			✓		134			
HALLWAY 131	S			✓		46			
SECURE CORRIDOR 122 NORTH	S			✓		47			
SECURE CORRIDOR 122 CENTRE	S			✓		48			
SECURE CORRIDOR 122 SOUTH	S			✓		49			
SECURE GARAGE BAY EXIT	M			✓		141			
SECURE GARAGE BAY 115	RHT			✓		8			
SECURE GARAGE STORAGE RM 111	RHT			✓		9			
FINGER PRINT RM 117A	S			✓		6			
INTEREGATION ROOM 117	S			✓		5			
PRISONERS EFFECTS ROOM	S			✓		15			
CELL 1 ROOM 123	S			✓		4			
CELL 2 ROOM 130	S			✓		3			
CELL 3 ROOM 129	S			✓		2			
CELL 4 ROOM 128	S			✓		1			
GARAGE BAY 114	RHT			✓		11			
GARAGE BAY 114	M			✓		133			
BASEMENT AREA									

M=MANUAL STATION
S=SMOKE DETECTOR

RHT=RATE OF RISE HEAT
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B=BELL
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V=STROBE LIGHT

THREE HILLS RCMP

SAFE BLU

JULY 26, 2014

FIRE ALARM DEVICE REPORT

LOCATION	DEVICE	Correctly Installed	Requires Repair	Alarm Operation	Annunciation Confirmed	Zone Circuit #	Ground Fault	Flow Sw/Delay	NOTES
BASEMENT STAIRS	M			✓		132			
GYM AREA	RHT			✓		25			
BASEMENT HALL	RHT			✓		23			
JANITOR ROOM	RHT			✓		24			
MECHANICAL ROOM SOUTH	RHT			✓		19			
MECHANICAL ROOM NORTH	RHT			✓		20			
ELECTRICAL ROOM	RHT			✓		18			
BASEMENT STORAGE ROOM	RHT			✓		22			
FURNACE # 1	D/S			✓		21			
FURNACE # 2	D/S			✓		34			
DOOR HOLDER MAG	RELAY			✓		126			
CRAWL SPACE	RHT			✓		129			CONVETIONAL HEAT
CRAWL SPACE	RHT			✓		129			CONVETIONAL HEAT
AUDIBLE VISUAL									
BULL NORHT	H/S			✓		S1			
BULL PEN SOUTH	H/S			✓		S1			
FRONT HALLWAY SOUTH 100	H/S			✓		S1			
CELL BLOCK GAURDS DESK	H/S			✓		S1			
SECURE CORRIDOR 122 SOUTH	H/S			✓		S1			
SECURE CORRIDOR 122 NORTH	H/S			✓		S1			
SECURE GARAGE BAY	H/S			✓		S1			
GARAGE BAY 114	H/S			✓		S1			
BASEMENT									
BASEMENT STAIRS	H/S			✓		S2			
MECHANICAL ROOM	H/S			✓		S2			

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SAFE BLU

Strathmore, AB.

Ph: 934 9387 Fax: 934 9344

FIRE ALARM SYSTEM ANNUAL TEST AND INSPECTION REPORT

DATE: JULY 9, 2014

BUILDING NAME: TURNER VALLEY RCMP

ADDRESS: 101 ROYAL AVENUE NE. TURNER VALLEY AB.

COMPANY: SAME

CONTACT PERSON:

TELEPHONE NO: 403 933 7227

SYSTEM MANUFACTURER: NOTIFIER MODEL NO: NFS-320C

OPERATION: SINGLE STAGE: ☐ TWO STAGE: ☒

TEST RESULTS

(EVERY LINE MUST HAVE THE APPROPRIATE MARKING IN THE SPACE PROVIDED)

This is to certify that the Fire Alarm System has been tested and inspected in accordance with Section 5 periodic inspections and tests – daily and monthly; and Section 6, periodic inspections and tests – yearly, and these records document the results of testing performed.

