

Annual fire alarm system inspection report



Project Name : RCMP Falcon Lake Detachment

Reference : 5150864

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Measures relating to components
 Correctly Installed
 Missing
 Requires Service or Repairs
 Operation Confirmed
 Annunciation Indication Confirmed
 Supervision & Ground Fault Confirmed
 Observation / Recommendation / Note

Location	Device	Address								
MAIN ENTRANCE VESTIBULE	FACP	EST1			A			A	A	
ZONE 1 :										
GENERAL OFFICE AREA :										
FRONT ENTRANCE FOYER	M	270-SPO	1		A			A	A	
FRONT ENTRANCE FOYER	S	EDW1400A	1		A			A	A	O2
FILE ROOM	S	EDW1400A	1		A			A	A	O2
LADIES WASHROOM	RHT	281C	1		A			A	A	
MENS WASHROOM	RHT	281C	1		A			A	A	
JANITORS CLOSET	RHT	281C	1		A			A	A	
INTERVIEW ROOM	S	EDW1400A	1		A			A	A	O2
KITCHEN	RHT	281C	1		A			A	A	
REAR EXIT OFF OF KITCHEN	M	270-SPO	1		A			A	A	
CENTER OF GENERAL OFFICE	S	EDW1400A	1		A			A	A	O2
TOP OF BASEMENT STAIRS	S	EDW1400A	1		A			A	A	O2
STORAGE / LOCKER ROOM	RHT	281C	1		A			A	A	
CORPORALS OFFICE	RHT	281C	1		A			A	A	
FRONT ENTRANCE FOYER	EOL	EOL-P1	1		A			A	A	
CELL AREA :										
HALL BY CELL 2	S	EDW1400A	1		A			A	A	O2
FRONT EXIT	M	270-SPO	1		A			A	A	
HALL BY PANEL C	M	270-SPO	1		A			A	A	O1
GUARDS DESK AREA	S	EDW1400A	1		A			A	A	O2
JANITORS ROOM	RHT		1		A			A	A	
HALL BY PANEL C	S	EDW1400A	1		A			A	A	O2
FURNACE ROOM	HT		1		A			A	A	O4
CELL AREA PHONE ROOM	S	EDW1400A	1		A			A	A	O2
LOCKER CLOSET	S	EDW1400A	1		A			A	A	O2
FINGERPRINT ROOM	S	EDW1400A	1		A			A	A	O2
GUARDS WASHROOM	S	EDW1400A	1		A			A	A	O2
JAIL CELLS :										
CELL 3	S	EDW1400A	1		A			A	A	O2,O3
CELL3	RELAY				A			A	A	
CELL 2	S	EDW1400A	1		A			A	A	O2,O3
CELL 2	RELAY				A			A	A	
CELL 1	S	EDW1400A	1		A			A	A	O2,O3
CELL 1	RELAY				A			A	A	
ZONE 2 :										
BASEMENT :										
OUTER EVIDENCE ROOM	S	EDW1400A	2		A			A	A	O2

C3.1 Field device testing - Legend

(Ref: 6.7.4.1.3-5.6.7.4.3.1.6.7.4.5.1.6.7.8.1.1.6.7.8.2.2.6.7.8.2.4)

