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Work Order # 159878 Details	
Call Type	PreventiveMaint
Caller	Vito La Mastra
Date Created	2020-08-04
Purchase Order	PO# 01577
Job#	S003556
Date Completed	Aug. 20, 2020 - 6:21:33 a.m.

Site Information	Billing Information
374 Jerseyville Road West/HWDSB Ancaster	Hamilton Wentworth District School Board
374 Jerseyville Road West	20 Education Court
Ancaster, ON L9G 3K8	Hamilton, ON L9A 0B9
Phone: (000)000-0000	

### **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.
- Check all motors and fans operate correctly. Grease/oil as required.
- Check belts are tight and in good condition.

#### Replace as required.

- Check variable-frequency drive for proper operation.
- Check drain pans for cleanliness and proper slope. Check P-trap on drain pan for proper operation. Clean as required.
- 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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- Check all motors and fans operate correctly. Grease/oil as required.
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### 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.
- Verify control dampers operate properly.
- o Confirm equipment is bringing in outdoor air and removing exhaust air as intended.

### **Work Performed**

Aug. 10/18, 2020

Arrived on site- Met with on site maintenance staff. Obtained roof access.

- Inspected MUAs, Mits multi-zone air handlers, and rooftop exhaust fans.
- greased bearings where required, inspected belts, noted belt/filter sizes, noted deficiencies.

Equipment list has changed from original list provided- All window A/Cs along East Wing and window A/C in main office have been removed as school is replacing all windows associated.

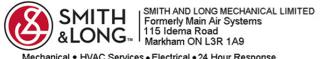
Equipment Name: Multi-zone Condenser Model: PUHY-P72YKMU-A Manufacturer: Mitsubishi Serial Number: 34W00194

### **Work Performed**

Aug. 10/18, 2020

Changed setpoints of all zone controllers to bring on mechanical A/C.

Inspected condenser coils, all electrical connections, condenser fan/compressor operation- All operational at this time.



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374 Jerseyville Road West	20 Education Court
Ancaster, ON L9G 3K8	Hamilton, ON L9A 0B9
Phone: (000)000-0000	

**Equipment Name: Air Handler** Model: PEFY-P12NMAU-E3 Serial Number: 55R05808 Manufacturer: Mitsubishi

Work Performed

Aug. 10/18, 2020

Located equipment in ceiling space- removed filter, washed re-installed. Tested fan operation.

Model: PEFY-P30NMAU-E3 **Equipment Name: Air Handler** Manufacturer: Mitsubishi Serial Number: 54R02108

**Work Performed** 

Aug. 10/18, 2020

Located equipment in ceiling space- removed filter, washed re-installed. Tested fan operation.

Model: PEFY-P12NMAU-E3 **Equipment Name: Air Handler** Manufacturer: Mitsubishi Serial Number: 55R05807

**Work Performed** 

Aug. 10/18, 2020

Located equipment in ceiling space- removed filter, washed re-installed. Tested fan operation.

**Equipment Name: Air Handler** Model: PEFY-P06NMAU-E3 Manufacturer: Mitsubishi Serial Number: 55R01643

**Work Performed** 

Aug. 10/18, 2020

Located equipment in ceiling space- removed filter, washed re-installed. Tested fan operation.

Equipment Name: Exhaust fan and fresh air louvers Model: SPA1050-QD Manufacturer: Greenheck Serial Number: 14107200

**Work Performed** 

Aug. 10, 2020
Checked operation from thermostat of D.D. exhaust fan, and fresh air dampers. Lubricated fresh air damper louvers.

Model: PEFY-P24NMAU-E3 **Equipment Name: Air Handler** Manufacturer: Mitsubishi Serial Number: 45R02195

**Work Performed** 

Aug. 10/18, 2020

Located equipment in ceiling space- removed filter, washed re-installed. Tested fan operation.

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Work Order # 159878 Details	
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Date Created	2020-08-04
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Site Information	Billing Information
374 Jerseyville Road West/HWDSB Ancaster	Hamilton Wentworth District School Board
374 Jerseyville Road West	20 Education Court
Ancaster, ON L9G 3K8	Hamilton, ON L9A 0B9
Phone: (000)000-0000	

**Equipment Name: Air Handler** Model: PEFY-P12NMAU-E3 Manufacturer: Mitsubishi Serial Number: 55R05810

Work Performed

Aug. 10/18, 2020

Located equipment in ceiling space- removed filter, washed re-installed. Tested fan operation.

