

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	MIRTONE	73304
M2	Manual Station	MIRCOM	MS-402
M3	Manual Station	EDWARDS	270-GAO
RHT	Rate of Rise Heat Detector	EDWARDS	CR-135
RHT2	Rate of Rise Heat Detector	EDWARDS	5601A
RHT3	Rate of Rise Heat Detector		
HT	Fixed Temperature Heat Detector	EDWARDS	CF-135
HT2	Fixed Temperature Heat Detector		
HT3	Fixed Temperature Heat Detector		
S	Smoke Detector	SYSTEM SENSOR	C2WBA
	Sensitivity Test Method:		
	Sensitivity Range:		
S2	Smoke Detector	NOTIFIER	
	Sensitivity Test Method:		
	Sensitivity Range:		
S3	Smoke Detector		
	Sensitivity Test Method:		
	Sensitivity Range:		
RI	Remote Indicator		
DS	Duct Smoke Detector	SYSTEM SENSOR	D2A
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-10AWC
B2	Bell	EDWARDS	439-6AWC
H/V	Horn/Visual		
H/V2	Horn/Visual		
H	Horn		
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	EDWARDS	EOL-P1
EOL2	End of Line Resistor/Capacitor		

BUILDING NAME:	RCMP The Pas
BUILDING ADDRESS:	355 Fischer Ave, The Pas, MB
DATE:	THURSDAY MARCH 31,2022