1. The Fire Alarm System is now fully functional. Yes ☒ No ☐

OR

2. The Fire Alarm System has deficiencies noted on the pages attached. Yes ☐ No ☒

Comments:

ALL DEVICES TESTED OKAY

A copy of this report will be given to: SNC LAVALIN

Ken MacLean	P0553	24-7 Fire & Electrical Services Ltd.
Signature of Technician	Technician's Certification Number	Company Name

PRE-TEST CHECKLIST		
1.	Is there a fire department interconnection?	Yes ☐ No ☒
	If yes, take necessary steps to alert central station/fire department, etc. **DO NOT USE THE FIRE DEPARTMENT EMERGENCY TELEPHONE NUMBER.** **(IN CALGARY USE THE NON-EMERGENCY PHONE NUMBER 264-1022)** Name of person contacted at the central station or fire department:	
	Name: _____ Title: _____ Phone No.: _____	
	Date and time fire alarm system is out of service: July 9, 2014 8:00 AM	
	Date and time fire alarm is back in service: July 9, 2014 12:00 PM	
2.	Do you have auxiliary functions that can impair building functions such as elevator capture, fan shutdown, door holders, etc.?	Yes ☒ No ☐
2a.	Can these be disabled and tested by groups?	Yes ☒ No ☐
3.	Have building occupants been made aware of fire alarm testing?	Yes ☒ No ☐
4.	Has a pre-determined time been established for testing signaling devices?	Yes ☒ No ☐
5.	Have provisions been made for acquiring access to the secured areas of the building?	Yes ☒ No ☐
6.	Has an alternative plan been established to alert occupants and local fire department should an actual fire condition occur during testing?	Yes ☒ No ☐
7.	The fire alarm system has emergency power provided by:	AC Generator ☐ Rechargeable battery ☒

EVERY LINE MUST HAVE THE APPROPRIATE MARKING IN THE BOX PROVIDED

YES	NO	NOT APPLICABLE (NA)
Tested correctly	Did not test correctly (See Remarks Section)	Function or feature not provided on this fire alarm system.

ALARM SIGNAL TESTS	YES	NO	NA
All alarm signaling appliances sound simultaneously in the general alarm state powered by the emergency power supply (5 min. minimum duration).	☒	☐	☐
All audible alarm signals sound simultaneously in the evacuation alarm state powered by the emergency power supply (as per the Alberta Building Code 1990).	☒	☐	☐
Alarm signals are audible throughout the building.	☒	☐	☐
Visual alarm signals clearly indicate a visual alarm to all points in the visual alarm area when operated on normal power supply.	☒	☐	☐
Each audible and visual signaling device has been tested.	☒	☐	☐
NUMBER OF AUDIBLE / VISUAL DEVICES: 4			

CONTROL UNIT TESTS	YES	NO	NA
Power on Visual Indicator	☒	☐	☐
Common Visual Trouble Lamp	☒	☐	☐
Common Audible Trouble Signal	☒	☐	☐
Trouble Signal Silence Switch	☒	☐	☐
AC Power Failure Trouble	☒	☐	☐
Main Power Supply Failure Trouble Signal	☒	☐	☐
Ground Fault Tested on Positive and Negative Trouble Signal	☒	☐	☐
Control Panel Interconnection to Fire Department Confirmed	☐	☐	☒
Alert Signal Operation	☒	☐	☐
Alarm Signal Operation	☒	☐	☐
Automatic Transfer from Alert Signal to Alarm Signal	☒	☐	☐
Acknowledge Switch Operation	☒	☐	☐
Alarm Signal Silence Inhibit	☐	☒	☐
Alarm Signal Silence Operation	☒	☐	☐
Alarm Signal Silence Visual Indication	☒	☐	☐
Alarm Signal, when silenced, Automatically Reinitiate Upon Subsequent Alarm	☒	☐	☐
Alarm Signal Silence Automatic Cut – Out Timer	☐	☐	☒
Input Circuit, Alarm & Supervisory Operation Including Visual Indicator	☒	☐	☐
Input Circuit Trouble Operation	☒	☐	☐
Output Circuit Alarm Operation	☒	☐	☐
Output Circuit Trouble Operation	☒	☐	☐
Visual Indicator Test (Lamp Tests)	☒	☐	☐
Reset Operation	☒	☐	☐
Main Power Supply to Emergency Power Supply Transfer	☒	☐	☐
Control Panel Locked	☒	☐	☐
Control Unit Interconnection to Monitoring Station	☒	☐	☐
Monitoring Company Name and Phone #	1 800 266 4155 #51202 RELIANCE PROTECTRON SECURITY		
Building System ID	#G8D0267 and Pass Code ID # TURNER VALLEY RCMP		

BATTERY TESTS		
Correct Battery Type as Recommended by Manufacturer	2 X	12V 18AH - 2013
Correct Rating as Determined by Battery Calculations based on Full System Load		YES ☒ NO ☐
Battery Voltage (AC Power On)		27.41V
Battery Charging Current (AC Power On)		220 MA – 1.7 AMPS
Battery Voltage (AC Power Off - Supervisory Condition)		25.8V – 247 MA
Battery Voltage (AC Power Off - General Alarm Condition) Full Load		25.75V

