



Fire & Safety EST. 1979
EQUIPMENT LIMITED
Équipements de feu et de Sécurité Industriel

800 Marion Street
Winnipeg, MB R2J 0K4
Phone: 204-233-6083 Fax: 204-237-5954
Toll Free 1-800-665-1250
www.abcfireandsafety.com

August 19th, 2013

General Council Winnipeg Community
1625 Logan Avenue
Winnipeg, Manitoba
R3E 1S8

RE: Annual Inspection of 1625 Logan Avenue in Winnipeg, Manitoba

Please find enclosed a copy of the inspection report, dated August 2nd, 2013 for the inspection performed on the Fire Alarm and Emergency Lighting System for the property noted above.

The current deficiencies found during this inspection are as follows:

Fire Alarm: ~~No deficiencies were found at the time of inspection.~~

Deficiency

Emergency Lighting: No deficiencies were found at the time of inspection.

This is the only printed copy of your inspection report. Additional copies are available for a fee of \$25.00 each.

If you have any questions please do not hesitate to call our office.

Sincerely,

Fire Alarm Division

enclosures



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FIRE ALARM SYSTEM TEST & INSPECTION REPORT

Do you have a city tie? If so, take the necessary steps to alert the Central Station / Fire Department. Do not use the Fire Department emergency telephone number.	Y
Name of fire signal receiving center / Fire Department	AAA Alarms
Phone number of fire signal receiving center / Fire Department	1-204-942-7586
Do you have auxiliary functions that can impair the building operations, such as elevator homing, fan shutdown, door holders, etc?	N/A
Can these be disabled and tested by groups?	N/A
Have building occupants been made aware of fire alarm testing?	Y
Has a pre-determined time been established for testing signalling devices?	Y
Have provisions been made for acquiring access to secured areas of the building?	Y
Has an alternative plan been established to alert building occupants and the local fire department should an actual fire condition occur during testing?	Y



FIRE ALARM SYSTEM TEST & INSPECTION REPORT

CONTROL UNIT or TRANSPONDER TEST

Control Unit or Transponder Location By North East Rear Entrance
Control Unit or Transponder Identification Mirtone

Power On visual indicator operates	Y
Common visual trouble signal operates	Y
Common audible trouble signal operates	Y
Trouble signal silence switch operates	Y
Main power supply failure initiates trouble signal	Y
Ground fault tested on both positive and negative initiates trouble signal	Y
Alert signal operates	N/A
Alarm signal operates	Y
Automatic transfer from alert signal to alarm signal operates (Auto EVAC)	N/A
Manual transfer from alert signal to alarm signal operates (Total EVAC)	N/A
Automatic transfer from alert signal to alarm signal cancel switch operates (AEC)	N/A
Alarm signal silence inhibit function operates	Y
Alarm signal manual silence operates	Y
Alarm signal silence visual indication operates	Y
Alarm signals, when silenced, automatically reinitiates upon subsequent alarm	Y
Alarm signal silence automatic cut-out timer Time: _____	N/A
Audible & visual alert signals & alarm signals programmed and operate per design and specifications or documentation as detailed in Appendix C of the CAN/ULC-S536 standard	Y
Input circuit, alarm & supervisory operations, including audible & visual indication operates	Y
Input circuit supervision fault causes a trouble indication	Y
Output circuit alarm indicators operate	Y
Output circuit supervision fault causes a trouble condition	Y
Visual indicator test operates (lamp test)	Y
Coded signal sequences operate not less than the required number of times and the correct alarm signal operates thereafter	N/A
Coded signal sequences are not interrupted by subsequent alarms	N/A
Ancillary device control circuit is rated for the intended purpose	N/A
Ancillary device bypass will result in a trouble indication	N/A



FIRE ALARM SYSTEM TEST & INSPECTION REPORT

CONTROL UNIT or TRANSPONDER TEST - Continued...

Input circuit to output circuit operation, including ancillary device circuits, for correct program operation, as per design & specification or documentation as detailed in Appendix C of CAN/ULC-S536	Y
Fire alarm system reset operates	Y
Main power supply to emergency power supply transfer operates	Y
Status change confirmation (smoke detectors only) verified [alarm inspection feature] Reference Clause 5.7.4.3	N/A
Receipt of the system alarm transmission to the fire signal receiving centre	Y
Receipt of system supervisory transmission to the fire signal receiving centre	N/A
Receipt of system trouble transmission to the fire signal receiving centre	Y
Operation of the fire signal receiving centre disconnect (FDR) results in a specific trouble indication at the control unit/transponder, and transmits a trouble signal to the alarm receiving center	N/A

