

Appendix C Source Inventory

Source Inventory in UTM Coordinates
Current Sources of Hexavalent Chromium

Source ID	Status	Description	UTM Easting	UTM Northing	Volumetric Flowrate (m3/s)	Stack Diameter (m)	Temp (deg C)	Ht Above Roof (m)	Ht Above Grade (mag)	SourceType
B01	Current	107 Furnace Stack (West)	562035.67	4821499.11	5.280	0.58	324	4.60	32.00	Process Exhaust
B08	Current	General Exhaust Above Furnace	562028.15	4821510.37	14.710	1.22	49	5.40	14.45	General Ventilation
B10	Current	General Exhaust Above T107B F/H	562030.25	4821525.28	14.610	1.24	49	5.40	14.45	General Ventilation
B11	Current	107B Forehearth Stack	562034.66	4821520.18	2.290	0.68	128	2.30	15.09	Process Exhaust
B32	Current	General Exhaust Above T106	562047.16	4821528.02	23.170	1.24	49	5.50	14.48	General Ventilation
B34	Current	General Exhaust Above T107A F/H	562039.70	4821535.65	23.170	1.24	49	5.50	14.48	General Ventilation
B35	Current	General Exhaust Above CFM Main Channel	562047.03	4821543.82	23.170	1.24	49	5.50	14.48	General Ventilation
B38	Current	105 Forehearth Stack	562043.48	4821544.79	2.400	0.75	106	3.70	16.46	Process Exhaust
C79	Current	General Exhaust West CFM F/H	562023.15	4821559.58	15.000	1.41	38	8.30	11.64	General Ventilation
C80	Current	General Exhaust East CFM F/H	562028.25	4821564.97	15.000	1.41	38	8.30	11.64	General Ventilation

Source Inventory in UTM Coordinates
Future Sources of Hexavalent Chromium

Source ID	Status	Description	UTM Easting	UTM Northing	Volumetric Flowrate (m3/s)	Stack Diameter (m)	Temp (deg C)	Ht Above Roof (m)	Ht Above Grade (mag)	SourceType
B08	Current	General Exhaust Above Furnace	562028.15	4821510.37	14.71	1.22	49	5.40	14.45	General Ventilation
B10	Current	General Exhaust Above T107B F/H	562030.25	4821525.28	14.61	1.24	49	5.40	14.45	General Ventilation
B24	Future	105 Furnace Stack (West)	562052.59	4821531.65	1.28	0.33	324	18.63	31.43	Process Exhaust
B25	Future	105 Furnace Stack (East)	562057.67	4821536.90	1.28	0.33	324	18.63	31.43	Process Exhaust
B32	Current	General Exhaust Above T106	562047.16	4821528.02	23.17	1.24	49	5.50	14.48	General Ventilation
B33	Future	Gen Exhaust Above T105 furnace	562055.21	4821536.35	14.71	0.79	49	7.20	20.00	General Ventilation (future)
B34	Current	General Exhaust Above T107A F/H	562039.70	4821535.65	23.17	1.24	49	5.50	14.48	General Ventilation
B35	Current	General Exhaust Above CFM Main Channel	562047.03	4821543.82	23.17	1.24	49	5.50	14.48	General Ventilation
B38	Future	105 Forehearth Stack	562043.48	4821544.79	2.40	0.75	106	15.20	28.00	Process Exhaust
C79	Current	General Exhaust West CFM F/H	562023.15	4821559.58	15.00	1.41	38	8.30	11.64	General Ventilation
C80	Current	General Exhaust East CFM F/H	562028.25	4821564.97	15.00	1.41	38	8.30	11.64	General Ventilation

* sources marked current in this table will remain in the future scenario without any changes to the exhaust stacks.

Site Name: Owens Corning

Site Location: Guelph Glass Plant

Source Summary Table A - Source Inventory Table

Source ID	Description	Plant X	Plant Y	Volumetric Flowrate (m ³ /s)	Stack Dimensions ___x__m	Temp. (C)	Height Above Roof (m)	Height Above Grade (m)	Source Type
999	Comfort Heat Total				x				Combustion - Comfort Heating / Cooling
A01	Cold Room Exhaust	198.4	83.0	23.600	0.5 x 0.5		0.3	13.1	General Ventilation
A02	OUT OF SERVICE (Diesel Room Roof Exhaust)	199.8	78.3	23.600	0.5 x 0.5		0.3	13.1	Out of Service
A03	OUT OF SERVICE (Fresh Air Intake)	199.1	75.0		1.0 x 0.4		0.6	13.4	Out of Service
A04	OUT OF SERVICE (Process Water Room Roof Exhaust)	201.5	70.6		0.9 x 0.9		0.9	13.7	Out of Service
A05	OUT OF SERVICE (Process Water Room Roof Exhaust)	203.2	64.5		0.8 x 0.8		0.3	13.1	Out of Service
A06	Cooling Tower #1	209.9	80.8	1000.000	3.4 x		5.5	18.3	Wet Cooling Tower
A07	Cooling Tower #2	217.2	80.8	1000.000	3.4 x		5.5	18.3	Wet Cooling Tower
A08	OUT OF SERVICE (Cooling Tower #3)	224.5	80.8	1000.000	3.4 x		5.5	18.3	Out of Service