BATTERY TESTS INSPECTIONS	YES	NO	NA
Battery Inspected for Physical Damage	☒	☐	☐
Battery Terminals Cleaned and Lubricated	☒	☐	☐
Battery Terminals Clamped Tightly	☒	☐	☐
Within Manufacturer's Rated Life Date Code	☒	☐	☐
Disconnection Causes Trouble Signal	☒	☐	☐

REMOTE TROUBLE UNIT	YES	NO	NA
Input Wiring from Control Unit is Supervised	☐	☐	☒
Visual Trouble Signal	☐	☐	☒
Audible Trouble Signal	☐	☐	☒
Audible Trouble Signal Silence	☐	☐	☒

POWER SUPPLY INSPECTION	YES	NO	NA
Fused in Accordance with Manufacturer's Marked Rating of the System	☒	☐	☐
Adequate to Meet the Requirements of the System	☒	☐	☐

ANNUNCIATOR TESTS	YES	NO	NA
Power On Indicator	☒	☐	☐
Individual Alarm & Supervisory Zone Indication	☒	☐	☐
Individual Alarm & Supervisory Zone Designation Labels are Properly Identified	☒	☐	☐
Common Trouble Signal	☒	☐	☐
Visual Indicator Test (Lamp Test)	☒	☐	☐
Input Wiring from Control Unit is Supervised	☒	☐	☐
Switches for Ancillary Functions Operate as Intended	☐	☐	☒
Alarm Signal Silence Visual Indicator	☐	☐	☒
Other Ancillary Functions Visual Indicators	☐	☐	☒
Manual Activation of Alarm Signal & Indication	☐	☐	☒

CONTROL UNIT INSPECTIONS	YES	NO	NA
Input Circuit Designations, Correctly Identified in Relation to Connected Field Devices	☒	☐	☐
Output Circuit Designations, Correctly Identified in Relation to Connected Field Devices	☒	☐	☐
Designations for Common Control Functions & Indicators	☒	☐	☐
Cabinet, Plug-In Components, Modules, and Cables Securely in Place	☒	☐	☐
Cleanliness	☒	☐	☐
Fuses in Accordance with Manufacturer's Specification	☒	☐	☐

ANCILLARY DEVICES	If no ancillary devices are present check here ☐
TYPE OF DEVICE (List)	**OPERATIONAL**
FURNACE FANS	YES ☒ NO ☐
MAG DOOR LOCK	YES ☒ NO ☐
	YES ☐ NO ☐
	YES ☐ NO ☐
	YES ☐ NO ☐

***NOTE: Power supply for ancillary devices must not be from fire alarm power supply circuit.**

AFTER TEST CHECKLIST	YES	NO	NA
Reconnect Auxiliary Functions (off site connections)	☒	☐	☐
Reconnect Ancillary Functions	☒	☐	☐
Reconnect Time Limit Cutouts	☐	☐	☒
Ensure Fire Alarm System is on Normal Power	☒	☐	☐
Advise Building Management Work Is Completed	☒	☐	☐
Advise Fire Department Work Is Completed	☒	☐	☐
Ensure That the Alarm System Is Functional	☒	☐	☐

SUMMARY		
1.	The fire alarm system is now **FULLY** functional.	YES ☒ NO ☐
2.	The fire alarm system is operational with minor deficiencies as noted in this report.	YES ☐ NO ☒
3.	The fire alarm system has major deficiencies as noted in this report.	YES ☐ NO ☒
4.	A copy of this report will been given to: SNC LAVALIN	

TEST AND MAINTENANCE CODES REQUIRE THAT THE BUILDING OWNER FOR A MINIMUM OF TWO YEARS MAINTAIN THIS RECORD.

DEVICE LEGEND

Bell	B	Pressure Switch	PS
Duct Smoke Detector	DS	Remote Relay	REL
Fire Phone	FP	Heat Detector, Rate of Rise	RHT
Sprinkler Flow Switch	FS	Smoke Detector	S
Horn	H	Smoke Alarm	SA
Horn/Strobe Combination	HS	Paging Speaker	SP
Heat Detector, Fixed Temperature	HT	Sprinkler Tamper Switch	TS
Manual Pull Station	M	Visual Appliance	V

TECHNICIANS REMARKS / DEFICIENCY FIRE ALARM / SPRINKLER SYSTEM

NO FAULTS

EMERGENCY / EXIT LIGHTING:

FIRE EXTINGUISHERS / FIRE HOSES:

