



**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 # 159888 Details**

<b>Call Type</b>	PreventiveMaint
<b>Caller</b>	Adam Greco
<b>Date Created</b>	2020-08-04
<b>Purchase Order</b>	PO# 01577
<b>Job #</b>	S003565
<b>Date Completed</b>	Aug. 27, 2020 - 5:57:37 a.m.

**Site Information**

**922 Centre Rd /HWDSB Flamborough Centre**  
922 Centre Road  
Hamilton, ON L8N 2Z7  
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.
  - 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**

Aug. 27, 2020  
Arrived on site- Met with Custodial staff- gained roof access.

**Equipment Name: Exhauster 1**

**Model: 141BCR A**

**Manufacturer: unknown**

**Serial Number: not legible**

**Work Performed**

Aug. 26, 2020  
Lubricated bearings.  
Inspected pulleys- found to be ok.  
Belt worn and should be replaced. Exhauster operational at this time.  
1 of 3L240



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**Equipment Name: Exhauster 2**

**Model: 301 BCR D**

**Manufacturer: unknown**

**Serial Number: not legible**

**Work Performed**

Aug. 26, 2020  
Found 120V at motor, but motor not running.  
Checked continuity of motor windings- motor defective.  
Bearings not requiring grease.  
Belt in good condition.  
1 of A42  
Will provide quotation for motor replacement.

**Equipment Name: Exhauster 3**

**Model: GB-081-4X-QD-R2**

**Manufacturer: Greenheck**

**Serial Number: 04L15596**

**Work Performed**

Aug. 26, 2020  
Belt worn severely, but exhauster running.  
Bearings non- greasable style- inspected found to be ok.  
Checked pulleys- found to be ok.  
Belt needs to be replaced  
1 of 3L 190

**Equipment Name: Exhauster 4**

**Model: 141 BCR A**

**Manufacturer: unknown**

**Serial Number: not legible**

**Work Performed**

Aug. 26, 2020  
Motor new, recently replaced, pulleys in good condition.  
Bearings severely over greased by others, but in good condition. Removed excess grease from bearings.  
Belt worn and should be replaced.  
Unit operational at this time.  
1 of 3L 240

**Equipment Name: Exhauster 5**

**Model: 181 BCR A**

**Manufacturer: Unknown**

**Serial Number: not legible**

**Work Performed**

Aug. 26, 2020  
Motor looks to be brand new, but never yet connected.  
Found switch taken apart inside unit, motor leads not connected. No power at line side of switch. Located multiple disconnects in boiler room labelled for exhaust Fans- all switches found in ON positions. Searched in various rooms below roof exhauster- Unable to locate power source for exhauster.  
  
Bearings found to be over greased previously. Removed as much excess grease as possible.  
  
Put cover plate back onto switch.  
Belt- 1 of 3L240



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**Equipment Name: Exhauster 6**  
**Manufacturer: Unknown**

**Model: 181 BCR A**  
**Serial Number: KM....not legible**

**Work Performed**

Aug. 26, 2020  
Inspected/ Greased bearings. Inspected condition of pulleys- found ok.  
Belt in good condition.  
All operational at this time.  
1 of 3L 240

**Equipment Name: Exhauster 7**  
**Manufacturer: Jenn Air**

**Model: 81 CRA**  
**Serial Number: none**

**Work Performed**

Aug. 26, 2020  
Small D.D. exhauster located on roof- front of school.  
Power feed to exhauster no longer exists- suspect exhauster has not been in service for some time.

**Equipment Name: Exhauster 8**  
**Manufacturer: Painted Over**

**Model: Painted Over**  
**Serial Number: Painted Over**

**Work Performed**

Aug. 26, 2020  
Found 120V at motor, but motor not running.  
Checked continuity of motor windings- motor defective.  
Bearings over greased previously by others.  
Removed as much excess grease as possible.  
Belt in good condition.  
1 of 3L240  
Will provide quotation for motor replacement.

**Equipment Name: Exhauster 9**  
**Manufacturer: Unknown**

**Model: 301 BCR D**  
**Serial Number: not legible**

**Work Performed**

Aug. 26, 2020  
No power at line side of disconnect.  
Searched in various rooms below roof exhauster- Unable to locate power source for exhauster.  
Bearings over greased by others.  
Removed as much excess grease as possible.  
Belt in good condition.  
Motor spins freely.  
1 of A42



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**Equipment Name: Exhauster 10**

**Model: 70 CRA**

**Manufacturer: Jenn Air**

**Serial Number: none**

**Work Performed**

Aug. 26, 2020  
Small D.D. exhauster located on roof- back north side.  
Power feed to exhauster cut and removed from switch inside exhauster (no power).

**Equipment Name: Exhauster 11**

**Model: 80 CRA**

**Manufacturer: Jenn Air**

**Serial Number: none**

**Work Performed**

Aug. 26, 2020  
No power at line side of switch- small D.D. fan  
Searched areas below roof exhauster- Unable to locate power source.

**Equipment Name: AHU-2**

**Model: Unit Number PT8**

**Manufacturer: Trane**

**Serial Number: 452152**

**Work Performed**

Aug. 26, 2020  
Located power source for AHU in boiler room. Locked off disconnect. Returned to roof.  
Removed belt and inspected- starting to crack in multiple places. Replaced belt with spare.  
Greased bearings.  
Replaced filters.  
Pneumatic dampers- tested operation of drums/louvers- monitored movement when air pressure applied and removed- All testing ok.

Filters- 6 of 16x25x1"polywire  
Belt- 1 of B61

**Equipment Name: AHU-1**

**Model: Unit Number T12**

**Manufacturer: Trane**

**Serial Number: 452151**

**Work Performed**

Aug. 26, 2020  
Located power source for AHU in boiler room. Locked off disconnect. Returned to roof.  
Removed belt and inspected- found to be in good condition. Inspected bearings- found to be ok, not requiring grease.  
Replaced filters.  
Pneumatic dampers- Unit running- 100% R/A, Outside air dampers fully closed.

No air pressure at pneumatic damper motors.  
Filters- 8 of 16x25x1"polywire  
Belt- 1 of B79



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**Equipment Name: AHU**

**Model: Unit Number T12-HF-TH**

**Manufacturer: Trane**

**Serial Number: 458247**

**Work Performed**

Aug. 26, 2020  
Located power source for AHU in boiler room. Locked off disconnect. Returned to roof.  
Removed fan guard, removed belt and inspected-found to be worn and starting to crack, no spares on site.  
Bearings not requiring grease.  
Unit operational at this time  
Belt- 1 of B78

**Summary**

**Labor Detail**

Technician	Equipment	Labor Type Id	Date	Hours
Thomas Herridge	SV-HVAC	MECH	2020-08-26	6
Total				6

**Material / Misc / Flat Rate Details**

Equipment	Item	Description	Quantity
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**Customer Signature**

*M/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](#)