

C3 FIELD DEVICE RECORD

(Reference: Clause 6.1 6)

C6.1 FIELD DEVICE TESTING - LEGEND & NOTES

(Reference: Clauses 6.7.4.1.3, 6.7.4.1.4, 6.7.4.1.5, 6.7.4.3.1, 6.7.4.5.1, 6.7.8.1.1, 6.7.8.2.2, 6.7.8.2.4)

DEVICE	DESCRIPTION	MANUFACTURER	MODEL NO.
M	Manual Station	EDWARDS	270-SPO
M2	Manual Station	EDWARDS	275C
M3	Manual Station		
RHT	Rate of Rise Heat Detector		281A
RHT2	Rate of Rise Heat Detector		5601A
RHT3	Rate of Rise Heat Detector		282A
HT	Fixed Temperature Heat Detector		283C
HT2	Fixed Temperature Heat Detector		
HT3	Fixed Temperature Heat Detector		
S	Smoke Detector	SYSTEM SENSOR	C2W-BA
	Sensitivity Test Method:		
	Sensitivity Range:		
S2	Smoke Detector	EST	EDW2151A
	Sensitivity Test Method:		
	Sensitivity Range:		
S3	Smoke Detector		
	Sensitivity Test Method:		
	Sensitivity Range:		
RI	Remote Indicator		
DS	Duct Smoke Detector	SYSTEM SENSOR	2D-A
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	MIRCOM	
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		EOL-P1
EOL2	End of Line Resistor/Capacitor		
RHT4	Rate of Rise Heat Detector		CR135

BUILDING NAME:	RCMP VIRDEN DETACHMENT
BUILDING ADDRESS:	541 KING ST. VIRDEN MB.
DATE:	FEB. 17,2022

C3.2 INDIVIDUAL DEVICE RECORD

(Reference: Clauses 6.7.1.3, C3.1)

Location	Device (See Legend)	Zone Circuit Number or Address	Correctly Installed	Requires Service	Alarm Operation Confirmed	Output Circuit Operation Confirmed	Annunciation Indication Confirmed	Reading / Measurement (Sensitivity, Pressure, Time Delay, etc)	Remarks / Required Additional Notes
MAIN ENTRANCE VESTIBULE	FACP	MIRCOM FX-1008KA	✓		✓	✓	✓		O3.
CELL AREA GUARDS DESK	FACP	EST FSP502	✓		✓	✓	✓		ZONE 8 ON MAIN FACP
CRAWLSPACE ZONE 1:									
ENTRANCE N/E	RHT	Z1	✓		✓	✓	✓		
MID-NORTH	RHT	Z1	✓		✓	✓	✓		
CENTRE	RHT	Z1	✓		✓	✓	✓		
CENTRE SOUTH	RHT	Z1	✓		✓	✓	✓		
N/W	RHT	Z1	✓		✓	✓	✓		
SOUTH	RHT	Z1	✓		✓	✓	✓		
CENTRE SOUTH	EOL	Z1	✓		✓	✓			
ADMIN. ZONE 2:									
BY FRONT ENTRANCE	M2	Z2	✓		✓	✓	✓		
HALL BY INTERVIEW ROOM	M	Z2	✓		✓	✓	✓		
WEST STAFF ENTRANCE	M2	Z2	✓		✓	✓	✓		
JANITORS ROOM	RHT3	Z2	✓		✓	✓	✓		
EAST GENERAL OFFICE	S	Z2	✓		✓	✓	✓	2.6%	
SERVICE CLOSET IN MENS WASHROOM	RHT	Z2	✓		✓	✓	✓		
WEST GENERAL OFFICE	RHT	Z2	✓		✓	✓	✓		
FILES / STORAGE ROOM	S	Z2	✓		✓	✓	✓	2.4%	
LAN ROOM	S	Z2	✓		✓	✓	✓	2.6%	
LUNCHROOM	RHT2	Z2	✓		✓	✓	✓		
WEST STAFF ENTRANCE	EOL	Z2	✓		✓	✓			
BACK AREA ZONE 3:									
INNER EVIDENCE ROOM	S	Z3	✓		✓	✓	✓	2.4%	
OUTER EVIDENCE ROOM	S	Z3	✓		✓	✓	✓	2.6%	
CELL AREA EAST HALL BY GUARDS ROOM	S	Z3	✓		✓	✓	✓	2.4%	
CELL AREA WEST HALL	S	Z3	✓		✓	✓	✓	2.6%	
GARAGE	RHT2	Z3	✓		✓	✓	✓		
GYM	M2	Z3	✓		✓	✓	✓		
GYM	RHT3	Z3	✓		✓	✓	✓		O2. DEVICE CIRCIUT TESTED.
GYM STORAGE ROOM	RHT3	Z3	✓		✓	✓	✓		
STORAGE ROOM	S	Z3	✓		✓	✓	✓	2.6%	
GYM	EOL	Z3	✓		✓	✓			
WEST CELL AREA EXIT VESTIBULE	S2	Z3	✓		✓	✓	✓		
ATTIC & MEZZANINE ZONE 4:									
TOP OF STAIRS	M2	Z4	✓		✓	✓	✓		
TOP OF STAIRS	S	Z4	✓		✓	✓	✓	2.4%	