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
PANELS:									
BASEMENT SOUTH ELEC RM	FAP	NODE 1	✓		✓	✓	✓		MIRCOM FA-1008K.
MAIN ENTRANCE	ANN	NODE 2	✓		✓	✓	✓		MIRCOM RA-1000.
CELL AREA GUARDS DESK	FAP	NODE 3	✓		✓	✓	✓		NOTIFIER NFS-320C O2
DEVICES:									
GENERAL OFFICE N/W	S	1	✓		✓		✓	2.4%	
EXHIBIT ROOM WEST	S	1	✓		✓		✓	2.6%	
EXHIBIT ROOM EAST	S	1	✓		✓		✓	2.4%	
OUTER EXHIBIT LOCKER	S	1	✓		✓		✓	2.4%	
INNER EXHIBIT LOCKER	S	1	✓		✓		✓	2.4%	
FRONT EXHIBIT ROOM	S	1	✓		✓		✓	2.4%	
FILES ROOM NORTH	S	1	✓		✓		✓	2.6%	
FILES ROOM SOUTH	S	1	✓		✓		✓	2.4%	
FRONT ENTRANCE	M	1	✓		✓		✓		
LAN ROOM	RHT	1	✓		✓		✓		
EXIT BY LUNCH ROOM	M	1	✓		✓		✓		
EXIT BY IDENTIFICATION SECTION	M	1	✓		✓		✓		
JANITORS ROOM BY STAFF ROOM	RHT	1	✓		✓		✓		
PPE STORAGE ROOM	RHT2	1	✓		✓		✓		
FIS DARK ROOM	RHT	1	✓		✓		✓		
FIS STORAGE ROOM	RHT	1	✓		✓		✓		
HALL BY LITE BULB STORAGE ROOM	S	1	✓		✓		✓	2.4%	
HALL BY JANITORS ROOM BY LUNCH ROOM	S	1	✓		✓		✓	2.4%	
HALL BY AREA FIRE ARMS OFFICE	S	1	✓		✓		✓	2.6%	
HALL BY PANELS EMC-H-D	S	1	✓		✓		✓	2.4%	
HALL BY OFFICE 8787	S	1	✓		✓		✓	2.4%	
GIS EXHIBIT GI SECTION LOCKERS	RHT2	1	✓		✓		✓		
HALL BY WOMENS WASHROOM	S	1	✓		✓		✓	2.4%	
BY ROOM 6201	S	1	✓		✓		✓	2.4%	
BY ROOM 6205	S	1	✓		✓		✓	2.4%	
TRAFFIC SERVICES OFFICE	RHT2	1	✓		✓		✓		
FIS LAB	RHT	1	✓		✓		✓		
BY ROOM 225	EOL	1	✓						
S/E STAIRWELL	S	2	✓		✓		✓	2.6%	
BY STAIR FOYER	EOL	2	✓						
N/E STAIRWELL	S	3	✓		✓		✓	2.6%	
BY STAIR FOYER	EOL	3	✓						
LAWYER VISITATION ROOM	S	4	✓		✓		✓	2.4%	
PRISONER VISITATION ROOM	S	4	✓		✓		✓	2.4%	
GARAGE 2	EOL	4	✓						
GARAGE 1	M3	4	✓		✓		✓		
GARAGE 1	HT	4	✓		✓		✓		O1
GARAGE 2	M	4	✓		✓		✓		
GARAGE 2	HT	4	✓		✓		✓		O1
GARAGE BAY CELL AREA	HT	4	✓		✓		✓		O1
GARAGE BAY CELL AREA	M	4	✓		✓		✓		
JANITORS ROOM	S	4	✓		✓		✓	2.4%	
HALL EXIT BY CELL 1	M	4	✓		✓		✓		
HALL EXIT BY CELL 3	S	4	✓		✓		✓	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
CELL HALL BY LAUNDRY ROOM	S	4	✓		✓		✓	2.4%	
CELL AREA LAUNDRY ROOM	S	4	✓		✓		✓	2.6%	
FINGERPRINT ROOM	S	4	✓		✓		✓	2.6%	
HALL EXIT BY CELL 5	M2	4	✓		✓		✓		
BACK ROOM AREA MECHANICAL ROOM	M	4	✓		✓		✓		
PRISONER STORAGE BIN ROOM	S	4	✓		✓		✓	2.4%	
BREATHALIZER ROOM	S	4	✓		✓		✓	2.4%	
PIPERUN ROOM BY CELL 7	RHT2	4	✓		✓		✓		
BACK AREA MECHANICAL ROOM	HT	4	✓		✓		✓		O1
PIPERUN ROOM BY CELL 3	RHT2	4	✓		✓		✓		
GUARDS WASHROOM	S	4	✓		✓		✓	2.4%	
GUARDS DESK	S	4	✓		✓		✓	2.4%	
CELL AREA INTERVIEW ROOM	S	4	✓		✓		✓	2.4%	
CELL AREA HALL BY CELL 7	S	4	✓		✓		✓	2.4%	
CELL AREA HALL BY CELL 5	S	4	✓		✓		✓	2.4%	
PIPERUN ROOM BY CELL 4	RHT2	4	✓		✓		✓		
PIPERUN ROOM BY CELL 6	RHT2	4	✓		✓		✓		
CELL AREA STORAGE ROOM BY CELL 4	S	4	✓		✓		✓	2.4%	
PIPERUN ROOM BY CELL 5	RHT2	4	✓		✓		✓		
ELECTRICAL ROOM	S	5	✓		✓		✓		
GENERATOR ROOM	HT	5							
STORAGE ROOM / BOOTS BY S/E STAIRS	RHT	5	✓		✓		✓		
MECHANICAL ROOM SOUTH	HT	5	✓		✓		✓		O1
MECHANICAL ROOM NORTH BY N/E STAIRS	HT	5	✓		✓		✓		O1
BY N/E STAIRS	M	5	✓		✓		✓		
STORAGE UNDER RAMP	RHT	5	✓		✓		✓		
RAMP	M2	5	✓		✓		✓		
BY N/E STAIRS	EOL	5	✓						
PARKADE N/E SCUBA ROOM	RHT	5	✓		✓		✓		
MAIN ROOM OFFICE SUPPLY DUCT	DS	6	✓		✓		✓		
MECHANICAL ROOM	EOL	6	✓						
PARKADE	DS	7	✓		✓		✓		
PARKADE	DS	7	✓		✓		✓		
MECHANICAL ROOM	EOL	7	✓						
BACK AREA DUCT	DS	8	✓		✓		✓		
BACK MECHANICAL ROOM	EOL	8	✓						
SPRINKLER FLOW	FS	9							R1
PARKADE	EOL	9	✓						
ATTIC	HT	10	✓		✓		✓		O1
ATTIC	HT	10	✓		✓		✓		O1
ATTIC	HT	10	✓		✓		✓		O1
ATTIC	HT	10	✓		✓		✓		O1
ATTIC	EOL	10	✓						
GENERAL ALARM	GA	11	✓		✓		✓		
GARAGE 2	EOL	11	✓						
CELL 1	S2	12	✓		✓		✓		O3
CELL 2	S2	12	✓	x	✓		✓		D1,O3
CELL 3	S2	12	✓		✓		✓		O3
CELL 4	S2	12	✓		✓		✓		O3
CELL 5	S2	12	✓	x	✓		✓		D1,O3
CELL 6	S2	12	✓		✓		✓		O3
CELL 7	S2	12	✓		✓		✓		O3
SPRINKLER TAMPER	TS	15							R1
PARKADE	EOL	15							
SPRINKLER LOW PRESSURE	LP	16							R1
PARKADE	EOL	16							
SIGNALLING:									

