



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 # 159876 Details

Call Type	PreventiveMaint
Caller	Dawn Taylor
Date Created	2020-08-04
Purchase Order	PO# 01577
Job #	S003554
Date Completed	Aug. 28, 2020 - 5:59:23 a.m.

Site Information

39 Montcalm Dr. / HWDSB Westmount
39 Montcalm Drive
Hamilton, ON L9C 4B1
Phone: (000)000-0000

Billing Information

Hamilton Wentworth School District
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.
 - 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.

Work Performed

Equipment Name: Exhauster1

Model: Not legible

Manufacturer: Unknown

Serial Number: Not legible

Work Performed

Aug. 27, 2020
Inspected bearings/pulleys- found to be ok.
Bearings not requiring lubrication.
Belts in good condition.
Unit operational at this time.
2 of A30 belts.



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 # 159876 Details

Call Type	PreventiveMaint
Caller	Dawn Taylor
Date Created	2020-08-04
Purchase Order	PO# 01577
Job #	S003554
Date Completed	Aug. 28, 2020 - 5:59:23 a.m.

Site Information

39 Montcalm Dr. / HWDSB Westmount
39 Montcalm Drive
Hamilton, ON L9C 4B1
Phone: (000)000-0000

Billing Information

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

Equipment Name: Exhauster2

Model: Not Legible

Manufacturer: Unknown

Serial Number: Not Legible

Work Performed

Aug. 27, 2020
Inspected bearings/pulleys- found to be ok.
Lubricated bearings.
Belt in good condition.
Unit operational at this time.
1 of A33 belt

Equipment Name: Exhauster3- 2nd floor Kitchen

Model: Not Legible

Manufacturer: Unknown

Serial Number: Not Legible

Work Performed

Aug. 27, 2020
Found no power at line side of rooftop switch, switch cover plate off sitting in unit. Located kitchen hood fans in room 208. Turned on breaker and start/stop switch for exhauster. Now getting voltage at rooftop switch.
Inspected bearings/pulleys- found to be ok.
Lubricated bearings.
Belts in good condition.
Installed cover plate back onto switch and tested operation- Unit operational at this time. Left off at start/stop switch in room 208.
2 of 4L340 belts.

Equipment Name: Exhauster4

Model: GB-240-7-X

Manufacturer: Greenheck

Serial Number: 12900608 1206

Work Performed

Aug. 27, 2020
Inspected bearings/pulleys- found to be ok.
Greased bearings.
Belt in good condition, slightly lose, adjusted motor for proper belt tension.
Unit operational at this time.
1 of AP29 belt.

Equipment Name: Exhauster5

Model: Not Legible

Manufacturer: Unknown

Serial Number: Not Legible

Work Performed

Aug. 27, 2020
Inspected bearings/pulleys- found to be ok.
Bearings not requiring lubrication.
Belt in good condition.
Unit operational at this time.
1 of A24 belt.



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 # 159876 Details

Call Type	PreventiveMaint
Caller	Dawn Taylor
Date Created	2020-08-04
Purchase Order	PO# 01577
Job #	S003554
Date Completed	Aug. 28, 2020 - 5:59:23 a.m.

Site Information

39 Montcalm Dr. / HWDSB Westmount
39 Montcalm Drive
Hamilton, ON L9C 4B1
Phone: (000)000-0000

Billing Information

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

Equipment Name: Exhauster6
Manufacturer: Unknown

Model: Not Legible
Serial Number: Not Legible

Work Performed
Aug. 27, 2020
Inspected bearings/pulleys- found to be ok.
Bearings not requiring lubrication.
Belt in good condition.
Unit operational at this time.
1 of A35 belt.

Equipment Name: Exhauster7
Manufacturer: Unknown

Model: Not Legible
Serial Number: Not Legible

Work Performed
Aug. 27, 2020
Inspected bearings/pulleys- found to be ok.
Bearings not requiring lubrication.
Belt in good condition.
Unit operational at this time.
1 of A24 belt.

Equipment Name: Exhauster8
Manufacturer: Unknown

Model: Not Legible
Serial Number: Not Legible

Work Performed
Aug. 27, 2020
Inspected bearings/pulleys- found to be ok.
Bearings not requiring lubrication.
Belt in good condition.
Unit operational at this time.
1 of A34 belt.