` TURNER VALLEY RCMP DETECHMENT

JULY 9 , 2014

FIRE ALARM DEVICE REPORT

LOCATION	DEVICE	Correctly Installed	Requires Repair	Alarm Operation	Annunciation Confirmed	Zone Circuit #	Ground Fault	Flow Sw.Delay	NOTES
FRONT RECEPTION	CR135			✓		034			
FRONT ENTRANCE	M			✓		051			
FRONT ENTRANCE	G/A			✓		052			
MAIN WORK STATION	CR135			✓		026			
GENERAL OFFICE	S			✓		025			
GENERAL OFFICE	S			✓		024			
COMMANDERS OFFICE	CR135			✓		032			
SHIFT SUPERVISOR'S OFFICE	CR135			✓		033			
OPEN FILE STORAGE ROOM	CR135			✓		027			
INTERVIEW ROOM	CR135			✓		035			
PEACE OFFICER'S OFFICE	CR135			✓		036			
LUNCH ROOM	CR135			✓		037			
HALLWAY	H/S			✓		S1			STROBES S4
INTERVIEW ROOM	CHIME								DELETED
MEN'S WASHROOM	CR135			✓		029			
WOMENS WASHROOM	CR135			✓		028			
JANITOR'S CLOSET	CR135			✓		030			
NORTH CORRIDOR EXIT	M			✓		053			
NORTH CORRIDOR EXIT	G/A			✓		054			
EQUIPMENT ROOM - GUN STORAGE ROOM	CR135			✓		031			
OVERNIGHT EXHIBIT	S			✓		009			
SECURE EXHIBIT	S			✓		008			
VISITOR'S VIEWING ROOM	CR135			✓		010			
GUARD'S STATION	CR135			✓		012			
GUEST INTERVIEW ROOM	CR135			✓		018			
COLD STORAGE	CR135			✓		019			
GUEST INTERVIEW ROOM	CHIME								DELETED
BREATHALYZER ROOM	CR135			✓		013			
GUEST VIEWING ROOM	CR135			✓		011			
GUARD STATION	M			✓		063			
GUARD STATION	G/A			✓		064			
SECURE BAY	CR135			✓		020			
SECURE BAY EXIT	M			✓		057			
SECURE BAY EXIT	G/A			✓		058			
CELL 132	S					005			OCCUPIED, NO ACCESS
CELL 131	S			✓		004			
CELL 130	S			✓		002			
CELL 129	S			✓		006			
CELL 128	S			✓		007			
PRISONER'S EFFECTS ROOM	CR 135			✓		017			
CELL CORRIDOR NORTH	S			✓		016			
CELL CORRIDOR CENTER	S			✓		015			
CELL CORRIDOR SOUTH	S			✓		014			
CELL BLOCK HALLWAY	H/S			✓		S2			STROBE S3

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TURNER VALLEY RCMP DETECHMENT

JULY 9 , 2014

FIRE ALARM DEVICE REPORT

LOCATION	DEVICE	Correctly Installed	Requires Repair	Alarm Operation	Annunciation Confirmed	Zone Circuit #	Ground Fault	Flow Sw.Delay	NOTES
BASEMENT									
BSMT NORTH STAIRS	M			✓		061			
BSMT NORTH STAIRS	G/A			✓		062			
ELECTRICAL ROOM	S			✓		043			
HALLWAY	H/S			✓		S1			STROBE S3
LOCKER ROOM	CR135			✓		045			
MEN'S LOCKER ROOM	CR135			✓		044			
WOMEN'S LOCKER ROOM	CR135			✓		046			
MECHANICAL ROOM NORTH	CR135			✓		041			
MECHANICAL ROOM SOUTH	CR135			✓		040			
OPS - TRAINING ROOM	CR135			✓		048			
WEIGHT ROOM	H/S			✓		S1			STROBES S3
BSMT OFFICE	CR135			✓		049			
WORKOUT ROOM	CR135			✓		038			
SECURE OFFICE	CR135								NO ACCESS
SOUTH STAIRS	M			✓		059			
SOUTH STAIRS	G/A			✓		060			
SOUTH STAIRWELL	S			✓		023			
MECHANICAL ROOM SOUTH	D/S			✓		001			
MECHANICAL ROOM NORTH	D/S			✓		003			
TELEPHONE ROOM	S			✓		042			
NORTH STAIRWELL	S			✓		050			
FURNACE SHUTDOWN MUA	RELAY			✓		001			
DOOR MAG LOCK	RELAY			✓		001			

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