

E3. FIELD DEVICE RECORD

(Reference: Clause 5.1 6)

E3.1 FIELD DEVICE TESTING - LEGEND & 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	MANUFACTURER	MODEL NO.
M	Manual Station	EDWARDS	270-SPO
M2	Manual Station	MIRCOM	MS-401
RHT	Rate of Rise Heat Detector		281A
RHT2	Rate of Rise Heat Detector		5601A / CR135-2
HT	Fixed Temperature Heat Detector		284A
HT2	Fixed Temperature Heat Detector		
S	Smoke Detector	SYSTEM SENSOR	C2W-BA
	Sensitivity Test Method:		
	Sensitivity Range:		
S2	Smoke Detector	MIRCOM	FSI-851A
	Sensitivity Test Method:		
	Sensitivity Range:		
RI	Remote Indicator		
DS	Duct Smoke Detector	SYSTEM SENSOR	A5180
SFD	Supporting Field Device - Monitor		
SFD2	Supporting Field Device - Monitor		
FD	Sprinkler Flow Switch		
SS	Sprinkler Supervisory Device		
PS	Sprinkler Pressure Device		
IM	Isolation Module		
B	Bell	EDWARDS	439D-6AWC
B2	Bell		
H/V	Horn/Visual		
H/V2	Horn/Visual		
H	Horn	EDWARDS	881-D (24V)
H2	Horn		
V	Visual Signal Device		
V2	Visual Signal Device		
SP	Cone Type Speaker		
SP2	Cone Type Speaker		
HSP	Horn Type Speaker		
AD	Ancillary Device		
AD2	Ancillary Device		
ET	Emergency Telephone		
EOL	End of Line Resistor/Capacitor		
EOL2	End of Line Resistor/Capacitor		
S3	Smoke Detector	MIRCOM	FSI-851A
M3	Manual Station	MIRCOM	MS-710

BUILDING NAME:	RCMP STONEWALL DETACHMENT
BUILDING ADDRESS:	404-3RD AVE. SOUTH STONEWALL MB.
DATE:	WEDNESDAY JANUARY 19,2022

C3.2 INDIVIDUAL DEVICE RECORD

(Reference Clauses 5.7.1.3, E3.1)

Location	Device (See Legend)	Zone Circuit Number or Address	Correctly Installed	Requires Service	Alarm Operation Confirmed	Annunciation Indication Confirmed	Remarks / Required Additional Readings
CELL AREA PANEL	FACP	MIRCOM FA-101T	✓		✓	✓	ON MAIN PANEL AS ZONE 8.
SIGNALS :							
CELL AREA GUARDS ROOM	H	NAC1	✓		✓		EDWARDS 881-D (24V)
DEVICES :							
CELL 1	S2	FACP1	✓		✓	✓	FSI-851A. O2
CELL 2	S2	FACP1	✓		✓	✓	FSI-851A. O2
CELL 3	S2	FACP1	✓		✓	✓	FSI-851A. O2
IN DUCT FPR	S2	FACP1	✓		✓	✓	FSI-851A.
IN FACP	EOL	FACP1	✓				
MAIN ENTRANCE VESTIBULE	FACP	MIRCOM FA-100BK	✓	x	✓	✓	MAIN BLDG. FACP. D1.
SIGNALS :							
GENERAL OFFICE	B	NAC1	✓		✓		439D-6AWC
BY GENERAL OFFICE	B	NAC1	✓		✓		439D-6AWC
CELL AREA HALL	B	NAC1	✓		✓		439D-6AWC
MEZZANINE	B	NAC1	✓		✓		439D-6AWC
ATTIC	B	NAC1	✓		✓		439D-6AWC
DEVICES : ZONE 1							
CRAWLSPACE ENTRANCE	RHT	Z1	✓		✓	✓	281A.
CRAWLSPACE CENTRE	RHT	Z1	✓		✓	✓	281A. O1
CRAWLSPACE EAST	RHT	Z1	✓		✓	✓	281A. O1
CRAWLSPACE S/E	RHT	Z1	✓		✓	✓	281A. O1
CRAWLSPACE S/W	RHT	Z1	✓		✓	✓	281A. O1
CRAWLSPACE	EOL	Z1	✓		✓	✓	
ZONE 2							
BY FRONT ENTRANCE	M2	Z2	✓		✓	✓	MS-401
BY MENS WASHROOM	M	Z2	✓		✓	✓	270-SPO
BY MEMBERS ENTRANCE	M	Z2	✓		✓	✓	270-SPO
JANITORS ROOM	RHT2	Z2	✓		✓	✓	CR135
GENERAL OFFICE EAST	S	Z2	✓		✓	✓	C2W-BA. 2.4%.
FILE ROOM	S	Z2	✓		✓	✓	C2W-BA. 2.4%
LOCKER ROOM	RHT	Z2	✓		✓	✓	281A.
UNDER STAIRS IN MENS WASHROOM	RHT	Z2	✓		✓	✓	281A.
BY MEMBERS ENTRANCE	EOL	Z2	✓				
HALL BY WASHROOM	RHT2	Z2	✓		✓	✓	5601A
MEMBERS ENTRANCE VESTIBULE	RHT2	Z2	✓		✓	✓	5601A
ZONE 3							
CELL AREA	M	Z3	✓		✓	✓	270-SPO

