



Advanced Energy Management  
 305 Baig Blvd. 222 Edinburgh D  
 Moncton, NB E1E 4C7

# Heat Recovery Unit

2266631

District #	School #	School Name
18	182705	Harvey High

## Heat Recovery Unit

Name	Location	Type	FAT	SAT	RAT	EAT	EAT SP	Eff.	DP Sensor	Checked	Deficiency
Glycol	General AHU	Fixed coil	-9	18	20	6	0	48.28%		✓	
Glycol	Changing RM	Fixed coil	-9	21	21	12	0	30.00%		✓	

Preventive Maintenance of Elevators in N.B. School  
 BI-Monthly / Semi-Annual / Annual Report

Permit Date: 2021/05/12

Date:

School Name: Wbury High School

Date: February 28 2022

Unit Number: 1100

Unit Manufacturer: Mitsubishi

Unit Type: Hydraulic Passenger

Date Testing Completed: April 27th 2022

BI-Monthly Report	Complete	N/A	Semi Annual Report	Complete	N/A
Check in at School Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vacuum controllers, Check relays, contacts & selectors.	<input type="checkbox"/>	<input type="checkbox"/>
Ride unit, check speed and leveling. Adjust if needed.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Check for proper Fuse Sizing, check main power connections	<input type="checkbox"/>	<input type="checkbox"/>
Verify all safety circuits & scheduling devices	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Check & adjust voltage of rectifier and record	<input type="checkbox"/>	<input type="checkbox"/>
Lubricate, clean & adjust all components	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Check fastings, Operating rollers, cams of H-way limits & safety switches	<input type="checkbox"/>	<input type="checkbox"/>
Check all lamps & signals. Replace bulbs as required.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Check selector tape, wire ropes & cables	<input type="checkbox"/>	<input type="checkbox"/>
Check fan and car interior	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Inspect, adjust & Lubricate: door closers arms & reel and air cords	<input type="checkbox"/>	<input type="checkbox"/>
Confirm phone & emergency communication	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Adjust lower guides on car & doors.	<input type="checkbox"/>	<input type="checkbox"/>
Adjust & lubricate door operation, speed, hangers & track	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Check car counterweight run-up	<input type="checkbox"/>	<input type="checkbox"/>
Check door protection, hanger rollers and relating cable tension	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Check, clean & lubricate, governor, idler & tape sheaves	<input type="checkbox"/>	<input type="checkbox"/>
Verify door Gibbs and retainers, visual panels.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Inspect brakes, clean linings & pulleys, Lubricate pins, hangers & rails	<input type="checkbox"/>	<input type="checkbox"/>
Check and adjust hydraulic packing, valves, couplings	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Demonstrates emergency lowering operation	<input type="checkbox"/>	<input type="checkbox"/>
Check hydraulic levels and top up. Report any loss to Supervisor immediately	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Discuss any notes with Facility Manager/ representative	<input type="checkbox"/>	<input type="checkbox"/>
Clean pit and check pit can	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>Annual Report</b>	<b>Complete</b>	<b>N/A</b>
Check motor, MG Brushes, oil level. Top up if needed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Change oil in Generators, motors and geared equipment	<input type="checkbox"/>	<input type="checkbox"/>
Inspect and Adjust loose guides on car	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Check Sheaves & rope for wear Travelling cable & hangers	<input type="checkbox"/>	<input type="checkbox"/>
Verify Hoist way lockouts and access switch. (Interlocks)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Clean generators & motors; Check wire connections	<input type="checkbox"/>	<input type="checkbox"/>
Clean Machine Rm. & Machine Rm Equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Check under car & counterweight safety devices	<input type="checkbox"/>	<input type="checkbox"/>
Clean top of car and equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Clean switches, check for wear breakage & Corrosion	<input type="checkbox"/>	<input type="checkbox"/>
Read and fill out log book	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Complete hydrostatic test for In-ground and above-ground units	<input type="checkbox"/>	<input type="checkbox"/>
Note any adjustments, deficiencies and suggested repairs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Discuss any notes with Facility Manager / Representative	<input type="checkbox"/>	<input type="checkbox"/>
Discuss any notes with Facility Manager/representative	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>

School Signature

*M. G. Gonsse*

Mechanic Signature

*[Signature]*

**Important Notes:**

- All the items in the checklist should be checked with your initials and not only signed at the end.
- Refer to specification for complete list of work to be performed

