

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	MIRCOM	MS-401
M2	Manual Station	EDWARDS	270-SPO
M3	Manual Station		
RHT	Rate of Rise Heat Detector		5601A
RHT2	Rate of Rise Heat Detector		
RHT3	Rate of Rise Heat Detector		
HT	Fixed Temperature Heat Detector	EDWARDS	283A
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	SYSTEM SENSOR	1451A
	Sensitivity Test Method:		
	Sensitivity Range:		
S3	Smoke Detector	EST	EDW2151A
	Sensitivity Test Method:		
	Sensitivity Range:		
RI	Remote Indicator		
DS	Duct Smoke Detector		
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	6" BELL
B2	Bell		
H/V	Horn/Visual		
H/V2	Horn/Visual		
H	Horn	EDWARDS	881D
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		

BUILDING NAME:	RCMP WASAGAMING DETACHMENT
BUILDING ADDRESS:	101 FOX ST. WASAGAMING MB.
DATE:	THURSDAY MARCH 3,2022

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
GENERAL OFFICE MAIN ENTRANCE	FACP	MIRCOM FA-204E	✓		✓	✓	✓		
DEVICES :									
GENERAL OFFICE AREA ZONE 2									
GENERAL OFFICE WASHROOM	HT	Z2	✓		✓	✓	✓		O1
HALL BY WASHROOM	S	Z2	✓		✓	✓	✓	2.4%	
GENERAL OFFICE	S	Z2	✓		✓	✓	✓	2.4%	
MAIN ENTRANCE	M2	Z2	✓		✓	✓	✓		
BY BASEMENT STAIRS	M2	Z2	✓		✓	✓	✓		
JANITORS ROOM	RHT	Z2	✓		✓	✓	✓		
BY BASEMENT STAIRS	S	Z2	✓		✓	✓	✓	2.4%	
JANITORS ROOM	EOL	Z2	✓		✓	✓	✓		
CELL AREA ZONE 4									
CELL AREA HALL	S2	Z4	✓		✓	✓	✓		EDW2151A
INTERVIEW ROOM	S	Z4	✓		✓	✓	✓	2.6%	
GUARDS DESK	M2	Z4	✓		✓	✓	✓		
STORAGE AT GUARDS DESK	S	Z4	✓		✓	✓	✓	2.4%	
GARAGE	HT	Z4	✓		✓	✓	✓		O1
REAR EXIT	M2	Z4	✓		✓	✓	✓		
REAR EXIT	EOL	Z4	✓		✓	✓			
2ND FLOOR ZONE 3									
TOP OF STAIRS	S	Z3	✓		✓	✓	✓	2.6%	
TOP OF STAIRS	M2	Z3	✓		✓	✓	✓		
KITCHEN	S	Z3	✓		✓	✓	✓	2.4%	
EXERCISE ROOM	S	Z3	✓		✓	✓	✓	2.4%	
WEIGHT ROOM	S	Z3	✓		✓	✓	✓	2.4%	
TOP OF STAIRS	EOL	Z3	✓		✓	✓			
BASEMENT & CRAWLSPACE ZONE 1									
BY MECHANICAL ROOM	RHT	Z1	✓		✓	✓	✓		
OFFICE	HT	Z1	✓		✓	✓	✓		O1
MECHANICAL ROOM	HT	Z1	✓		✓	✓	✓		O1
OUTER EXHIBIT ROOM	S	Z1	✓		✓	✓	✓	2.4%	
INNER EXHIBIT ROOM	S	Z1	✓		✓	✓	✓	2.4%	
HALL BY MECHANICAL ROOM	M	Z1	✓		✓	✓	✓		
CRAWLSPACE	HT	Z1	✓		✓	✓	✓		O1
CRAWLSPACE	EOL	Z1	✓		✓	✓			
SIGNALS : NAC1									
CELL HALL	B	NAC1	✓		✓	✓			