<i>Source ID</i>	<i>Description</i>	<i>Plant X</i>	<i>Plant Y</i>	<i>Volumetric Flowrate (m3/s)</i>	<i>Stack Dimensions _x_m</i>	<i>Temp. (C)</i>	<i>Height Above Roof (m)</i>	<i>Height Above Grade (m)</i>	<i>Source Type</i>
A09	Cooling Water Breathing Pipe #1	209.9	74.5		0.1 x		1.6	14.4	Miscellaneous (lunch room, plumbing vents, etc.)
A10	Cooling Water Breathing Pipe #2	217.2	74.5		0.1 x		1.6	14.4	Miscellaneous (lunch room, plumbing vents, etc.)
A11	Cooling Water Breathing Pipe #3	224.5	74.5		0.1 x		1.6	14.4	Miscellaneous (lunch room, plumbing vents, etc.)
A12	Pre-Mix Level Exhaust #1	209.9	85.5	23.600	0.4 x	27	6.1	18.9	Process Exhaust
A13	Pre-Mix Level Exhaust #2	230.6	80.9	23.600	0.4 x	28	6.1	18.9	Process Exhaust
A14	Air Make-up - Pre-Mix Level	233.6	80.3		1.2 x 1.2		2.3	15.1	Intake
A15	Air Make-up - Mix and Circ. Levels	233.8	77.4		1.7 x 1.4		4.6	17.4	Intake
A16	OUT OF SERVICE (104 Furnace Hall Exhaust #1)	245.7	77.8	23.600	1.8 x		2.0	14.8	Out of Service
A17	OUT OF SERVICE (104 Furnace Hall Exhaust #2)	245.7	74.1	23.600	1.8 x		2.0	14.8	Out of Service
A18	OUT OF SERVICE (104 Furnace Hall Exhaust #3)	245.7	70.5	23.600	1.8 x		2.0	14.8	Out of Service
A19	OUT OF SERVICE (104 Forehearth Stack)	247.2	78.4	0.500	0.4 x	450	2.9	15.7	Out of Service

<i>Source ID</i>	<i>Description</i>	<i>Plant X</i>	<i>Plant Y</i>	<i>Volumetric Flowrate (m3/s)</i>	<i>Stack Dimensions _x_m</i>	<i>Temp. (C)</i>	<i>Height Above Roof (m)</i>	<i>Height Above Grade (m)</i>	<i>Source Type</i>
A20	OUT OF SERVICE (104 Furnace Dust Collector Ex.)	246.0	64.5	0.330	0.1 x		0.9	23.2	Out of Service
A21	OUT OF SERVICE (104 Furnace Stack)	246.6	63.3	1.500	0.8 x	690	5.3	27.6	Out of Service
A22	OUT OF SERVICE (104 Spill Air Relief)	245.7	61.8		0.3 x		2.0	24.2	Out of Service
A23	OUT OF SERVICE (103 Furnace Hall Exhaust #1)	255.5	77.8	23.600	1.8 x		2.0	24.3	Out of Service
A24	OUT OF SERVICE (103 Furnace Hall Exhaust #2)	255.5	74.1	23.600	1.8 x		2.0	24.3	Out of Service
A25	OUT OF SERVICE (103 Furnace Hall Exhaust #3)	255.5	70.5	23.600	1.8 x		2.0	24.3	Out of Service
A26	OUT OF SERVICE (103 Forehearth Stack)	257.0	78.4	0.500	0.4 x	450	2.7	25.0	Out of Service
A27	OUT OF SERVICE (103 Furnace Dust Collector Ex.)	256.4	64.5	0.330	0.1 x	20	1.2	23.5	Out of Service
A28	OUT OF SERVICE (103 Furnace Stack)	257.0	63.3	1.500	0.8 x	690	5.3	27.6	Out of Service
A29	OUT OF SERVICE (103 Spill Air Relief)	256.1	61.8		0.3 x		2.0	24.2	Out of Service

<i>Source ID</i>	<i>Description</i>	<i>Plant X</i>	<i>Plant Y</i>	<i>Volumetric Flowrate (m3/s)</i>	<i>Stack Dimensions _x_m</i>	<i>Temp. (C)</i>	<i>Height Above Roof (m)</i>	<i>Height Above Grade (m)</i>	<i>Source Type</i>
A30	OUT OF SERVICE (I/T #3 For A/C Rotospray)	260.8	78.7		1.7 x 2.3		1.5	14.3	Out of Service
A31	OUT OF SERVICE (I/T #4 For A/C Rotosproy)	263.6	78.8		1.2 x 1.2		1.8	14.6	Out of Service
A32	OUT OF SERVICE (102 Furnace Hall Roof Exhaust)	267.8	73.7		2.1 x 6.0		0.9	13.7	Out of Service
A33	OUT OF SERVICE (102 Forehearth Stack)	269.9	80.0	0.500	0.4 x	450	2.7	15.5	Out of Service
A34	OUT OF SERVICE (102 Furnace Stack)	267.4	63.5	1.500	0.8 x	690	14.8	27.6	Out of Service
A35	OUT OF SERVICE (102 Spill Air Relief)	267.4	62.0		0.2 x		5.8	18.6	Out of Service
A36	OUT OF SERVICE (101 Furnace Hall Roof Exhaust)	276.7	74.2		2.1 x 6.0		0.9	13.7	Out of Service
A37	OUT OF SERVICE (101 Forehearth Stack)	278.7	80.0	0.500	0.4 x	459	2.7	15.5	Out of Service
A38	OUT OF SERVICE (101 Furnace Stack)	276.3	63.5	1.600	0.8 x	740	14.8	27.6	Out of Service
A39	OUT OF SERVICE (101 Spill Air Relief)	276.3	62.0		0.2 x		5.8	18.6	Out of Service