Device Type : B (Bell) Total = 6

439D-10AWC Qty : 5 439D-6AWC Qty : 1

Device Type : EOL (End of line resistor) Total = 3

EOL-P1 Qty : 3

Device Type : HT (Non-restorable heat detector) Total = 1

Device Type : M (Manual pull station) Total = 4

270-SPO Qty : 4

Device Type : RHT (Restorable heat detector) Total = 11

281C Qty : 10

Device Type : S (Smoke detector) Total = 18

EDW1400A Qty : 18

Smoke detector sensitivity ranges

Model	Type	Sensitivity Range	Tools	Low	High
EC10U-3	Ionization	0.69-1.18%	C-PST	140-180mV	500-560mV
EC30U 3	Optical	1.38-3.08%	C PST	570-630mV	1450-1550mV
EC30DU-3	Optical	1.38-3.08%	N/A	N/A	N/A
C2M PD1	Photoelect	1.90-3.8%	Magnet	7 Flashes	4 Flashes
C2M-PDC1	Photoelect	1.90-3.8%	Magnet	7 Flashes	4 Flashes
EDW1151A	Ionization	0.8%	MOD400R	Measure and compare to label	
EWD2151A	Photoelect	1.8%	MOD400R	Measure and compare to label	
EDW1400A	Ionization	1.5%	MOD400R	Measure and compare to label	
EDW1451A	Ionization	1.5%	MOD400R	Measure and compare to label	
EDW2400A	Photoelect	1.4%	MOD400R	Measure and compare to label	
EDW2451A	Photoelect	1.4%	MOD400R	Measure and compare to label	
SD 2W	Photoelect	0.79-2.46%	N/A	Test meter not required	
ESD-4WSJ	Photoelect	0.67-2.46%	N/A	Test meter not required	
ESD SJ	Photoelect	0.67-2.46%	N/A	Test meter not required	
SIGA-IS	Ionization	0.7-1.6%	On-screen	Test meter not required	
SIGA IPHS	Multi element	1.0-3.5%	On screen	Test meter not required	
SIGA(2)-PS	Photoelect	1.0-3.5%	On-screen	Test meter not required	
SIGA PHS	Multi element	1.0-3.4%	On screen	Test meter not required	
SIGA-SD	Photoelect	0.79-2.46%	On-screen	Test meter not required	
EDW2151A	Ionization	N/A	On screen	Test meter not required	
EDW2251A	Photoelect	N/A	On-screen	Test meter not required	
EDW2400A	Ionization	N/A	On screen	Test meter not required	
EDW2451A	Photoelect	N/A	On-screen	Test meter not required	
EDW7251A	Photoelect	N/A	On screen	Test meter not required	

C3.1 Field device testing - Notes

(Ref: 6.7.4.1.3-5.6.7.4.3.1.6.7.4.5.1.6.7.8.1.1.6.7.8.2.2.6.7.8.2.4)

#Note	Description	Comment	Page
O1	MANUAL PULL STATION IS TOO HIGH. REQUIRES TO BE LOWERED BETWEEN 1400MM-1450MM.	Observation	1
O2	This detector is outdated and the device to be used for verification of its sensitivity don't exist anymore. We recommend replacement by an addressable or conventional detector with integrated verification of the sensitivity.	Observation	1,2
O3	DETECTOR COVERED BY TAMPERPROOF SECURITY CAGE	Observation	1

Annual emergency lighting system inspection report



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Location	Device		Brand	Information relating to components	Circuit Number	Proper Installation	Successful Test	Battery Fault	Defective Unit	Lamp Burned	Imperfection	Observation / Recommendation / Note
NORTH GENERAL OFFICE	2L	12RG100	Lumacell	Batteries 6V 12Ah X2	A	A						
FRONT ENTRANCE	1L				A	A						
FRONT ENTRANCE	EXIT				A	A						
KITCHEN	EXIT				A	A						
KITCHEN	1L				A	A						
CELL AREA HALLWAY	2L	12RG144	Lumacell	Batteries 6V 12Ah X2	A	A						
BY ADMIN.	EXIT				A	A						
BY CELL AREA HALL	EXIT				A	A						
BY CELL AREA HALL	2L				A	A						
BY CELL AREA	EXIT				A	A						
CELL AREA BACK HALL	EXIT				A	A						
CELL AREA ENTRANCE	EXIT				A	A						
TOP OF BASEMENT STAIRS	1L	12RG144	Lumacell	Batteries 6V 12Ah X2	A	A						
SOUTH GENERAL OFFICE	2L				A	A						
SOUTH GENERAL OFFICE EXIT	EXIT				A	A						
BASEMENT MAIN ROOM	2L	12RG144	Lumacell	Batteries 6V 12Ah X2	A	A						
BASEMENT BOTTOM OF STAIRS	2L				A	A						
FURNACE ROOM	1L				A	A						

Legend of Information relating to components : V = Voltage, W = Watt., A = Ampere, Ah = Ampere/Hours

The annual inspection includes a duration test of the batteries.
The monthly inspection includes a test of units and lamps only.(No duration test)

List of project visits

Visits Date

zney M02301V / 13-998 Inspection