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
GENERAL OFFICE	B	NAC1	✓		✓	✓			
2ND FLOOR	B	NAC1	✓		✓	✓			
BASEMENT	B	NAC1	✓		✓	✓			
CELL HALL	EOL	NAC1	✓		✓	✓			
CELLS FACP	FACP	MICROM FA-101T	✓		✓	✓	✓		
CELL1	S2	Z1	✓		✓	✓	✓		O2
CELL2	S2	Z1	✓		✓	✓	✓		O2
BREATHALIZER ROOM	S2	Z1	✓		✓	✓	✓		O2
CELL HALL	EOL	Z1	✓		✓	✓			
SIGNALS : NAC1									
GUARDS DESK	H	NAC1	✓		✓	✓			
GUARDS DESK	EOL	NAC1	✓		✓	✓			

ADDITIONAL: C2.4 POWER SUPPLY INSPECTION

(Reference: Clauses 6.1.3, 6.3.1)

Control Unit or Transponder Location CELL AREA
 Control Unit or Transponder Identification MIRCOM FA-101T
 Power Supply Disconnect Location & Identification CELL AREA PANEL B CCT3.

	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
 Control Unit or Transponder Identification MIRCOM FA-101T
 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.	✓		
C. Battery Voltage with Main Power Supply on.			<u>26.86</u> V dc
D. Battery voltage and current with main power supply 'OFF' and fire alarm system in supervisory condition.			<u>26.65</u> Vdc <u>0.12</u> Amps
E. Battery voltage and current with main power supply 'OFF' and fire alarm system in full load alarm condition.			<u>24.98</u> Vdc <u>0.229</u> Amps
F. Charging current on a fully charged battery.			<u>0.09</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>AUG. 2020</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>3.743125</u> Ah
R. Record battery terminal voltage after completion of tests.			<u>25.86</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.			✓

Battery #1: 69 % of Capacity
 Battery #2: 62 % of Capacity

BUILDING NAME:	RCMP WASAGAMING DETACHMENT	
BUILDING ADDRESS:	101 FOX ST. WASAGAMING MB.	
DATE:	THURSDAY MARCH 3,2022	
TEST NG PERFORMED BY:		

Printed Name

Signature

EXIT AND EMERGENCY LIGHTING TEST AND INSPECTION RECORD

Legend: BP = Battery Pack, 1BP = BP w/ 1 Head, 2BP = BP w/ 2 Heads, CP = Combo Pack, RH1 = Single Remote Head, RH2 = Dual Remote Head, ES = Exit Sign

Location	Unit Type (See Legend)	Unit Primary Voltage (VAC)	Rated Unit Emergency Voltage (VDC)	Unit Size (Watts)	Requires Service damaged, poor light, battery condition	Operation Confirmed	Heads properly aligned	Exit direction indicators correct	Duration of Test Time (minutes)	Test Time Result ✓ = Pass, ✗ = Fail	Remarks / Deficiencies / Corrective Action
GENERAL OFFICE BY WASHROOM	2BP	12		360W		✓	✓		30	✓	CHUBBEDWARDS EDW360C2-9WT. BATTERY 1-12V 35AH.
GENERAL OFFICE	RH2					✓	✓			✓	
2ND FLOOR STAIRS	RH1					✓	✓			✓	
CELL AREA DESK	RH1					✓	✓			✓	
CELL AREA EXIT	ES					✓		✓		✓	
CELL AREA HALL	RH1					✓	✓			✓	
GARAGE	RH2					✓	✓			✓	
FRONT RECEPTION	RH1					✓	✓			✓	
BOTTOM OF BASEMENT STAIRS	RH2					✓	✓			✓	
BASEMENT HALL BY MECHANICAL ROOM	RH2					✓	✓			✓	
OFFICE HALL BY WASHROOM	RH1					✓	✓			✓	
MAIN ENTRANCE	ES					✓		✓		✓	
OFFICE BACK EXIT	ES					✓		✓		✓	