<i>Source ID</i>	<i>Description</i>	<i>Plant X</i>	<i>Plant Y</i>	<i>Volumetric Flowrate (m3/s)</i>	<i>Stack Dimensions _x_m</i>	<i>Temp. (C)</i>	<i>Height Above Roof (m)</i>	<i>Height Above Grade (m)</i>	<i>Source Type</i>
A40	OUT OF SERVICE (AR-1 Scrap Tunnel Exhaust)	287.5	74.8	23.900	1.5 x		4.0	16.8	Out of Service
A41	OUT OF SERVICE (102 Furnace Dust Collector Ex.)	283.4	64.1	0.330	0.2 x	20	9.4	22.3	Out of Service
A42	OUT OF SERVICE (101 Furnace Dust Collector Ex.)	283.4	62.6	0.330	0.2 x	20	9.4	22.3	Out of Service
A43	OUT OF SERVICE (AR-2 Scrap Tunnel Exhaust)	241.2	85.0	23.900	1.2 x		3.8	16.6	Out of Service
A44	OUT OF SERVICE (104 Process Water Breathing Pipe)	243.8	87.4		0.2 x		1.6	14.4	Out of Service
A45	OUT OF SERVICE (103 Process Water Breathing Pipe)	260.5	87.5		0.2 x		1.6	14.4	Out of Service
A46	OUT OF SERVICE (102 Process Water Breathing Pipe)	263.6	87.5		0.2 x		1.6	14.4	Out of Service
A47	OUT OF SERVICE (101 Process Water Breathing Pipe)	275.2	87.5		0.2 x		1.6	14.4	Out of Service
A48	OUT OF SERVICE (Combustion Air Intake)	247.3	57.5		0.8 x			3.5	Out of Service
A49	OUT OF SERVICE (Combustion Air Intake)	254.3	57.5		0.8 x			3.5	Out of Service

<i>Source ID</i>	<i>Description</i>	<i>Plant X</i>	<i>Plant Y</i>	<i>Volumetric Flowrate (m3/s)</i>	<i>Stack Dimensions _x_m</i>	<i>Temp. (C)</i>	<i>Height Above Roof (m)</i>	<i>Height Above Grade (m)</i>	<i>Source Type</i>
A50	OUT OF SERVICE (Air Intake)	266.5	57.5		1.0 x 1.0			3.5	Out of Service
A51	OUT OF SERVICE (Air Intake)	267.0	57.5		1.0 x 1.0			2.0	Out of Service
A52	OUT OF SERVICE (Combustion Air Intake)	271.8	57.5		0.8 x			3.5	Out of Service
A53	OUT OF SERVICE (Electrical Room Exhaust)	279.6	57.5		0.3 x 0.2			2.0	Out of Service
A54	OUT OF SERVICE (Combustion Air Intake)	283.0	57.5		0.8 x			3.5	Out of Service
A55	AC Unit	303.6	73.3		x			4.6	HVAC (non combustion)
A56	HVAC Unit, Eng. Office	301.3	81.7		x			9.1	Combustion - Comfort Heating / Cooling
A57	OUT OF SERVICE (Nat.Gas Heater, Binder Rm. Overhead Door)	230.9	71.8		0.2 x			6.1	Out of Service
A58	Cooling Tower #4	202.0	80.8		7.9 x 6.4	25	5.5	18.3	Wet Cooling Tower
A59	Parts Cleaning Exhaust	290.6	75.3		x				General Ventilation
B01	107 Furnace Stack (West)	135.6	57.7	5.280	0.8 x	324	4.6	32.0	Process Exhaust

<i>Source ID</i>	<i>Description</i>	<i>Plant X</i>	<i>Plant Y</i>	<i>Volumetric Flowrate (m3/s)</i>	<i>Stack Dimensions ___x__m</i>	<i>Temp. (C)</i>	<i>Height Above Roof (m)</i>	<i>Height Above Grade (m)</i>	<i>Source Type</i>
B02	OUT OF SERVICE (107 Furnace Stack (East))	140.9	57.3	2.100	0.8 x	640	4.6	32.0	Out of Service
B03	107 Spill Air Exhaust (West)	135.4	60.4		0.2 x		2.3	29.8	Relief Valve
B04	OUT OF SERVICE (107 Spill Air Exhaust (East))	140.9	60.4		0.2 x		2.3	29.8	Out of Service
B05	107 Dust Collector Ex. (West)	132.6	66.2	0.330	0.2 x	20	10.8	23.6	Process Exhaust
B06	107 Dust Collector Ex. (East)	143.9	66.2	0.330	0.2 x	20	10.8	23.6	Process Exhaust
B07	107C Process Water Vent	134.5	77.0		0.2 x		2.3	15.1	Relief Valve
B08	General Exhaust Above Furnace			14.710	1.2 x	49	5.4	14.5	General Ventilation
B09	Gen Exhaust Above T107C F/H			23.610	4.0 x	40	5.4	18.3	Out of Service
B10	General Exhaust Above T107B F/H			14.710	1.2 x	49	5.4	14.5	General Ventilation
B11	107B Forehearth Stack	150.1	73.0	2.290	0.7 x	128	2.3	15.1	Process Exhaust
B12	REMOVED (107C Forehearth Stack)	138.4	82.5	0.500	0.5 x	450	3.3	16.0	Removed

<i>Source ID</i>	<i>Description</i>	<i>Plant X</i>	<i>Plant Y</i>	<i>Volumetric Flowrate (m3/s)</i>	<i>Stack Dimensions _x_m</i>	<i>Temp. (C)</i>	<i>Height Above Roof (m)</i>	<i>Height Above Grade (m)</i>	<i>Source Type</i>
B13	Forming Vent. In-Take (capped)	142.4	86.5		1.8 x 1.8		2.1	14.9	Out of Service
B14	Forming Vent. In-Take (capped)	145.4	86.5		1.8 x 1.8		2.1	14.9	Out of Service
B15	107C Forming Scrap Tunnel Exhaust	128.4	89.2	19.200	1.2 x 1.5	27	2.1	14.9	Process Exhaust
B16	107B Forming Scrap Tunnel Exhaust	156.5	89.0	19.200	1.2 x 1.5	27	2.1	14.9	Process Exhaust
B17	107A Process Water Vent	156.5	80.8		0.2 x		2.1	14.9	Relief Valve
B18	OUT OF SERVICE (107 Forehearth Relief Pipe #1)	153.6	61.7		0.3 x			9.1	Out of Service
B19	OUT OF SERVICE (107 Forehearth Relief Pipe #2)	154.5	61.7		0.3 x			9.1	Out of Service
B20	OUT OF SERVICE (107 Forehearth Relief Pipe #3)	155.5	61.7		0.3 x			9.1	Out of Service
B21	REMOVED (Winder Panel Spray Booth Ex.)	156.7	61.4		0.5 x		2.4	12.8	Removed
B22	OUT OF SERVICE (106 Furnace Stack (West))	161.2	62.2		0.5 x		4.0	27.8	Out of Service