**Comments:**

---

---

---

---

---

---

---

**Semi Annual Reference Guide:**

- Jan-Jul
- Feb-Aug
- Mar-Sep
- Apr-Oct
- May-Nov
- Jun-Dec

# Fire Alarm Inspection Report

This states that the Fire Alarm System,

Type MIRCOM FX-2000  
Located ANGLOPHONE WEST SCHOOL DISTRICT - HARVEY HIGH SCHOOL  
2055 ROUTE 3 HARVEY, NB

Was checked and WAS in proper working order on,  
Date JULY 28, 2022

Deficiencies \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Recommendations and/or comments PLEASE SEE THE ATTACHED DEVICE LIST FOR  
ANY RECOMMENDATIONS AND/OR COMMENTS.  
\_\_\_\_\_  
\_\_\_\_\_



Checked by EUGENE KNORR Technician  
Fredericton, NB E3B 4Y9 Technician  
National Alarm Systems (F'ton) Ltd.  
PO Box 202, 891 Riverside Drive  
Ph: (506) 458-9433 • Fax: (506) 452-8791

In compliance with Can/U/LC S536-04

# Report of Inspection / Test

Frequency: Semi-Annual ITM

2023-01-05

**Property**

HARVEY HIGH SCHOOL - D18  
2055 ROUTE 3  
Harvey Station NB E6K 2P4

WO Ref #: 510796

Conducted by: Roy Barton

Troy Life & Fire Safety Ltd  
175 Henri Dunant Street  
Moncton New Brunswick E1E 1E4  
1-877-441-8769



Life & Fire Safety Ltd.

**24 HR. SERVICE**  
1-877-441-8769

troylfs.com

## Report of Inspection / Test General Questions

### OWNER SECTION

Is the building occupied?	Yes	Has the occupancy classification, hazard of contents, and/or storage method remained the same since the last inspection?	Yes
Are all fire protection systems in service?	Yes	Has the system remained in service without modification since the last inspection?	Yes
Was the system free of actuations of devices or alarms since the last inspection?	Yes	Who provided the information in the report?	Mathew Smith / Troy LFS
Does the property owner maintain records per NFPA 25 4.3.3?	Yes	Are valve enclosures maintaining a minimum of 4 degrees Celcius?	Yes

### FIRE DEPARTMENT CONNECTION

Is the FDC plainly visible and easily accessible?	Yes	Are the FDC caps and plugs in place and undamaged?	Yes
Are the FDC gaskets in place?	Yes	Is the FDC check valve free of leaks?	Yes
Has the interior of the FDC been inspected for obstructions?	Yes	Is the visible piping supplying the FDC undamaged?	Yes
Are the fire department connections visible and accessible?	Yes	Are gaskets in place and in good condition?	Yes
Are identification signs in place?	Yes	Is the automatic drain valve in place and operating properly?	Yes
Is the fire department connection clapper(s) in place and operating properly?	Yes		

### CONTROL VALVE AREA

Are the control valves supervised with seals have appropriate wrenches?	N/A	Are the control valves with locks in correct (open or closed) position?	N/A
Are the control valves with locks locked or is supervision in place?	N/A	Are the control valves with locks accessible?	N/A
Are the control valves with locks free from any leaks?	N/A	Are the control valves with locks have the appropriate wrenches?	N/A
Are the control valves with locks properly identified?	N/A	Are the control valves with electrical supervision in correct (open or closed) position?	Yes
Are the control valves with electrical supervision locked or is supervision in place?	Yes	Are the control valves with electrical supervision accessible?	Yes
Are the control valves with electrical supervision free from any leaks?	Yes	Are the control valves with electrical supervision have the appropriate wrenches?	Yes
Are the control valves with electrical supervision properly identified?	Yes		

### VALVE AREA

# Report of Inspection / Test

Frequency: Semi-Annual ITM

2023-01-05

**Property**

HARVEY HIGH SCHOOL - D18  
2055 ROUTE 3  
Harvey Station NB E6K 2P4

Conducted by: Roy Barton

Troy Life & Fire Safety Ltd  
175 Henri Dunant Street  
Moncton New Brunswick E1E 1E4  
1-877-441-8769



Life & Fire Safety Ltd.