Equipment Name: Exhauster9
Manufacturer: Penn Ventilation

Model: DOAIEX
Serial Number: cat number DX18B

Work Performed
Aug. 27, 2020
Adjusted motor to access pillow block bearing grease ports. Lubricated bearings.
Repositioned motor and set up belt tension.
Inspected pulleys- found to be ok.
Belt in good condition.
Unit operational at this time.
1 of A23 belt.



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 # 159876 Details

Call Type	PreventiveMaint
Caller	Dawn Taylor
Date Created	2020-08-04
Purchase Order	PO# 01577
Job #	S003554
Date Completed	Aug. 28, 2020 - 5:59:23 a.m.

Site Information

39 Montcalm Dr. / HWDSB Westmount
39 Montcalm Drive
Hamilton, ON L9C 4B1
Phone: (000)000-0000

Billing Information

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

Equipment Name: Exhauster10
Manufacturer: Greenheck

Model: G-090-VG
Serial Number: 15240426 17K

Work Performed

Aug. 27, 2020
Fan D.D.
Inspected and tested- all operational at this time.

Equipment Name: FreshAir1
Manufacturer: Delhi

Model: n/a
Serial Number: n/a

Work Performed

Aug. 27, 2020
Found no power at line side of disconnect. Unable to locate power source powering fan.
Bearings/pulleys/belt all in good condition, motor spins freely.
Unable to test operation.
1 of A36 belt.

Equipment Name: FreshAir2
Manufacturer: Delhi

Model: n/a
Serial Number: n/a

Work Performed

Aug. 27, 2020
Found no power at line side of disconnect. Unable to locate power source powering fan.
Bearings/pulleys/belt all in good condition, motor spins freely.
Unable to test operation.
1 of A36 belt.

Equipment Name: Exhauster11 (Low Roof)
Manufacturer: Greenheck

Model: GB-071-4X-QD-R2
Serial Number: 13377262 1308

Work Performed

Aug. 27, 2020
Inspected bearings/pulleys- found to be ok.
Lubricated bearings.
Adjusted belt tension belt in good condition.
Unit operational at this time.
1 of 3L200 belt.



**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 # 159876 Details

Call Type	PreventiveMaint
Caller	Dawn Taylor
Date Created	2020-08-04
Purchase Order	PO# 01577
Job #	S003554
Date Completed	Aug. 28, 2020 - 5:59:23 a.m.

Site Information

39 Montcalm Dr. / HWDSB Westmount
39 Montcalm Drive
Hamilton, ON L9C 4B1
Phone: (000)000-0000

Billing Information

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

Equipment Name: Exhauster12 (Low Roof)

Model: GB-161-5X-QD

Manufacturer: Greenheck

Serial Number: 11474053 0808

Work Performed

Aug. 27, 2020
Found no power at line side of disconnect. Located power source in small workout room.
Turned on, returned to roof.
Inspected bearings/pulleys- found to be ok.
Lubricated bearings.
Belt in good condition.
Unit operational at this time.
1 of A24 belt

Equipment Name: Exhauster13

Model: 615

Manufacturer: Delhi

Serial Number: n/a

Work Performed

Aug. 27, 2020
Inspected bearings/pulleys- found to be ok.
Lubricated bearings.
Belt in good condition.
Unit operational at this time.
1 of A56 belt

Equipment Name: Exhauster14

Model: BCRD-360C

Manufacturer: Twin City Fans

Serial Number: G05-206968-1

Work Performed

Aug. 27, 2020
Inspected bearings/pulleys- found to be ok.
Lubricated bearings.
Belt in good condition.
Unit operational at this time.
1 of A48 belt

Equipment Name: Exhauster15

Model: G-103-VG-4

Manufacturer: Greenheck

Serial Number: 15240423 17K

Work Performed

Aug. 27, 2020
Fan D.D.
Inspected and tested- all operational at this time.



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 # 159876 Details

Call Type	PreventiveMaint
Caller	Dawn Taylor
Date Created	2020-08-04
Purchase Order	PO# 01577
Job #	S003554
Date Completed	Aug. 28, 2020 - 5:59:23 a.m.

Site Information

39 Montcalm Dr. / HWDSB Westmount
39 Montcalm Drive
Hamilton, ON L9C 4B1
Phone: (000)000-0000

Billing Information

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

Equipment Name: Exhauster16

Model: Not Legible

Manufacturer: Unknown

Serial Number: Not Legible

Work Performed

Aug. 27, 2020
Inspected bearings/pulleys- found to be ok.
Bearings not requiring lubrication.
Belt in good condition.
Unit operational at this time.
1 of 4L350 belt.