<i>Source ID</i>	<i>Description</i>	<i>Plant X</i>	<i>Plant Y</i>	<i>Volumetric Flowrate (m3/s)</i>	<i>Stack Dimensions _x_m</i>	<i>Temp. (C)</i>	<i>Height Above Roof (m)</i>	<i>Height Above Grade (m)</i>	<i>Source Type</i>
B23	OUT OF SERVICE (106 Furnace Stack (East))	163.4	62.2		0.5 x		4.0	27.8	Out of Service
B24	105 Furnace Stack (West)	170.8	68.1	1.300	0.5 x	300	4.0	27.8	Process Exhaust
B25	105 Furnace Stack (East)	178.1	68.1	1.300	0.5 x	300	4.0	27.8	Process Exhaust
B26	OUT OF SERVICE (106 Spill Air Exhaust (East))	161.2	63.7		0.2 x		2.4	26.2	Out of Service
B27	OUT OF SERVICE (106 Spill Air Exhaust (West))	163.4	63.7		0.2 x		2.4	26.2	Out of Service
B28	REMOVED (105 Spill Air Exhaust (East))	173.4	63.7		0.2 x		2.5	26.3	Removed
B29	REMOVED (105 Spill Air Exhaust (West))	175.9	63.7		0.2 x		2.5	26.3	Removed
B30	OUT OF SERVICE (106 Dust Collector Exhaust)	164.6	67.6	0.330	0.2 x 0.2	20	10.8	23.6	Out of Service
B31	OUT OF SERVICE (105 Dust Collector Exhaust)	175.3	67.6	0.330	0.2 x 0.2	20	10.8	23.6	Out of Service
B32	General Exhaust Above T106			23.320	1.2 x	49	5.5	14.5	General Ventilation

<i>Source ID</i>	<i>Description</i>	<i>Plant X</i>	<i>Plant Y</i>	<i>Volumetric Flowrate (m3/s)</i>	<i>Stack Dimensions _x_m</i>	<i>Temp. (C)</i>	<i>Height Above Roof (m)</i>	<i>Height Above Grade (m)</i>	<i>Source Type</i>
B33	OUT OF SERVICE (Gen Exhaust Above T105)	176.0	69.5	23.610	4.1 x	40	5.5	18.3	Out of Service
B34	General Exhaust Above T107A F/H			23.320	1.2 x	49	5.5	14.5	General Ventilation
B35	General Exhaust Above CFM Main Channel			23.320	1.2 x	49	5.5	14.5	General Ventilation
B36	OUT OF SERVICE (105 Process Water Vent)	170.2	79.2		0.2 x		2.3	15.1	Out of Service
B37	OUT OF SERVICE (107A Forehearth Stack)	163.5	83.8	0.500	0.5 x	450	2.4	15.2	Out of Service
B38	105 Forehearth Stack	173.9	83.8	2.400	0.8 x	106	3.7	16.5	Process Exhaust
B39	107A Forming Scrap Tunnel Exhaust	165.2	89.0	14.000	0.9 x 1.1	27	2.1	14.9	Process Exhaust
B40	OUT OF SERVICE (105 Forming Scrap Tunnel Exhaust)	170.9	83.9	16.500	0.6 x 0.5	25	3.7	16.5	Out of Service
B41	OUT OF SERVICE (105 Forehearth Blow-off)	174.9	91.4		0.2 x		5.5	14.6	Out of Service
B42	OUT OF SERVICE (106 Forehearth Blow-off)	177.0	91.4		0.2 x		5.5	14.6	Out of Service

<i>Source ID</i>	<i>Description</i>	<i>Plant X</i>	<i>Plant Y</i>	<i>Volumetric Flowrate (m3/s)</i>	<i>Stack Dimensions _x_m</i>	<i>Temp. (C)</i>	<i>Height Above Roof (m)</i>	<i>Height Above Grade (m)</i>	<i>Source Type</i>
B43	Bathroom Plumbing Vent	148.5	91.3		0.1 x		4.9	14.1	Miscellaneous (lunch room, plumbing vents, etc.)
B44	Bathroom Exhaust	147.6	91.3		0.2 x		1.0	10.2	Miscellaneous (lunch room, plumbing vents, etc.)
B45	Roof Drain Pipe	187.2	85.5		0.1 x				Miscellaneous (lunch room, plumbing vents, etc.)
B46	Nat.Gas Safety Relief Pipe	186.9	84.3		0.1 x				Relief Valve
B47	Diesel Room Roof Exhaust #1	191.6	84.9		1.1 x 1.1		1.2	7.6	General Ventilation
B48	Diesel Combustion Air Intake #1	192.7	84.9		0.4 x		1.2	7.6	Intake
B49	OUT OF SERVICE (Diesel Generator Exhaust #1)	196.2	84.7		0.5 x		8.8	15.2	Out of Service
B50	Diesel Combustion Air Intake #2	196.2	83.5		0.4 x		1.3	7.7	Intake
B51	Diesel Generator Exhaust #1,2&3	196.2	81.7		0.6 x		11.7	14.5	Combustion - Emergency Equipment
B52	Tunnel Vent	196.2	80.5		0.5 x		1.8	8.2	General Ventilation
B53	OUT OF SERVICE (Diesel Generator Exhaust #3)	196.2	79.4		0.5 x		8.8	15.2	Out of Service