CONTROL UNIT or TRANSPONDER INSPECTION

Control Unit or Transponder Location	<u>By North East Rear Entrance</u>
Control Unit or Transponder Identification	<u>Mirtone</u>
Input circuit designations correctly identified in relation to connected field devices.	Y
Output circuit designations correctly identified in relation to connected field devices	Y
Correct designation for common control functions and indicators	Y
Plug-in components, modules and cables securely in place.	Y
Record the date, revision, and version of firmware/software program	
Date: <u>31/10/1989</u> Rev: <u>N/A</u> Ver: <u>N/A</u>	
Clean and free of dust and dirt.	Y
Fuses in accordance with manufacturer's specifications	Y
Control unit/transponder lock functional	Y
Termination points for wiring to field devices secure.	Y



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FIRE ALARM SYSTEM TEST & INSPECTION REPORT

VOICE COMMUNICATION TEST	
Power on indicator operates	N/A
Common visual trouble indicator operates	N/A
Common audible trouble signal operates	N/A
Trouble signal silence switch operates	N/A
All-Call voice paging, including visual indicator, operates	N/A
Output circuits for selective voice paging, including visual indicator, operates	N/A
Output circuits for selective voice paging trouble operation, including visual indicator, operates	N/A
Microphone, including push to talk switch, operates	N/A
Operation of the voice paging system does not interfere with initial inhibit time of the fire alarm signal	N/A
All-Call voice paging operates on emergency power supply (batteries)	N/A
Upon failure of one amplifier, system automatically transfers to back-up amplifier	N/A
Circuits for emergency telephone call-in, including audible and visual indicators, operate	N/A
Circuits for emergency telephone - two way voice communication operates	N/A
Circuits for emergency telephone trouble operation, including visual indication, operates	N/A
Emergency telephone operable (dial tone) or in us (busy tone) operates	N/A

REMOTE TROUBLE SIGNAL UNIT TEST & INSPECTION	
Remote Trouble Unit Location: _____	
Input wiring from the control unit or transponder is supervised	N/A
Visual trouble signal operates	N/A
Audible trouble signal operates	N/A
Audible trouble signal silence operates	N/A



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FIRE ALARM SYSTEM TEST & INSPECTION REPORT

POWER SUPPLY INSPECTION	
Control Unit or Transponder Location	By North East Rear Entrance
Control Unit or Transponder Identification	Mirtone
Fused in accordance with the manufacturer's marked rating for the system	Y
Adequate to meet requirements of the system	Y

EMERGENCY POWER SUPPLY TEST AND INSPECTION	
Record battery type as recommended by the manufacturer:	2 x 12v 7Ah
Correct battery rating as determined by battery calculations based on full system load	Y
Battery readings:	
Battery Voltage with main power on:	_____ Vdc
Battery Voltage & current - power off - supervisory condition	_____ Vdc
	_____ mA
Battery Voltage & current - power off - full load alarm condition	_____ Vdc
	_____ mA
Battery charge current after full load test	_____ mA
Terminals clamped tightly, cleaned & lubricated	Y
Inspected for physical damage & electrolyte leakage	Y
Correct electrolyte levels	N/A
Specific gravity of electrolyte is within manufacturer's specification	N/A
Adequate ventilation	Y
Battery manufacturer's data code or in-service date recorded	Date: _____
Disconnection causes a trouble indication	Y
Indicate type of battery test performed	
Required supervisory load for 24hr - followed by the required full load operation	N/A
A silent test by using the load resistor method (Appendix F1)	N/A
Silent accelerated test (Appendix F2)	N/A
A battery capacity meter test (Appendix F3)	Y
Record battery capacity (Appendix F4.1.C)	_____ A.H
Battery voltage after full load test	_____ Vdc
Battery rating not less than 85% of its rated specifications after the test	Y
Generator provides power to the AC circuit serving the fire alarms system	N/A
Trouble condition at the emergency generator shall result in an audible trouble & annunciation	N/A



FIRE ALARM SYSTEM TEST & INSPECTION REPORT

ANNUNCIATORS OR SEQUENTIAL DISPLAYS - TEST & INSPECTION		N/A
Annunciator or Sequential Display Location	_____	
Annunciator or Sequential Display Identification	_____	
Power on indicator operates		N/A
Individual alarm & supervisory input zones are clearly indicated & separately designated		N/A
Individual alarm & supervisory zone indication operates (if N/A - See Exception)		N/A
Exception:	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).	N/A
	Specify method of confirmation: _____ _____	
	(A minimum of one alarm zone and one supervisory zone tested at each annunciator and sequential display to confirm operation)	
Individual alarm & supervisory zone designation labels are properly identified		N/A
Common trouble signal operates		N/A
Visual indicator test (lamp test) operates		N/A
Input wiring from control unit or transponder is supervised		N/A
Alarm signal silence visual indicator operates		N/A
Switches for ancillary functions operate as per design and specifications, or documents as detailed in Appendix C - Description of Fire Alarm System for Inspection & Test Procedures		N/A
Other ancillary functions visual indicators operate		N/A
Manual activation of alarm signal & indication operates (Total EVAC switch)		N/A
Displays are visible in installed location		N/A
Operates on emergency power		N/A