Location	Device (See Legend)	Zone Circuit Number or Address	Correctly Installed	Requires Service	Alarm Operation Confirmed	Output Circuit Operation Confirmed	Annunciation Indication Confirmed	Reading / Measurement (Sensitivity, Pressure, Time Delay, etc)	Remarks / Required Additional Notes
LOCKER ROOM	RHT	Z4	✓		✓	✓	✓		
MECHANICAL ROOM	HT	Z4	✓		✓	✓	✓		O2. DEVICE CIRCUIT TESTED.
MEZZ. STORAGE ROOM	RHT4	Z4	✓		✓	✓	✓		
ATTIC WEST	RHT3	Z4	✓		✓	✓	✓		
ATTIC EAST	RHT3	Z4	✓		✓	✓	✓		
BY TOP OF STAIRWELL	EOL	Z4	✓		✓	✓			
RETURN AIR DUCT ZONE 5:									
	DS	Z5	✓		✓	✓	✓		
	EOL	Z5	✓		✓	✓			
SUPPLY AIR DUCT 2 ZONE 6:									
	DS	Z6	✓		✓	✓	✓		
	EOL	Z6	✓		✓	✓			
SUPPLY AIR DUCT 1 ZONE 7:									
	DS	Z7	✓		✓	✓	✓		
	EOL	Z7	✓		✓	✓			
CELL AREA ZONE 8:									
FINGERPRINT ROOM	S2	Z8	✓		✓	✓	✓		O1
CELL 4	S2	Z8	✓		✓	✓	✓		O1
CELL 3	S2	Z8	✓		✓	✓	✓		O1
CELL 2	S2	Z8	✓		✓	✓	✓		O1
CELL1	S2	Z8	✓		✓	✓	✓		O1
GUARDS ROOM	EOL	Z8	✓		✓	✓			
GUARDS ROOM	M2	Z8	✓		✓	✓	✓		
SIGNALS NAC1:									
MECHANICAL ROOM	EOL	NAC1	✓		✓	✓			
MECHANICAL ROOM	B	NAC1	✓		✓	✓			
CELL AREA GUARDS ROOM	H	NAC1		x					D3
GARAGE	B	NAC1	✓		✓	✓			
GYM	B	NAC1	✓		✓	✓			
BY ROOM 7	B	NAC1	✓		✓	✓			
GENERAL OFFICE	B	NAC1	✓		✓	✓			
ATTIC	B	NAC1	✓		✓	✓			

ADDITIONAL: C2.4 POWER SUPPLY INSPECTION

(Reference: Clauses 6.1.3, 6.3.1)

Control Unit or Transponder Location CELL AREA GUARDS ROOM
 Control Unit or Transponder Identification EST FSP502
 Power Supply Disconnect Location & Identification 2ND FLR. MECH. RM. FEDERAL PIONEER PANEL CCT F/A

	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.	✓		
C. Where power isolation modules are installed in a power distribution riser serving field devices, wiring shall be shorted on the isolated side, annunciation of the fault confirmed, and then a device on the source side shall be operated, and activation confirmed at the control unit or transponder.	✓		

ADDITIONAL: C2.5 EMERGENCY POWER SUPPLY TEST AND INSPECTION

(Reference: Clauses 6.1.3, 6.3.2, 6.3.3)

Control Unit or Transponder Location CELL AREA GUARDS ROOM
 Control Unit or Transponder Identification EST FSP502
 Currently Installed Battery Size: 5 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.		x	
C. Battery Voltage with Main Power Supply on.			<u>28.08</u> V dc
D. Battery voltage and current with main power supply 'OFF' and fire alarm system in supervisory condition.			<u>26.54</u> Vdc <u>0.295</u> Amps
E. Battery voltage and current with main power supply 'OFF' and fire alarm system in full load alarm condition.			<u>25.69</u> Vdc <u>0.39</u> Amps
F. Charging current on a fully charged battery.			<u>0.15</u> Amps
G. Free of 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. Free of Electrolyte leakage.	✓		
M. Adequate ventilation.	✓		
N. Battery manufacturer's date code or in-service date.			Date: <u>APR L 2021</u>
O. Disconnection causes a trouble indication	✓		
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.			
Q. Record calculated battery capacity. (Refer to Appendix F4.1-C)			<u>9 09375</u> Ah
R. Record battery terminal voltage after completion of tests.			<u>27.86</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.			✓