<i>Source ID</i>	<i>Description</i>	<i>Plant X</i>	<i>Plant Y</i>	<i>Volumetric Flowrate (m3/s)</i>	<i>Stack Dimensions _x_m</i>	<i>Temp. (C)</i>	<i>Height Above Roof (m)</i>	<i>Height Above Grade (m)</i>	<i>Source Type</i>
B54	OUT OF SERVICE (Diesel Combustion Air Intake #3)	196.2	78.3		0.4 x		1.2	7.6	Out of Service
B55	Diesel Room Roof Exhaust #2	194.3	76.8		1.1 x 1.1		1.2	7.6	General Ventilation
B56	OUT OF SERVICE (High Pressure Steam Heater Ex.)	192.8	75.1		0.4 x		1.4	7.8	Out of Service
B57	Intake for Wind Cooling	150.2	62.3		9.0 x 2.0			5.0	Intake
B58	Intake for Combustion Blowers	149.2	62.3		9.0 x 2.0			8.0	Intake
B59	OUT OF SERVICE (Intake for Combustion Blowers)	159.0	57.3		0.8 x			3.5	Out of Service
B60	OUT OF SERVICE (Intake for Combustion Blowers)	173.8	57.3		0.6 x 0.6			3.5	Out of Service
B61	OUT OF SERVICE (Intake for Combustion Blowers)	178.1	57.3		0.8 x			3.5	Out of Service
B62	REMOVED (Nat.Gas Space Heater Exhaust)	170.0	67.1		0.2 x		0.9	5.5	Removed
B63	REMOVED (Nat.Gas Space Heater Exhaust)	170.1	57.2		0.2 x		0.9	5.5	Removed

<i>Source ID</i>	<i>Description</i>	<i>Plant X</i>	<i>Plant Y</i>	<i>Volumetric Flowrate (m3/s)</i>	<i>Stack Dimensions _x_m</i>	<i>Temp. (C)</i>	<i>Height Above Roof (m)</i>	<i>Height Above Grade (m)</i>	<i>Source Type</i>
C01	REMOVED (Intake for Charge of Drying Oven)				0.7 x		0.6	8.8	Removed
C02	REMOVED (No.5 Oven Exhaust (West))	205.8	99.1		0.4 x		2.3	10.6	Removed
C03	REMOVED (No.5 Oven Exhaust (East))	218.0	98.5		0.4 x		2.3	10.6	Removed
C04	REMOVED (No.5 Oven Exit Hood)	227.7	98.8		0.6 x		3.0	11.2	Removed
C05	REMOVED (No.6 Oven Exhaust (West))	206.1	101.6		0.4 x		2.4	10.6	Removed
C06	REMOVED (No.6 Oven Exhaust (East))	218.0	101.6		0.4 x		2.4	10.6	Removed
C07	REMOVED (No.6 Oven Exit Hood)	227.7	101.4		0.6 x		2.8	11.1	Removed
C08	REMOVED (No.7 Oven Burner)	211.8	102.5		0.6 x	140	2.7	11.0	Removed
C09	REMOVED (No.7 Oven,Lanes 5&6 Exhaust)	211.6	105.5		0.5 x	140	3.1	11.3	Removed
C10	REMOVED (Roof Exhaust)	221.3	101.9	3.780	0.9 x	25	1.2	9.4	Removed
C100	CFM Forming Tunnel	169.8	95.8	6.000	0.4 x	25	4.0	13.2	Process Exhaust

<i>Source ID</i>	<i>Description</i>	<i>Plant X</i>	<i>Plant Y</i>	<i>Volumetric Flowrate (m3/s)</i>	<i>Stack Dimensions _x_m</i>	<i>Temp. (C)</i>	<i>Height Above Roof (m)</i>	<i>Height Above Grade (m)</i>	<i>Source Type</i>
C101	CFM Forming Tunnel	178.4	96.1	6.000	0.4 x	25	4.0	13.2	Process Exhaust
C102	Room Ventilation CFM end of line 1 of 2	172.3	178.3		x				General Ventilation
C102-2	P&F Oven Area Roof Exhaust	160.9	104.4		x				General Ventilation
C103	Room Ventilation - CFM End of Line 2 of 2	190.1	178.9		x				General Ventilation
C104	A/C Unit	145.6	105.7		x				Intake
C104A	Wall Louvers North CFM oven area	179.5	166.8		x				General Ventilation
C104B	Wall Louvers North CFM oven area	179.5	161.9		x				General Ventilation
C104C	Wall Louvers North CFM Area	179.5	155.7		x				General Ventilation
C105	Roof Exhaust P&F Ovens Area	145.2	137.7		x				General Ventilation
C106	Air Inlet - P&F Ovens Area	161.2	122.1		x				Intake
C107	Air Inlet - P&F Oven Area	145.7	122.4		x				Intake

<i>Source ID</i>	<i>Description</i>	<i>Plant X</i>	<i>Plant Y</i>	<i>Volumetric Flowrate (m3/s)</i>	<i>Stack Dimensions _x_m</i>	<i>Temp. (C)</i>	<i>Height Above Roof (m)</i>	<i>Height Above Grade (m)</i>	<i>Source Type</i>
C108	Natural Gas Heater Exhaust	161.4	149.1		x				Combustion - Comfort Heating / Cooling
C109	Natural Gas Heater Exhaust	194.3	149.3		x				Combustion - Comfort Heating / Cooling
C11	REMOVED (No.8 Oven, Lane 7 Exhaust)	203.4	106.2	0.3	x	140	2.8	11.0	Removed
C110	Natural Gas Heater Exhaust	161.0	132.7		x				Combustion - Comfort Heating / Cooling
C111	CSM Creel HVAC Unit #2	237.1	114.5		x				Intake
C12	REMOVED (No.8 Oven, Lane 7 Burner)	206.4	106.2	0.3	x	140	3.2	11.4	Removed
C13	REMOVED (No.8 Oven, Lane 8 Exhaust)	203.1	108.0	0.3	x	140	2.8	11.0	Removed
C14	REMOVED (No.9 Oven,Lane 9 Exhaust)	203.1	110.1	0.6	x	140	3.5	11.7	Removed
C15	REMOVED (No.8 Oven, Lane 8 Burner)	215.9	107.4	0.3	x	140	3.2	11.4	Removed
C16	REMOVED (Roof Exhaust)	221.3	108.9	3.780	0.9		1.2	9.4	Removed
C17	REMOVED (No.9 Oven,Lane 9 Burner)-	217.4	114.4		0.2	140	1.8	10.0	Removed

