



SMITH & LONG

SMITH AND LONG MECHANICAL LIMITED
Formerly Main Air Systems
115 Idema Road
Markham ON L3R 1A9

Mechanical • HVAC Services • Electrical • 24 Hour Response
T 905.670.7015 F 905.670.7019 www.smithandlong.com

Work Order # 159883 Details

Call Type	PreventiveMaint
Caller	Michael Sokolowski
Date Created	2020-08-04
Purchase Order	PO# 01577
Job #	S003560
Date Completed	Aug. 20, 2020 - 6:01:35 a.m.

Site Information

1279 Seaton Rd./HWDSB Dr. John Seaton
1279 Seaton Road
Sheffield, ON L0R 1Z0
Phone: (000)000-0000

Billing Information

Hamilton Wentworth District School Board
20 Education Court
Hamilton, ON L9A 0B9

Work Requested

- o Check for particulate accumulation on filters, replace filter as needed if material is already on-site. Verify filters are sized and installed correctly. Clean and remove louver obstructions.
 - o Check all motors and fans operate correctly. Grease/oil as required.
 - o Check belts are tight and in good condition.
- Replace as required.
- o Check variable-frequency drive for proper operation.
 - o Check drain pans for cleanliness and proper slope. Check P-trap on drain pan for proper operation. Clean as required.
 - o Verify control dampers operate properly.
 - o Confirm equipment is bringing in outdoor air and removing exhaust air as intended.

Equipment Name: Servi-HVAC

Model:

Manufacturer:

Serial Number:

Work Requested

- o Check for particulate accumulation on filters, replace filter as needed if material is already on-site. Verify filters are sized and installed correctly. Clean and remove louver obstructions.
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 - o Check drain pans for cleanliness and proper slope. Check P-trap on drain pan for proper operation. Clean as required.
 - o Verify control dampers operate properly.
 - o Confirm equipment is bringing in outdoor air and removing exhaust air as intended.

Work Performed

Aug. 14, 2020
Arrived on site.
No custodial staff on site.
Set up extension ladder to roof.

Equipment Name: Carrier RTU

Model: 48TJE004---511QE

Manufacturer: Carrier

Serial Number: 2896G21195

Work Performed

Aug. 14, 2020
Adjusted belt tension. Belt worn and should be replaced. Inspected pulleys/bearings- ok. Filters in ok condition. Condensate p-trap broken. Jumpered at unit and tested A/C operation- connected gauges- all operational at this time.
Filters- 2 of 16x25x2"pl
Belt- A36

Equipment Name: Carrier RTU

Model: 48TJE004---511QE

Manufacturer: Carrier

Serial Number: 2896G21193



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Work Performed

Aug. 14, 2020
Adjusted belt tension. Belt worn and should be replaced. Inspected pulleys/bearings- ok. Filters in ok condition. Removed p-trap, cleaned, flushed condensate drain pan and re-installed.
Jumpered at unit and tested A/C operation- connected gauges- all operational at this time.

Filters- 2 of 16x25x2"pl
Belt- A36

Equipment Name: Carrier RTU

Model: 48TJE004---511QE

Manufacturer: Carrier

Serial Number: 2896G21192

Work Performed

Aug. 14, 2020
Adjusted belt tension. Belt worn and should be replaced. Inspected pulleys/bearings- ok. Filters in ok condition. Removed p-trap, cleaned, flushed condensate drain pan and re-installed.
Jumpered at unit and tested A/C operation- connected gauges- all operational at this time.

Filters- 2 of 16x25x2"pl
Belt- A36

Equipment Name: Carrier RTU

Model: 48TFE007-M-111HQ

Manufacturer: Carrier

Serial Number: 3103G10384

Work Performed

Aug. 14, 2020
Adjusted belt tension. Belt worn and should be replaced. Inspected pulleys/bearings- found to be ok. Filter in ok condition. Removed condensate p-trap and cleaned, re-installed. Jumpered at unit and tested A/C operation- found all to be operational at this time.