PRINTER TEST		N/A
Operates per design and specification or documentation, as detailed in Appendix C - Description of Fire Alarm System for Inspection and Test Procedures		N/A
Zone of each alarm initiating device is correctly printed		N/A
Rated voltage is present at printer (printer power is on)		N/A



FIRE ALARM SYSTEM TEST & INSPECTION REPORT

FIELD DEVICE TESTING - LEGEND & NOTES

DEVICE	Devices	TYPE	MODEL NO.
M	Manual Pull Station	Mirtone	
M	Manual Pull Station - Explosion Proof		
RHT	Rate of Rise Heat Detector	Mirtone	CR 135
HT	Fixed Temperature Heat Detector	Mirtone	CF 135 / CF 200
	Smoke Detector:	Mirtone	
	Sensitivity test method - or test equipment:		
	Model / Method:		
S	Manufacturer's Sensitivity Range:		
RI	Remote Indicator		
DS	Duct Smoke Detector		
	Other Type of Detector		
SFD	Supporting Field Device - Monitor		
FS	Sprinkler Flow Switch		
SS	Sprinkler Supervisory Device		
	Other Supervisory Device		
EM	Isolation Module		
B	Bell	Mirtone	74306
PZ	Piezo		
H	Horn - Explosion Proof		
H/V	Horn /Strobe - Explosion Proof		
H/F	Horn / Flasher		
V	Visual Signal Device		
SP	Cone Type Speaker		
HSP	Horn Type Speaker		
AD	Ancillary Device		
ET	Emergency Telephone		
EOL	End of line Resistor / Capacitor		

The following notes apply to Appendix E3.2 of CAN/ULC-S537-M04 - Individual Device Records

- Note 1: Smoke detector sensitivity confirmation or sensitivity should be recorded with the individual device.
- Note 2: Smoke detector cleaning or replacement date should be recorded in the Remarks column.
- Note 3: Status change - including time delays should be recorded with the individual device.
- Note 4: Duct smoke detector pressure differential or positive air flow readings should be recorded with the device
- Note 5: Time delay settings of the sprinkler flow switch should be recorded with the device.
- Note 6: Sprinkler supervisory devices cause supervisory condition to be annunciated - but not an alarm condition.
- Note 7: Upper & lower pressure settings of sprinkler pressure switches should be recorded with the device.
- Note 8: Low temperature settings of temperature devices should be recorded with the device.
- Note 9: Identify the specific ancillary device in the remark column.
- Note 10: Identify the date of replacement of any field device in the remark column.
- Note 11: Identify the correct field device operation (e.g., Alarm, trouble, supervision, annunciation) as required.
- Note 12: Identify zone number, circuit number and/or address as required.
- Note 13: Identify conventional field device locations.
- Note 14: Identify active field device and supporting field device locations.
- Note 15: Test and confirm conventional field circuit wiring supervision.
- Note 16: Confirm field device free of damage.
- Note 17: Confirm field device free of foreign substance (i.e. paint).
- Note 18: Confirm field device mechanically supported - independent of wiring.
- Note 19: Confirm the field device protective dust shields or covers are removed.
- Note 20: Caution: The tests reported on this form do not include the actual operational test of ancillary devices.



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FIRE ALARM SYSTEM TEST & INSPECTION REPORT

RE: _____

Remarks:

- R1 - FIRE PANEL BATTERY FAILED TEST, WAS REPLACED
- R2 - GYM HEAT DETECTORS NOT TEST. DEVICES ARE TOO HIGH AND CAGED

Deficiencies:

- D1 - MONITORING COMPANY NOT RECEIVING ANY SIGNAL. MUST RECHECKED/xxxxxxx BY TECHNICIAN FOR MONITORING PANEL.
- ** AS PER LAST INSPECTION, SYSTEM IS MONITORED. MONITORING COMPANY IS NOT xxx IF THEY ARE MONITORING THIS SITE. OWNER MUST CONFIRM IF THEY ARE MONITORED

NOTE: Should you have questions about any deficiencies or recommendations listed above, please contact our office so that we may be of assistance. We look forward to being of continued service.