Equipment Name: Exhauster17

Model: Not Legible

Manufacturer: Unknown

Serial Number: Not Legible

Work Performed

Aug. 27, 2020
Found unit turned off on rooftop disconnect.
Inspected bearings/pulleys- found to be ok.
Checked continuity of motor windings- found to be ok. Bearings not requiring lubrication. Tightened up belt tension. Belts in good condition.
Turned unit on and tested- found all to be operational at this time.

2 of A33 belts.
Left turned on.

Equipment Name: Exhauster18

Model: CUE-095-G

Manufacturer: Greenheck

Serial Number: 1524 0428 17K

Work Performed

Aug. 27, 2020
Fan D.D.
Inspected and tested- all operational at this time.

Equipment Name: Exhauster19

Model: CUE-095-G

Manufacturer: Greenheck

Serial Number: 15240429

Work Performed

Aug. 27, 2020
Fan D.D.
Inspected and tested- all operational at this time.



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 # 159876 Details

Call Type	PreventiveMaint
Caller	Dawn Taylor
Date Created	2020-08-04
Purchase Order	PO# 01577
Job #	S003554
Date Completed	Aug. 28, 2020 - 5:59:23 a.m.

Site Information

39 Montcalm Dr. / HWDSB Westmount
39 Montcalm Drive
Hamilton, ON L9C 4B1
Phone: (000)000-0000

Billing Information

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

Equipment Name: Exhauster20

Model: Not Legible

Manufacturer: Unknown

Serial Number: Not Legible

Work Performed

Aug. 27, 2020
Inspected bearings/pulleys- found to be ok.
Bearings not requiring lubrication.
Belts in good condition.
Unit operational at this time.
2 of A30 belts.

Equipment Name: Exhauster21

Model: G-143-VG-5

Manufacturer: Greenheck

Serial Number: 15240425

Work Performed

Aug. 27, 2020
Fan D.D.
Inspected and tested- all operational at this time.

Equipment Name: Exhauster22

Model: Not Legible

Manufacturer: Unknown

Serial Number: Not Legible

Work Performed

Aug. 27, 2020
Inspected bearings/pulleys- found to be ok.
Bearings not requiring lubrication.
Belt in good condition.
Unit operational at this time.
1 of A34 belt.

Equipment Name: AHU1

Model: RG 9500

Manufacturer: Tempeff

Serial Number: ORD000828

Work Performed

Aug. 27, 2020
Shut off power to unit. Inspected 2 backward Incline Fans- found to be ok.
S/A Backward Incline- greased motor bearings.
R/A(EXH) Backward Incline- no grease ports.
Filters somewhat dirty, not completely plugged.
Checked condition of damper motor/linkages/louvers- tested operation at controller and lubricated, found all to be ok.

Checked VFDs- S/A fan ramping up to 100% over 10 minute span.
R/A(EXH) fan ramping up, topping out at 54.1Hz max operating speed.

Filters- 6 of 20x25x2"pl

Equipment Name: AHU2

Model: RG 1000

Manufacturer: Tempeff

Serial Number: ORD000827



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 # 159876 Details

Call Type	PreventiveMaint
Caller	Dawn Taylor
Date Created	2020-08-04
Purchase Order	PO# 01577
Job #	S003554
Date Completed	Aug. 28, 2020 - 5:59:23 a.m.

Site Information

39 Montcalm Dr. / HWDSB Westmount
39 Montcalm Drive
Hamilton, ON L9C 4B1
Phone: (000)000-0000

Billing Information

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

Work Performed

Aug. 27, 2020
Shut off power to unit. Inspected 2 backward Incline Fans- found to be ok.
Both motors- no grease ports installed.
Filter somewhat dirty, not completely plugged.
Checked condition of damper motor/linkages/louvers- tested operation at controller and lubricated, found all to be ok.

Checked VFDs- both S/A and R/A(EXH) ramping up to 100% over 5 minute span.

Filter- 1 of 16x25x2"pl

Summary

Labor Detail

Technician	Equipment	Labor Type Id	Date	Hours
Thomas Herridge	SV-HVAC	MECH	2020-08-27	8
Total				8

Material / Misc / Flat Rate Details

Equipment	Item	Description	Quantity
-----------	------	-------------	----------

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](#)