Model: PEFY-P36NMAU-E3 **Equipment Name: Air Handler** Manufacturer: Mitsubishi Serial Number: 46R01652

**Work Performed** 

Aug. 10/18, 2020

Located equipment in ceiling space- removed filter, washed re-installed. Tested fan operation.

Model: PEFY-P24NMAU-E3 **Equipment Name: Air handler** Manufacturer: Mitsubishi Serial Number: 45R02107

**Work Performed** 

Aug. 10/18, 2020

Located equipment in ceiling space- removed filter, washed re-installed. Tested fan operation.

**Equipment Name: Air Handler** Model: PEFY-P24NMAY-E3 Manufacturer: Mitsubishi Serial Number: 45R02111

**Work Performed** 

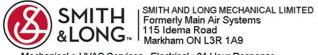
Aug. 10/18, 2020

Located equipment in ceiling space- removed filter, washed re-installed. Tested fan operation.

**Equipment Name: Air Handler** Model: PEFY-P24NMAU-E3 Manufacturer: Mitsubishi Serial Number: 45R02192

**Work Performed** 

Aug. 10/18, 2020
Located equipment in ceiling space- removed filter, washed re-installed. Tested fan operation.



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Work Order # 159878 Details	
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Date Created	2020-08-04
Purchase Order	PO# 01577
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Date Completed	Aug. 20, 2020 - 6:21:33 a.m.

Site Information	Billing Information
374 Jerseyville Road West/HWDSB Ancaster	Hamilton Wentworth District School Board
374 Jerseyville Road West	20 Education Court
Ancaster, ON L9G 3K8	Hamilton, ON L9A 0B9
Phone: (000)000-0000	

Model: FWE285/DJX100/C/0 Serial Number: 53374 AHU-1

Equipment Name: MUA Manufacturer: Engineer Air

**Work Performed** 

Aug. 10/18, 2020

Both fans running on unit.

Greased all bearings, inspected filters. Filters clean. Belts in rough condition- should be replaced.

Filters- 4 of 24x24x2pl 6 of 20x24x2pl

Belts- 2 of B-47 2 of B-76

Equipment Name: Exhauster (Science Lab) Model: none

Manufacturer: Universal Fan and Blower Ltd. Serial Number: Z1733-4

**Work Performed** 

Aug. 10/18, 2020

Inspected bearings/pulleys, greased bearings, tested operation.

Belt should be replaced.

Belt- 1 of 4L260

Equipment Name: Exhauster (science lab) Model: none

Manufacturer: Universal Fan and Blower Ltd. Serial Number: Z17733-1

Work Performed

Aug. 10/18, 2020

Inspected bearings/pulleys, greased bearings, tested operation.

Belt should be replaced.

Belt- 1 of 4L260

Equipment Name: Exhauster (Science Lab) Model: none

Manufacturer: Universal Fan and Blower Ltd. Serial Number: Z1733-3

**Work Performed** 

Aug. 10/18, 2020

Inspected bearings/pulleys, greased bearings, tested operation.

Belt should be replaced.

Belt- 1 of 4L260

Equipment Name: Exhauster (Science Lab) Model: none

Manufacturer: Universal Fan and Blower Ltd. Serial Number: Z1733-5

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Work Order # 159878 Details	
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Date Created	2020-08-04
Purchase Order	PO# 01577
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Date Completed	Aug. 20, 2020 - 6:21:33 a.m.

Site Information	Billing Information
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374 Jerseyville Road West	20 Education Court
Ancaster, ON L9G 3K8	Hamilton, ON L9A 0B9
Phone: (000)000-0000	

### **Work Performed**

Aug. 10/18, 2020

Inspected bearings/pulleys, greased blower bearings. Motor bearings have failed, motor shaft has play, causing unit to run very loud with excessive vibration.

Also Belt should be replaced.

Belt- 1 of 4L260

Left unit off to prevent damage to blower bearings.

Gathered information to provide quotation

**Equipment Name: Exhauster (Science Lab)** Model: none Manufacturer: Universal Fan and Blower Ltd. Serial Number: Z1733-2

**Work Performed** 

Aug. 10/18, 2020

Inspected bearings/pulleys, greased bearings, tested operation.

Belt should be replaced. Belt- 1 of 4L260

**Equipment Name: Exhauster (Science Lab)** Model: none Manufacturer: Universal Fan and Blower Ltd Serial Number: Z1733-6

**Work Performed** 

Aug. 10/18, 2020

Inspected bearings/pulleys, greased bearings, tested operation.

Belt should be replaced.

Belt- 1 of 4L260

**Equipment Name: Exhauster** Model: CUBE-141HP-3-X Manufacturer: Greenheck Serial Number: 14173975

**Work Performed** 

Aug. 18, 2020 Checked operation of exhauster- found all to be ok.