<i>Source ID</i>	<i>Description</i>	<i>Plant X</i>	<i>Plant Y</i>	<i>Volumetric Flowrate (m3/s)</i>	<i>Stack Dimensions _x_m</i>	<i>Temp. (C)</i>	<i>Height Above Roof (m)</i>	<i>Height Above Grade (m)</i>	<i>Source Type</i>
C18	REMOVED (No.7 Oven Exit Hood)	227.7	105.4		0.7 x	140	3.0	11.3	Removed
C19	REMOVED (No.8 Oven Exit Hood)	227.7	107.8		0.6 x	140	3.7	11.9	Removed
C20	REMOVED (No.9 Oven Exit Hood)	227.7	111.2		0.9 x	140	3.3	11.6	Removed
C21	REMOVED (No.10 Oven, Lane 11 Exhaust)	203.1	113.3		0.3 x 0.4	140	2.7	11.0	Removed
C22	REMOVED (No.10 Oven, Lane 12 Exhaust)	203.2	115.1		0.3 x 0.4	140	2.7	11.0	Removed
C23	REMOVED (No.10 Oven, Lane 11 Burner)	207.0	112.7		0.2 x 0.2	140	3.1	11.3	Removed
C24	REMOVED (No.10 Oven, Lane 12 Burner)	217.4	114.4		0.2 x 0.2	140	3.1	11.3	Removed
C25	REMOVED (No.10 Oven Exit Hood)	227.7	113.9		1.0 x	140	3.4	11.7	Removed
C26	OUT OF SERVICE (No.11 Oven, Lane 13 Exhaust)	198.8	115.5		0.4 x	140	2.0	10.2	Out of Service
C27	OUT OF SERVICE (No.11 Oven, Lane 14 Exhaust)	198.5	118.8		0.4 x	140	1.9	10.1	Out of Service

<i>Source ID</i>	<i>Description</i>	<i>Plant X</i>	<i>Plant Y</i>	<i>Volumetric Flowrate (m3/s)</i>	<i>Stack Dimensions _x_m</i>	<i>Temp. (C)</i>	<i>Height Above Roof (m)</i>	<i>Height Above Grade (m)</i>	<i>Source Type</i>
C28	OUT OF SERVICE (No.11 Oven, Lane 13 Burner)	204.9	118.5		0.3 x	140	2.1	10.4	Out of Service
C29	OUT OF SERVICE (No.11 Oven, Lane 14 Burner)	216.8	118.3		0.3 x	140	2.0	10.2	Out of Service
C30	OUT OF SERVICE (No.11 Oven Exit Hood)	225.3	117.4		0.7 x	140	2.6	10.9	Out of Service
C31	OUT OF SERVICE (Locker Room HVAC Unit)	192.7	89.9		x			8.2	Out of Service
C32	QC Muffle Oven	210.7	90.4		0.5 x 0.5		0.2	8.5	Process Exhaust
C33	OUT OF SERVICE (Hot Water Heater Exhaust)	210.4	92.1		0.3 x		0.4	8.6	Out of Service
C34	Washroom Exhaust	218.7	91.9		0.9 x 0.9		0.3	8.5	Miscellaneous (lunch room, plumbing vents, etc.)
C35	OUT OF SERVICE (Hood Ex. For Re-conditioning Rm)	225.4	95.6		0.2 x 0.4		1.1	9.4	Out of Service
C36	OUT OF SERVICE (A-Wing Forehearth Blow-OFF (top))	234.2	87.5		0.2 x		2.2	10.5	Out of Service
C37	OUT OF SERVICE (A-Wing Forehearth Blow-OFF (mid))	234.2	87.5		0.2 x		1.9	10.1	Out of Service

<i>Source ID</i>	<i>Description</i>	<i>Plant X</i>	<i>Plant Y</i>	<i>Volumetric Flowrate (m3/s)</i>	<i>Stack Dimensions __x__m</i>	<i>Temp. (C)</i>	<i>Height Above Roof (m)</i>	<i>Height Above Grade (m)</i>	<i>Source Type</i>
C38	OUT OF SERVICE (A-Wing Forehearth Blow-OFF (btm))	234.9	87.6		0.2 x		1.1	9.4	Out of Service
C39	OUT OF SERVICE (Condensate Vent for Boiler)	239.2	95.5		0.1 x		1.4	9.6	Out of Service
C40	Roof Exhaust for Lunch Room	244.0	92.1		0.7 x 0.5		0.4	8.6	Miscellaneous (lunch room, plumbing vents, etc.)
C41	Lunch Room A/C Unit	246.4	88.7		x				HVAC (non combustion)
C42	Forming Supervisor's A/C Unit	250.0	92.0		x				HVAC (non combustion)
C43	Mat Line PRD Air Intake	201.6	141.7		0.9 x		1.3	9.5	Intake
C44	OUT OF SERVICE (Fresh Air Intake West of Roll-up)	187.6	136.0		0.5 x		1.0	9.2	Out of Service
C45	OUT OF SERVICE (Ambient Mat Line Control Exhaust)	197.3	137.1	9.330	1.2 x		2.7	11.0	Out of Service
C46	Roof Stairwell	221.0	135.5		0.8 x 2.4		0.2	8.4	General Ventilation
C47	Q/C Checker Hood Exhaust	198.5	130.4		0.4 x		2.4	10.6	Process Exhaust
C48	Mat Line Oven Charge Stack	220.4	142.9	3.880	0.4 x	37	3.3	11.6	Process Exhaust