Filters- 2 of 16x20x2"pl
Belt- 1 of A40

Equipment Name: Carrier RTU

Model: 48TFE004-A-111HQ

Manufacturer: Carrier

Serial Number: 3203G30433

Work Performed

Aug. 14, 2020
Belt, filters in ok condition. Checked condition of pulleys/bearings- found to be ok. Removed condensate p-trap and cleaned, re-installed. Jumpered at unit and tested A/C operation- found all to be ok.

Filters- 2 of 16x25x2pl
Belt- 1 of A36

Equipment Name: Carrier RTU

Model: 48TFE004-A-111HQ

Manufacturer: Carrier

Serial Number: 3203G30431



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Work Performed

Aug. 14, 2020
Belt in very rough condition- must be replaced, no spare on site. Adjusted belt tension for time being.
Filters dirty and should be replaced. Removed condensate p-trap and cleaned, re-installed. Jumpered at unit to test A/C operation- found all to be operational at this time.

Belt- 1 of A36
Filters- 2 of 16x25x2"pl

Equipment Name: Carrier RTU

Model: 48TFE005-A-111HQ

Manufacturer: Carrier

Serial Number: 3203G30331

Work Performed

Aug. 14, 2020
Found unit short cycling on low pressure switch due to blower motor not running.
Upon further investigation, found blower motor and capacitor defective.
Filters dirty.
Unable to properly test A/C operation due to defective blower motor.

Left unit turned off

Filters- 2 of 16x25x2"pl
Belt- 1 of A36

Will provide quotation to replace defective blower motor and capacitor.

Equipment Name: AHU

Model: none

Manufacturer: Custom-Supply and Return fans W/ HW coil

Serial Number: none

Work Performed

Aug. 14, 2020
S/A fan- both belts fallen off of pulleys, fan running. Belts in rough condition- need to be replaced- 2 of A67 belts. Left fan turned off.
R/A fan- greased bearings- belt should be replaced, but ok for now. Belt- 1 of A85.

Found filters to be in ok condition.
Filters- 4 of 24x24x2"pl

Equipment Name: Dome Exhauster

Model: covered w/ sticker

Manufacturer: Acme Engineering

Serial Number: 09F1156-6

Work Performed

Aug. 14, 2020
Found no belt on fan, no spares on site.
Exhauster turned off on roof.

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Equipment Name: Dome Exhauster**Model:** covered w/ sticker**Manufacturer:** Acme Engineering**Serial Number:** 09F1156-29**Work Performed**

Aug. 14, 2020
Found no power at line side of disconnect, unable to test operation without access to school.
Bearings- non-greasable type
Belt- 1 of A26, belt in good condition.

Equipment Name: small dome exhauster**Model:** DX08B**Manufacturer:** Penn**Serial Number:** none**Work Performed**

Aug. 14, 2020
Found unit turned off, no belt on exhauster, no spare on site.
Turned unit on, motor seized, motor trying to start for short time, then turned off on internal overload.
Will provide quote to replace seized motor.

Equipment Name: exhauster**Model:** PV075 E4**Manufacturer:** Acme Engineering**Serial Number:** 09F1156-1**Work Performed**

Aug. 14, 2020
Found no power at line side of disconnect, unable to test operation without access to school.
Bearings- non-greasable type
Belt- 1 of 3L250, belt should be replaced

Summary**Labor Detail**

Technician	Equipment	Labor Type Id	Date	Hours
Thomas Herridge	SV-HVAC	MECH	2020-08-14	5
Total				5

Material / Misc / Flat Rate Details

Equipment	Item	Description	Quantity
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Customer Signature

n/a

Customer Name: n/a

This receipt may not reflect all applicable charges due to Smith & Long, and should not be considered as final. Final charges will be as detailed on your invoice sent following this service call.

[Location Upon Signature](#)