**24 HR. SERVICE**  
**1-877-441-8769**

troylfs.com

WO Ref #: 510796

Are all check valves externally inspected, operating properly, and are in good condition?	Yes	Are the gauges on system operable and in good working condition?	No
Are the gauges on system showing normal water supply pressure?	Yes	Are Pressure reducing valves (sprinkler system) in open position and not leaking?	N/A
Are Pressure reducing valves (sprinkler system) with downstream pressure per the design?	N/A	Are Pressure reducing valves in good condition including no handwheels broken?	N/A
Have the mechanical waterflow alarm devices passed tests by opening inspector's test connection/bypass connection with alarms actuating and flow observed?	Yes	Do valve supervisory switches indicate movement?	Yes
The electrical waterflow alarm devices passed test by opening inspector's test connection/bypass connection with alarms actuating and flow observed?	Yes		
<b>DRY VALVE</b>			
Are the gauges on systems with/without low pressure alarms in good condition and showing normal air and water pressure?	Yes	For freezer systems, gauge near compressor reading the same as gauge near the dry-pipe valve?	N/A
Is the dry pipe valve(s) free from physical damage?	Yes	Are trim valves in appropriate (open or closed) position?	Yes
Is there no leakage in the intermediate chamber?	Yes	Is the priming level correct and has the low air pressure signal passed it's test?	Yes
Has the quick opening device passed the test?	N/A	Have the strainers, filters and orifices been inspected?	Yes
<b>BACKFLOW PREVENTERS</b>			
Is relief port on RPZ device not discharging?	Yes		
<b>ALARMS</b>			
Is the alarm valve free from physical damage?	Yes	Is the trim in correct (open or closed) position?	Yes
Is there no leakage in the retarding chamber or drains?	Yes	Are alarms and supervisory devices not damaged?	Yes
<b>MAINTENANCE</b>			
Do the alarm valve(s), strainers, filters and restricted offices pass internal inspection?	Yes	Are dry-pipe systems kept in dry condition?	Yes
Have auxiliary drains been emptied (before freezing weather) ?	Yes	If conditions were found that required flushing, was flushing of the system conducted?	N/A
Have adjusted, repaired, reconditioned, or replaced components had proper tests/inspections performed?	N/A	Was a drain test conducted after opening any closed valve?	Yes

# Report of Inspection / Test

Frequency: Semi-Annual ITM

2023-01-05

**Property**

HARVEY HIGH SCHOOL - D18  
2055 ROUTE 3  
Harvey Station NB E6K 2P4

WO Ref #: 510796

Conducted by: Roy Barton

Troy Life & Fire Safety Ltd  
175 Henri Dunant Street  
Moncton New Brunswick E1E 1E4  
1-877-441-8769



Life & Fire Safety Ltd.

**24 HR. SERVICE**  
**1-877-441-8769**

troylfs.com

## Report of Inspection / Test for System - DRY 1

### AIR COMPRESSORS

Is the air compressor, piping, wiring free of physical damage?	Yes	Is the air compressor anchored properly to the structure or system piping?	Yes
For oil-filled air compressors, is the level sufficient?	Yes	Does the air compressor operate as intended on the proper drop in pressure?	Yes
Does the air compressor restore normal air pressure in the required time frame?	Yes	Does the air compressor operate without overheating?	Yes
For oil-filled air compressors, has the oil been replaced or changed per the manufacturer's instructions?	Yes		

### MAIN DRAIN FLOW TESTS

System	Initial Static	Residual	Static	Seconds to Return to Initial Static	Flow Observed?	Did waterflow alarm operate?	Are results comparable to previous test?
WET 1	95	tanks	95	1	N/A	Yes	Yes
DRY 1	100	tanks	100	1	N/A	N/A	Yes

### INSPECTORS TEST CONNECTION

System	Location	Description	Time to Alarm (seconds)	Reported?	Smooth Orifice	Easily Accessible	Signs?	Pass?
WET 1	Tank Room	Basement	60	Yes	Yes	Yes	Yes	Yes
DRY 1	Dust collector	Drum drip	na	N/A	Yes	Yes	Yes	Yes
WET 1	Tool crib in mechanical shop	First floor	60	Yes	Yes	Yes	Yes	Yes
WET 1	Cabinet in room 209	Second Floor	60	Yes	Yes	Yes	Yes	Yes

### VALVES

System	Description	Location	Valve Type	Size	Secured	Open	Easily Accessible	Signs	Exercised	Stems Lubricated	Flow Pass	Tamper Pass
WET 1	Tank 1 control	Tank Room	Butterfly	4"	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass
DRY 1	Dust Collector control	Wood Shop	Butterfly	1-1/2"	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass
DRY 1	Victaulic	Wood Shop	Dry Pipe Valve	1-1/2"	Monitored	N/A	Yes	Yes	N/A	N/A	Pass	Pass
WET 1	Tank 2 control	Tank Room	Butterfly	4"	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass

# Report of Inspection / Test

Frequency: Semi-Annual ITM

2023-01-05

**Property**

HARVEY HIGH SCHOOL - D18  
2055 ROUTE 3  
Harvey Station NB E6K 2P4

WO Ref #: 510796

Conducted by: Roy Barton

Troy Life & Fire Safety Ltd  
175 Henri Dunant Street  
Moncton New Brunswick E1E 1E4  
1-877-441-8769



Life & Fire Safety Ltd.

**24 HR. SERVICE**  
**1-877-441-8769**

troylfs.com

## VALVES

System	Description	Location	Valve Type	Size	Secured	Open	Easily Accessible	Signs	Exercised	Stems Lubricated	Flow Pass	Tam per Pass
WET 1	Tank 1 check	Tank Room	Riser Check Valve	4"	Not Applicable	N/A	Yes	N/A	Yes	N/A	N/A	N/A
WET 1	Tank 2 check	Tank Room	Riser Check Valve	4"	Not Applicable	N/A	Yes	N/A	Yes	N/A	N/A	N/A
WET 1	Main Control	Tank Room	OS&Y	4"	Monitored	Yes	Yes	Yes	Yes	Yes	N/A	Pass
WET 1	Basement control	Tank Room	OS&Y	2"	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass
WET 1	Astra	Tank Room	Riser Check Valve	4"	Not Applicable	N/A	Yes	N/A	Yes	N/A	N/A	N/A
WET 1	Dry feed	Tank Room	Butterfly	1-1/2"	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass
WET 1	Hood control	Kitchen	OS&Y	1"	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass
WET 1	Top of elevator	Above ceiling near elevator	OS&Y	1"	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass
WET 1	Second Floor control	Top of stairwell	OS&Y	3"	Monitored	Yes	Yes	Yes	Yes	Yes	N/A	Pass
WET 1	First floor control	Hatch near custodian Room	OS&Y	3"	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass

## DRAIN VALVES

System	Description	Location	Drain	Aux Drain Drained	Water Flow Observed
DRY 1	Low point	At dust collector	Drum Drip	Yes	N/A
DRY 1	Main Drain	At DPV	Angle Valve	Yes	Yes
WET 1	Main Drain tank 1	Tank Room	Globe Valve		
WET 1	Main Drain tank 2	Tank Room	Ball Valve		



# Report of Inspection / Test

Frequency: Semi-Annual ITM

2023-01-05

## Property

HARVEY HIGH SCHOOL - D18  
2055 ROUTE 3  
Harvey Station NB E6K 2P4

WO Ref #: 510796

Conducted by: Roy Barton

Troy Life & Fire Safety Ltd  
175 Henri Dunant Street  
Moncton New Brunswick E1E 1E4  
1-877-441-8769



Life & Fire Safety Ltd.

**24 HR. SERVICE**  
**1-877-441-8769**

[troylfs.com](http://troylfs.com)

## Deficiencies - General Questions

### Deficiency #1

Are the gauges on system operable and in good working condition? - 13.2.7: No

Status: Non Critical

Notes: Gauges requirement replacement.

## Deficiencies - General Wet System Questions

None

## Deficiencies - General Dry System Questions

None

## Deficiencies - WET 1

None

## Deficiencies - DRY 1

None

## Deficiencies - Inspectors Test Connection

None

## Deficiencies - Valves

None

## Deficiencies - Drain Valves

None

# Report of Inspection / Test

Frequency: Semi-Annual ITM

2023-01-05

**Property**

HARVEY HIGH SCHOOL - D18  
2055 ROUTE 3  
Harvey Station NB E6K 2P4

Conducted by: Roy Barton

Troy Life & Fire Safety Ltd  
175 Henri Dunant Street  
Moncton New Brunswick E1E 1E4  
1-877-441-8769



Life & Fire Safety Ltd.


**24 HR. SERVICE**  
**1-877-441-8769**

[troylfs.com](http://troylfs.com)

WO Ref #: 510796

## Inspector Signature

I state that the information on this form is correct at the time and place of my inspection, and all equipment tested at this time was left in operational condition upon completion of this inspection except as noted.

Inspector Name	Signature	Date Completed
Roy Barton		2023-01-05