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C49	Mat Line Main Oven Stack	214.6	143.8	5.390	0.7 x	208	6.3	14.5	Process Exhaust
C50	Mat Line Oven Discharge Stack	206.7	142.6	2.380	0.4 x	175	3.0	11.2	Process Exhaust
C51	Mat Line PRD Stack	206.7	135.0	9.440	0.7 x		4.2	12.4	Process Exhaust
C52	Roof Exhaust	211.6	141.4	3.780	1.3 x		1.5	9.7	General Ventilation
C53	Roof Exhaust	214.6	137.1	3.780	0.9 x		1.2	9.5	General Ventilation
C54	Roof Exhaust	224.4	135.9	13.900	1.3 x		1.5	9.7	General Ventilation
C55	Mat Line Elect. Control Rm. A/C	221.0	130.3		x				HVAC (non combustion)
C56	Creel Rm. A/C Unit	237.6	135.4		x				HVAC (non combustion)
C57	Scrubber Room Roof Exhaust	245.1	137.4		0.9 x		1.3	9.5	General Ventilation
C58	OUT OF SERVICE (Milled Fibre Exhaust)	252.4	156.9		0.9 x		1.2	9.4	Out of Service
C59	OUT OF SERVICE (Milled Fibre Process Exhaust)	249.1	161.2	1.420	0.3 x	25	0.9	9.1	Out of Service

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C60	Binder Circ. Tank Exhaust	220.7	89.4	0.980	0.5 x	28	14.6	22.8	Process Exhaust
C61	REMOVED (Curing Oven Roof Intake/Exhaust)	200.6	107.7	3.780	0.9 x		1.0	9.3	Removed
C62	Removed (connected to filter box)				x				Removed
C65	No. 12 Oven Burner Exhaust	148.9	124.3	0.320	0.2 x	140	1.8	11.0	Process Exhaust
C66	No. 13 Oven Burner Exhaust	145.8	124.3		0.2 x	140	1.8	11.0	Process Exhaust
C67	No. 14 Oven Burner Exhaust	142.8	124.3	0.320	0.2 x	140	1.8	11.0	Process Exhaust
C68	No. 15 Oven Burner Exhaust	164.8	124.3	0.320	0.2 x	140	1.8	11.0	Process Exhaust
C69	No. 16 Oven Burner Exhaust	161.8	124.3	0.320	0.2 x	140	1.8	11.0	Process Exhaust
C70	No. 17 Oven Burner Exhaust	158.8	124.3	0.320	0.2 x	140	1.8	11.0	Process Exhaust
C71	CSM Heat Sealer Ventilation Exhaust	194.0	134.8	0.660	0.3 x	25	1.8	11.0	Process Exhaust
C72	CFM Forming Tunnel	170.4	104.6	6.000	0.4 x	21	4.0	13.2	Process Exhaust

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C73	CFM Binder Cyclone	167.7	128.6	2.100	0.3 x	21	1.8	11.0	Process Exhaust
C75	CFM RTO - Oven	153.6	144.8	11.000	0.6 x	245	6.0	15.2	Process Exhaust
C76	REMOVED (CFM Cooling Section)			0.500	0.2 x	21	1.8	11.0	Removed
C77	CFM End-of-Line Checker Oven Exhaust	181.5	178.4	0.660	0.3 x	25	1.8	11.0	Process Exhaust
C79	General Exhaust West CFM F/H			15.010	1.4 x	38	8.3	11.6	General Ventilation
C80	General Exhaust East CFM F/H			15.010	1.4 x	38	8.3	11.6	General Ventilation
C81	Room Ventilation CFM Ovens	176.7	130.3		x	25			General Ventilation
C82	Room Ventilation CFM Ovens	176.7	136.5		x	25			General Ventilation
C83	Room Ventilation CFM Ovens	176.5	145.8		x	25			General Ventilation
C84	Room Ventilation CFM Ovens	176.4	152.3		x				General Ventilation
C85	Room Ventilation CFM Ovens	176.1	159.8		x				General Ventilation

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C86	Roof Exhauster	176.4	167.8		x				General Ventilation
C87	Room Ventilation CFM Electrical Substation	199.0	100.3		x				General Ventilation
C88	HVAC System	187.7	101.8		x				HVAC (non combustion)
C89	HVAC System	186.6	121.6		x				HVAC (non combustion)
C90	CFM Electrical Substation	199.1	95.7		x				Miscellaneous (lunch room, plumbing vents, etc.)
C91	CSM End-of-Line Ventilation System	195.2	130.4		x				General Ventilation
C92	CFM Combustion Air	167.9	92.6		x				Intake
C92-2	OUT OF SERVICE (Air Inlet - 105 Forehearth Area)	177.0	117.7		x				Out of Service
C93	CFM Combustion Air Intake	179.7	92.8		x				Intake
C94	CFM Cooling Section	188.7	91.4		x				Intake
C95	OUT OF SERVICE (CFM Combustion Air Forehearths)				x				Out of Service

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C96	West Oscillator Drive Room Supply Air	168.0	94.5		x				Intake
C97	CFM Binder Application Makeup Air				x				Intake
C98	CFM Edge Trim Makeup Air	172.5	172.7		x				Intake
C99	CFM Forming Tunnel	178.0	104.7	6.000	0.4 x	25	4.0	13.2	Process Exhaust
D01	OUT OF SERVICE (Drying Oven Exhaust)	279.1	100.2		0.5 x 0.5		0.7	5.2	Out of Service
D02	A/C Unit No.10	289.7	101.1		x				HVAC (non combustion)
D03	A/C Unit No.11	274.0	118.7		x				HVAC (non combustion)
D04	A/C Unit No.12	289.7	118.7		x				HVAC (non combustion)
D05	OUT OF SERVICE (Roof Exhaust - Packing Area)	272.7	120.6		0.6 x 0.6		0.7	5.3	Out of Service
D06	OUT OF SERVICE (Roof Exhaust)	261.8	121.9		0.8 x 0.8		0.8	5.3	Out of Service
D07	OUT OF SERVICE (Roof Exhaust)	261.8	136.3		0.2 x		0.8	5.4	Out of Service