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FIRE ALARM SYSTEM TEST & INSPECTION REPORT

E3.2 INDIVIDUAL DEVICE RECORD

(Reference: Clauses 5.7.1.3, E3.1)

BUILDING NAME: 1625 Logan Avenue, Winnipeg, MB

1 OF 2

DATE: August 2, 2013

Zone Circuit Number or Address	Location	Device	Alarm Operation Confirmed	Requires Service Repairs, Cleaning, or Missing	Annunciation Indication Confirmed	Correctly Installed	Remarks
1	Main Floor						
	By fire alarm panel	M	Y		Y	Y	
	By Office	RHT	Y		Y	Y	
	By east washrooms	RHT	Y		Y	Y	
	Seniors board room	RHT	Y		Y	Y	
	Computer room	RHT	Y		Y	Y	
	MPR room	RHT	Y		Y	Y	
	MPR room	RHT	Y		Y	Y	
	MPR storage room	RHT	Y		Y	Y	
	By south exit	M	Y		Y	Y	
	Gym chair / Equipment storage	RHT	Y		Y	Y	
	Gym chair / Equipment storage	HT	N/A		Y	Y	
	Gym chair / Equipment storage	RHT	Y		Y	Y	
	By west washrooms	S	Y		Y	Y	
	Canteen	RHT	Y		Y	Y	
	Kitchen	HT	N/A		Y	Y	
	Kitchen food storage	RHT	Y		Y	Y	
	Storage off kitchen	RHT	Y		Y	Y	
	By stairs	S	Y		Y	Y	
	Office	RHT	Y		Y	Y	
	Electrical room east	T-Static	Y		Y	Y	
	Electrical room west	T-Static	Y		Y	Y	
	Storage by gym entrance	RHT	Y		Y	Y	
	By south exit	EOL	N/A		Y	Y	



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E3.2 INDIVIDUAL DEVICE RECORD

(Reference: Clauses 5.7.1.3, E3.1)

BUILDING NAME: 1625 Logan Avenue, Winnipeg, MB

PAGE: 2 OF 2

DATE: August 2, 2013

Zone Circuit Number or Address	Location	Device	Alarm Operation Confirmed	Requires Service Repairs, Cleaning, or Missing	Annunciation Indication Confirmed	Correctly Installed	Remarks
2	Gym Area						
	East exit	M	Y		Y	Y	
	North west exit	M	Y		Y	Y	
	South east exit	M	Y		Y	Y	
	Gym south east	RHT	Y		Y	Y	High
	Gym north east	RHT	Y		Y	Y	High
	Gym north west	RHT	Y		Y	Y	High
	Gym south west	HT	N/A		Y	Y	High
	North west exit	EOL	N/A		Y	Y	
3	2nd Floor						
	By stairs	M	Y		Y	Y	
	By stairs	RHT	Y		Y	Y	
	Top of stairs	S	Y		Y	Y	
	Hallway	T-Static	Y		Y	Y	
	Office / Storage	T-Static	Y		Y	Y	
	Jersey storage	T-Static	Y		Y	Y	
	By stairs	EOL	N/A		Y	Y	
	Bells						
	By washrooms east	B	Y		N/A	Y	10"
	MPR room	B	Y		N/A	Y	10"
	By south exit	B	Y		N/A	Y	10"
	By west washrooms	B	Y		N/A	Y	10"
	Gym south east	B	Y		N/A	Y	10"
	Gym north east	B	Y		N/A	Y	10"
	2nd floor by stairs	B	Y		N/A	Y	10"
	2nd floor by stairs	EOL	N/A		Y	Y	

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ABC Fire & Safety
EQUIPMENT LIMITED
Equipment for the 4th Sector in Manitoba

ANNUAL EMERGENCY LIGHTING INSPECTION RECORD

Customer: **GCWCC**
 Address: **1625 Logan, Winnipeg, MB**
 Contact:
 Phone:

ABC Tech: **RUDY PINEDA**
 Phone: **204-233-6083**
 Date: **AUGUST 2/13**

LOCATION	MANUFACTURER	MODEL NUMBER	UNIT LAMPS	REMOTE LAMPS	EXIT SIGN	START VOLTAGE	END VOLTAGE	LOAD TEST	BATTERY SIZE	AC POWER ON	DEFICIENCIES/COMMENTS
Electrical Room	Grinnell	EMS12360	2			FAILED			12v 33Ah		REPLACED BATTERY
2nd floor by stair				1							DBL
2nd floor by office / storage					1						
2nd floor by office / storage				1							DBL
By canteen				1							SGL
By office				1							DBL
Open area east				1							DBL
East men's washroom				1							SGL
East women's washroom				1							SGL
Office				1							DBL
Canteen				1							SGL
West men's washroom				1							SGL
West women's washroom				1							SGL
By west washroom				1							DBL
By north exit				1							SGL
MPR room				1							DBL