Location	Device (See Legend)	Zone Circuit Number or Address	Correctly Installed	Requires Service	Alarm Operation Confirmed	Annunciation Indication Confirmed	Remarks / Required Additional Readings
OUTER EXHIBIT ROOM	S	Z3	✓		✓	✓	C2W-BA. 2.4%
INNER EXHIBIT ROOM	S	Z3	✓		✓	✓	C2W-BA. 2.4%
WEST HALL	S	Z3	✓		✓	✓	C2W-BA. 2.4%
GARAGE	M	Z3	✓		✓	✓	270-SPO
GYM	HT	Z3	✓		✓	✓	284A. O1
GARAGE	HT	Z3	✓		✓	✓	284A. O1
INTERVIEW ROOM	RHT2	Z3	✓		✓	✓	5601A. O2
INNER SHOWER / STORAGE ROOM	S	Z3	✓		✓	✓	C2W-BA. 2.4%
EAST HALL	S	Z3	✓		✓	✓	C2W-BA. 2.4%
FINGER PRINT ROOM	S	Z3	✓		✓	✓	C2W-BA. 2.4%
GYM	M	Z3	✓		✓	✓	270-SPO
CELL AREA	EOL	Z3	✓				
ZONE 4 MEZZANINE & ATTIC							
STAIRS	S	Z4	✓		✓	✓	C2W-BA. 2.6%
ROOM AT TOP OF STAIRS	HT	Z4	✓		✓	✓	284A. O1
MECHANICAL ROOM	HT	Z4	✓		✓	✓	284A. O1
LONG TERM EXHIBIT ROOM	HT	Z4	✓		✓	✓	284A. O1
ATTIC EAST	HT	Z4	✓		✓	✓	284A. O1
ATTIC WEST	HT	Z4	✓		✓	✓	284A. O1
BY STAIRS	M	Z4	✓		✓	✓	270-SPO
STAIRS	EOL	Z4	✓				
ZONE 5 RETURN AIR FAN							
RETURN FAN	DS	Z5	✓		✓	✓	A5180
MEZ MECHANICAL ROOM	EOL	Z5	✓				
ZONE 6 SUPPLY FAN							
SUPPLY FAN 1	DS	Z6	✓		✓	✓	A5180
MEZZ MECHANICAL ROOM	EOL	Z6	✓				
ZONE 2 SUPPLY FAN 2							
SUPPLY FAN 2	DS	Z7	✓		✓	✓	A5180
MEZZ MECHANICAL ROOM	EOL	Z7	✓				
FRONT ENTRANCE VESTIBULE	M3	Z2	✓		✓	✓	MS-710.

ADDITIONAL: E2.4 POWER SUPPLY INSPECTION

(Reference: Clauses 5.1.3, 5.3.1)

Control Unit or Transponder Location CELL AREA GUARDS DESK
 Control Unit or Transponder Identification CELL AREA FACP MIRCOM FA-101T
 Power Supply Disconnect Location & Identification MEZZANINE MECHANICAL ROOM PANEL PP CCT#24.

	YES	NO	N/A
A. Fused in accordance with the manufacturer's marked rating of the system.	✓		
B. Adequate to meet the requirements of the system.	✓		

ADDITIONAL: E2.5 EMERGENCY POWER SUPPLY TEST AND INSPECTION

(Reference: Clauses 5.1.3, 5.3.2, 5.3.3)

Control Unit or Transponder Location CELL AREA GUARDS DESK
 Control Unit or Transponder Identification CELL AREA FACP MIRCOM FA-101T
 Currently Installed Battery Size: 7.2 Ah

	YES	NO	N/A
A. Correct Battery type as recommended by manufacturer.	✓		
B. Correct battery rating as determined by battery calculations based on full system load.	✓		
C. Battery Voltage with Main Power Supply on.		<u>26.8</u>	V dc
D. Battery voltage and current with main power supply 'OFF' and fire alarm system in supervisory condition.		<u>26.49</u>	Vdc
		<u>0.066</u>	Amps
E. Battery voltage and current with main power supply 'OFF' and fire alarm system in full load alarm condition.		<u>25.43</u>	Vdc
		<u>0.25</u>	Amps
F. Charging current.		<u>0.015</u>	Amps
G. Physical damage.		✓	
H. Terminals cleaned and lubricated.	✓		
I. Terminals clamped tightly.	✓		
J. Correct electrolyte level.			✓
K. Specific gravity of electrolyte is within manufacturer's specifications.			✓
L. Electrolyte leakage.		✓	
M. Adequate ventilation.	✓		
N. Battery manufacturer's date code or in-service date.		Date: <u>JAN. 2021</u>	
O. Disconnection causes a trouble signal.	✓		
P. Indicate type of battery test performed. (choose one)			
(i) Required supervisory load for 24 hours followed by the required full load operation; or			
(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			
(iii) Silent accelerated test. (Refer to Appendix F2, Silent Accelerated Test); or			
(iv) A battery capacity meter test. (Refer to Appendix F3, Battery Capacity Meter Test); or	✓		
(v) In lieu of the above battery tests, replace the battery with a new set having a current date code, amp hour capacity, and of a type as recommended by the manufacturer of the fire alarm system.			
Battery #1: <u>62</u> % of Capacity			
Battery #2: <u>68</u> % of Capacity			
Q. Record calculated battery capacity. (Refer to Appendix F4.1-C)		<u>2 605</u>	Ah
R. Record battery terminal voltage after completion of tests.		<u>25.73</u>	V dc
S. Battery voltage not less than 85% of its rating after the tests.	✓		
T. Generator provides power to the AC circuit serving the fire alarm system.			✓
U. Trouble condition at the emergency generator shall result in an audible common trouble signal and a visual indication at the required annunciator.			✓