ADDITIONAL: C2.6 ANNUNCIATOR AND REMOTE TROUBLE SIGNAL UNIT TEST AND INSPECTION

(Reference: Clauses 5.1.4, 5.4.1)

Annunciator or remote trouble signal unit location: CELL AREA GUARDS DESK
 Annunciator or remote trouble signal unit identification: NODE 3

	YES	NO	N/A
A. Power 'ON' indicator operates.	✓		
B. Individual alarm and supervisory input zone clearly indicated and separately designated.	✓		
C. Individual alarm and supervisory input zone designation labels are properly identified.	✓		
D. Where active and supporting field devices are utilized, device labels shall be confirmed to correspond with actual field location.	✓		
E. Common trouble signal operates.	✓		
F. Visual indicator test (lamp test) operates.	✓		
G. Input wiring from control unit or transponder is supervised.			✓
H. Alarm signal silence visual indicator operates.	✓		
I. Switches for ancillary functions operate as per design and specification, or in accordance with documentation as detailed in Appendix E, Description of Fire Alarm System for Inspection and Test Procedures.			✓
J. Other ancillary functions visual indicators operate.			✓
K. Manual activation of alarm signal and indication operates.			✓
L. Displays are visible in installed location.	✓		
M. Operates on emergency power.	✓		
N. Multi-line sequential display operates as per Clause 6.4.1(N), where utilized.	✓		

ADDITIONAL: C2.7 ANNUNCIATORS OR SEQUENTIAL DISPLAYS

(Reference: Clauses 6.1.4, 6.4.2)

Annunciator or remote trouble signal unit location: CELL AREA GUARDS DESK
 Annunciator or remote trouble signal unit identification: NODE 3

	YES	NO	N/A
A. Power on indicator operates	✓		
B. Individual alarm and supervisory zone indication operates.	✓		(see exception)
<i>Exception:</i> Operation of each individual alarm & supervisory zone indication gives the identical indication, or lights the identical indicators at the other annunciator(s), and sequential display(s). Specify method of confirmation: _____ Minimum of one alarm zone and one supervisory zone tested per annunciator or sequential display to confirm operation.			
C. Individual alarm and supervisory input zone designation labels are properly identified.	✓		
D. Where active and supporting field devices are utilized, device labels shall be confirmed to correspond with actual field location.	✓		
E. Common trouble signal operates.	✓		
F. Visual indicator test (lamp test) operates.	✓		
G. Input wiring from control unit or transponder is supervised.			✓
H. Alarm signal silence visual indicator operates.	✓		
I. Switches for ancillary functions operate as per design and specification, or in accordance with documentation as detailed in Appendix E, Description of Fire Alarm System for Inspection and Test Procedures.			✓
J. Ancillary functions visual indicators operate.			✓
K. Manual activation of alarm signal and indication operates.			✓
L. Displays are visible in installed location.	✓		

ADDITIONAL: C2.4 POWER SUPPLY INSPECTION

(Reference: Clauses 6.1.3, 6.3.1)

Control Unit or Transponder Location CELL AREA GUARDS DESK
 Control Unit or Transponder Identification NODE 3
 Power Supply Disconnect Location & Identification CELL AREA JANITOR RM. PANEL EMB CCT#6