Belt- 1 of 4L390

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Work Order # 159878 Details		
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Date Created	2020-08-04	
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374 Jerseyville Road West	20 Education Court
Ancaster, ON L9G 3K8	Hamilton, ON L9A 0B9
Phone: (000)000-0000	

**Equipment Name: Exhauster** 

Model: CUBE-141HP-3-X Serial Number: 14173975

**Work Performed** 

Aug. 10/18, 2020

Unit turned off inside building- No power at roof disconnect. Unable to locate power source inside building.

Greased bearings.

Belt in very rough condition.

Belt- 1 of AP20

**Equipment Name: Exhauster** Model: none

Manufacturer: n/a Serial Number: none

**Work Performed** 

Aug. 10/18, 2020
Found turned off at rooftop disconnect. Turned on tested operation. Non greaseable type bearings. Belt worn.

Belt: 1 of A47

Turned disconnect off as found

**Equipment Name: Exhauster Model: LO-1505** 

Manufacturer: Breidert Serial Number: 3776.1

**Work Performed** 

Aug. 10/18, 2020

Found unit turned off at rooftop disconnect, belt removed lying in unit. Belt worn and needs to be replaced.

Belt: 1 of AX43

**Equipment Name: Exhauster** Model: none

Manufacturer: Delhi Serial Number: none

**Work Performed** 

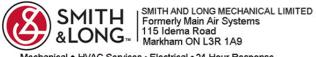
Aug. 10/18, 2020

No power at rooftop disconnect.

Inspected unit- bearings are non-greasable style.

Unable to locate power source inside building, Arthur unaware where exhauster power is fed from.

Belt- 1 of 4L460



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Ancaster, ON L9G 3K8	Hamilton, ON L9A 0B9
Phone: (000)000-0000	

**Equipment Name: Exhauster** 

Model: none

Work Performed

Aug. 10/18, 2020

Checked operation of exhauster- found all to be ok.

Belt- 1 of 4L390

**Equipment Name: Exhauster** Model: none

**Work Performed** 

Aug. 10, 2020

Found unit off, no power at rooftop disconnect.

Greased bearings. Unable to locate power source inside building, Arthur unaware where exhauster power is fed from.

Belt- 1 of 4L820

Model: LO 3005 **Equipment Name: Exhauster** Manufacturer: Breidert Serial Number: 3776

**Work Performed** 

Aug. 10/18, 2020

No power at roof top disconnect. Unable to locate power source inside building, Arthur unaware where exhauster power is fed from.

Greased bearings.

Belt- 1 of A73

Model: LO 3005 **Equipment Name: Exhauster** Manufacturer: Breidert Serial Number: 3776

**Work Performed** 

Aug. 10/18, 2020

No power at rooftop disconnect. Unable to locate power source inside building, Arthur unaware where exhauster power is fed from.

Bearings not requiring grease.

Belt- 1 of A73.

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374 Jerseyville Road West	20 Education Court
Ancaster, ON L9G 3K8	Hamilton, ON L9A 0B9
Phone: (000)000-0000	

**Equipment Name: RTU serving Library** Manufacturer: Engineered Air

Model: FWE93/DJX20/O

Serial Number: B53649 Library H and V

Work Performed Aug. 10/18, 2020

Located unit.

Greased blower bearings. Checked condition of belts- found to be ok. Cleared p-trap.
Tested A/C operation- all operational at this time.

Belts: 1 of 4L590 1 of A50 Filters- 2 of 20x25x2

**Equipment Name: Trane RTU- photography studio** Model: YCD048A3H0AB

## **Work Performed**

Aug. 18, 2020

Unit recently repaired- new blower motor, heat exchanger and heating components changed out.

Tested A/C operation- unit has no refrigerant, requires leak check/repair.

Filters- 2 of 20x25x1"pl Blower motor- D.D.

		Summary			
		Labor Detail			
Technician	Equipment	Labor Type Id	Date	Hours	
Thomas Herridge	SV-HVAC	MECH	2020-08-10	8	
Thomas Herridge	SV-HVAC	MECH	2020-08-18	3	
				Total 11	
		Material / Misc / Flat Ra	te Details		
Equipment	Item	Description			Quantity
SV-HVAC	*Non-inventory*	grease- TH truck stock	·	·	1

Work Order # 159878 Details		
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Ancaster, ON L9G 3K8	Hamilton, ON L9A 0B9
Phone: (000)000-0000	

# **Customer Signature**

WA

### 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