



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 # 159881 Details

Call Type	PreventiveMaint
Caller	Michael Sokolowski
Date Created	2020-08-04
Purchase Order	PO# 01577
Job #	S003558
Date Completed	Aug. 28, 2020 - 12:21:46 p.m.

Site Information

1346 4th Concession Rd W/HWDSB Beverly C
1346 4th Concession Road West
Troy, ON L0R 2B0
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

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 - 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.

Work Performed

Aug. 14, 2020
No maintenance staff on site.
Arrived at school- front door unlocked. Opened front door- walked into school, alarm went off. Contacted Mike from HWDSB. Informed him that front door was unlocked, but alarm was armed for school. Was given alarm code to disarm system.

Went through school- Located main office window A/C and Change-Air unit located in library.
Not able to locate "heat pumps commons 126" as per list provided.

Armed alarm and ensured front door was locked before leaving as per Mike.
Aug. 28, 2020
Returned to site to inspect all exhausters.
Set up extension ladder to roof.



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Equipment Name: Window A/C

Model: n/a

Manufacturer: Comfort-Aire

Serial Number: n/a

Work Performed

Aug. 14, 2020
Removed filter and washed, re-installed.
Tested operation- found all to be operational at this time.

Equipment Name: Change-Air

Model: CAE 2000H RA VPS F

Manufacturer: Chage-Air

Serial Number: 1103 01581

Work Performed

Aug. 14, 2020
Found no power at unit. Located breaker panel in hallway. Turned unit on. Installed jumpers to test A/C/blower fan operation- found all to be ok.

Filters clean.

Filters- 2 of 12x16x1" pl
1 of 12x25x1" T/A
1 of 14x18x1" T/A

Equipment Name: Exhauster1

Model: G-121-VG-X

Manufacturer: Greenheck

Serial Number: 12177219 1008

Work Performed

Aug. 28, 2020
Fan is D.D.
120V at switch, but fan not running.
Bypassed BAS and tested operation- Found all to be operational at this time.

Equipment Name: Exhauster2

Model: G-101-VG-X

Manufacturer: Greenheck

Serial Number: 12177214 1008

Work Performed

Aug. 28, 2020
Fan is D.D.
120V at switch, but fan not running.
Bypassed BAS and tested operation- Found all to be operational at this time.

Equipment Name: Exhauster3

Model: G-101-VG-X

Manufacturer: Greenheck

Serial Number: 12177213 1008

Work Performed

Aug. 28, 2020
Fan is D.D.
120V at switch, but fan not running.
Bypassed BAS and tested operation- Found all to be operational at this time.



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Equipment Name: Exhauster4	Model: G-101-VG-X
Manufacturer: Greenheck	Serial Number: 12177218 1008

Work Performed
Aug. 28, 2020
Fan is D.D.
120V at switch, but fan not running.
Bypassed BAS and tested operation- Found all to be operational at this time.

Equipment Name: Exhauster5	Model: GB-101-4X-QD-R3
Manufacturer: Greenheck	Serial Number: 13552698 1401

Work Performed
Aug. 28, 2020
Bearings not requiring lubrication, bearings and pulleys in good condition.
Belt in good condition
No power at switch.
Located breaker for exhauster in boiler room. Turned on.
Tested- found all to be operational at this time.
1 of 3L190R Belt

Equipment Name: Exhauster6	Model: G-131-VG-X
Manufacturer: Greenheck	Serial Number: 12177216 1008

Work Performed
Aug. 28, 2020
Fan is D.D.
120V at switch, but fan not running.
Bypassed BAS and tested operation- Found all to be operational at this time.

Equipment Name: Exhauster7	Model: G-131-VG-X
Manufacturer: Greenheck	Serial Number: 12177217 1008

Work Performed
Aug. 28, 2020
Fan is D.D.
120V at switch, but fan not running.
Bypassed BAS and tested operation- Found all to be operational at this time.

Equipment Name: Exhauster9	Model: G-101-VG-X
Manufacturer: Greenheck	Serial Number: 12177212 1008

Work Performed
Aug. 28, 2020
Fan is D.D.
120V at switch, but fan not running.
Bypassed BAS and tested operation- Found all to be operational at this time.



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Equipment Name: Exhauster8

Model: GB-240-5-X

Manufacturer: Greenheck

Serial Number: 12177215 1008

Work Performed

Aug. 28, 2020
No power at rooftop switch (3ph).
Greased bearings.
Inspected bearings/pulleys/belt- All in good condition.
Located starter and VFD in janitor room beside gym. Turned on, started VFD.
VFD running at 50Hz.
Returned to roof. Turned on- tested- found all to be operational at this time.

1 of A34 belt

Summary

Labor Detail

Technician	Equipment	Labor Type Id	Date	Hours
Thomas Herridge	SV-HVAC	MECH	2020-08-14	1
Thomas Herridge	SV-HVAC	MECH	2020-08-28	3
Total				4

Material / Misc / Flat Rate Details

Equipment	Item	Description	Quantity
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Customer Signature

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](#)