	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 DESK
 Control Unit or Transponder Identification NODE 3
 Currently Installed Battery Size: 18 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>27.52 V dc</u>
D. Battery voltage and current with main power supply 'OFF' and fire alarm system in supervisory condition.			<u>26.63 Vdc</u> <u>0.01 Amps</u>
E. Battery voltage and current with main power supply 'OFF' and fire alarm system in full load alarm condition.			<u>25.26 Vdc</u> <u>0.004 Amps</u>
F. Charging current on a fully charged battery.			<u>0.086 Amps</u>
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>JUNE 2019</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.			
Battery #1: <u>18 % of Capacity</u>			
Battery #2: <u>17 % of Capacity</u>			
Q. Record calculated battery capacity. (Refer to Appendix F4.1-C)			<u>0.0525 Ah</u>
R. Record battery terminal voltage after completion of tests.			<u>25.28 V dc</u>
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.			

BUILDING NAME:	RCMP The Pas		
BUILDING ADDRESS:	355 Fischer Ave, The Pas, MB		
DATE:	THURSDAY MARCH 31,2022		
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
GENERATOR ROOM	CP	120	12			✓	✓		30	✓	BATTERIES 2x 6V 12Ah
ELECTRICAL ROOM	RH2					✓	✓				
MECHANICAL ROOM	CP	120	24		✗	✓	✓		30	✗	BATTERIES 2x 12V 7 2Ah D2
BY MECHANICAL ROOM	RH2					✓	✓				
BY S/E STAIRS	ES					✓		✓			
NEAR S/E STAIRS	ES					✓		✓			
PARKADE	RH2					✓	✓				
PARKADE	RH2					✓	✓				
BY N/E STAIRS	RH2					✓	✓				
BY N/E STAIRS	ES					✓		✓			
NEAR N/E STAIRS	ES					✓		✓			
PARKADE BY RAMP	RH2					✓	✓				
PARKADE BY RAMP	RH2					✓	✓				
N/E STAIRS	RH2					✓	✓				
S/E STAIRS	RH2					✓	✓				
BY S/E STAIRS	RH2					✓	✓				
PARKADE BY MECHANICAL ROOM	RH1					✓	✓				
JANITORS ROOM	BP	120	12			✓			30	✓	BATTERY 12V 33Ah
BY JANITORS ROOM	ES					✓		✓			
BY ROOM 225	RH2					✓	✓				
BY ROOM 225	ES					✓		✓			
BY ROOM 227	RH2					✓	✓				
ROOM 227	RH1					✓	✓				
BY ROOM 7	ES					✓		✓			
BY ROOM 8	RH2					✓	✓				
BY ROOM 9	ES					✓		✓			
BY ROOM 230	RH2					✓	✓				
ROOM 230	RH1					✓	✓				
BY ROOM 1	ES					✓		✓			
GARAGE	RH2					✓	✓				
BACK AREA MECHANICAL ROOM	RH2					✓	✓				
LUNCH ROOM	RH2					✓	✓				
ROOM 270 STORAGE	CP	120	12			✓	✓		30	✓	BATTERY 12V 33Ah
BY LUNCH ROOM	RH2					✓	✓				
BY LUNCH ROOM HALL	ES					✓		✓			
BY LUNCH ROOM EXIT	ES					✓		✓			
BY ROOM 3	RH2					✓	✓				
BY ROOM 220	RH2					✓	✓				
BY OFFICE	RH2					✓	✓				
BY OFFICE	ES					✓		✓			
BY ROOM 1	ES					✓		✓			
FRONT LOBBY	ES					✓		✓			
FRONT LOBBY	RH2					✓	✓				
BY WASHROOM	RH2					✓	✓				
ROOM 217	RH2					✓	✓				
BY ROOM 227	ES					✓		✓			
REAR EXIT	ES					✓		✓			
MENS LOCKER ROOM	RH2					✓	✓				
WOMENS LOCKER ROOM	RH1					✓	✓				
MENS WASHROOM	RH1					✓	✓				
WOMENS WASHROOM	RH1					✓	✓				
ROOM 225	RH1					✓	✓				
ROOM 225	RH1					✓	✓				