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D08	OUT OF SERVICE (Roof Exhaust)	268.5	136.3		0.2 x		1.4	5.9	Out of Service
D09	OUT OF SERVICE (Roof Exhaust)	273.7	132.3		0.6 x 0.6		0.7	5.3	Out of Service
D10	OUT OF SERVICE (A/C Unit No.13)	289.7	131.8		x				Out of Service
D11	OUT OF SERVICE (A/C Unit No.14)	305.5	138.9		x				Out of Service
D12	OUT OF SERVICE (A/C Unit No.15)	305.8	147.3		x				Out of Service
D13	A/C Unit No.16	307.4	173.0		x				HVAC (non combustion)
D14	Alloy Shop Finishing Room Exhaust	285.2	172.0		0.7 x		0.4	4.9	General Ventilation
D15	A/C Unit for Data Processing Room	285.8	177.8		x				HVAC (non combustion)
D16	Fresh Air Intake	285.8	179.9		0.1 x		0.5	5.0	Intake
D17	REMOVED (Roof Exhaust)	290.7	187.0		0.2 x		0.8	5.3	Removed
D18	A/C Unit for Alloy Shop	293.3	184.9		x				HVAC (non combustion)

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D19	REMOVED (Steam Space Heater Exhaust)	295.0	179.9		0.2 x		1.0	5.6	Removed
D20	REMOVED (Steam Space Heater Exhaust)	295.0	175.7		0.2 x		0.9	5.5	Removed
D21	HVAC Unit for Office	300.8	194.0		x			5.3	Combustion - Comfort Heating / Cooling
D22	HVAC Unit for Office	309.0	194.0		x			5.3	Combustion - Comfort Heating / Cooling
D23	Office Roof Exhaust	314.0	193.7		0.3 x		0.2	5.3	Miscellaneous (lunch room, plumbing vents, etc.)
D24	Washroom Exhaust	306.5	188.6		0.2 x 0.3		0.3	4.9	Miscellaneous (lunch room, plumbing vents, etc.)
D25	Washroom Exhaust	309.0	188.6		0.2 x 0.3		0.3	4.9	Miscellaneous (lunch room, plumbing vents, etc.)
D26	Plumbing Vent	321.5	188.2		0.1 x		0.8	5.4	Miscellaneous (lunch room, plumbing vents, etc.)
D27	A/C Unit for HR	323.3	186.5		x				HVAC (non combustion)
D28	A/C Unit for First Aid Room	317.0	183.3		x				HVAC (non combustion)
D29	Plumbing Vent	324.6	181.2		0.1 x		0.7	5.2	Miscellaneous (lunch room, plumbing vents, etc.)

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D30	Plumbing Vent	324.6	176.9		0.1 x		0.8	5.3	Miscellaneous (lunch room, plumbing vents, etc.)
D31	Plumbing Vent	324.6	175.4		0.1 x		0.8	5.4	Miscellaneous (lunch room, plumbing vents, etc.)
D32	A/C Unit for Lunch Room	321.3	174.4		0.1 x		0.8	5.4	HVAC (non combustion)
D33	REMOVED (Nat. Gas Space Heater Exhaust)	313.9	145.8		0.2 x		0.9	5.5	Removed
D34	Plumbing Vent	324.2	152.2		0.1 x		0.9	5.4	Miscellaneous (lunch room, plumbing vents, etc.)
D35	A/C Unit For Fitness Center	321.9	143.3		x				HVAC (non combustion)
D36	Drain Vent	321.5	135.7		0.1 x		0.6	5.2	Miscellaneous (lunch room, plumbing vents, etc.)
D37	Plumbing Vent	324.8	136.0		0.1 x		0.8	5.4	Miscellaneous (lunch room, plumbing vents, etc.)
D38	Washroom Exhaust	321.8	133.6		0.3 x		0.3	4.9	Miscellaneous (lunch room, plumbing vents, etc.)
D39	Lab Exhaust	321.5	124.1		0.2 x 0.3		0.8	5.4	General Ventilation
D40	A/C Unit for Lab	317.0	123.9		x				HVAC (non combustion)

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D41	A/C Unit for Lab	317.1	118.7		x				HVAC (non combustion)
D42	Drain Vent	318.7	119.0		0.1 x		0.5	5.0	Miscellaneous (lunch room, plumbing vents, etc.)
D44	OUT OF SERVICE (Steam Vent)	323.0	106.5		0.1 x		1.9	6.5	Out of Service
D45	OUT OF SERVICE (Steam Vent)	324.8	106.5		0.1 x		1.9	6.5	Out of Service
D46	OUT OF SERVICE (Condensate Return Pipe)	327.2	104.9		0.1 x		0.4	4.9	Out of Service
D47	Sump Vent	328.5	104.9		0.1 x		0.8	5.4	Miscellaneous (lunch room, plumbing vents, etc.)
D48	OUT OF SERVICE (Boiler Stack)	320.9	105.4		x				Out of Service
D49	OUT OF SERVICE (Boiler Room Exhaust)	318.6	103.9		0.4 x 0.3		0.6	5.1	Out of Service
D50	OUT OF SERVICE (Compressor Room Roof Exhaust #1)	320.8	99.5		0.5 x 0.3		0.6	5.1	Out of Service
D51	Out of Service (Compressor Room Roof Exhaust #2)	326.7	100.1		0.5 x		0.7	5.2	Out of Service
D52	OUT OF SERVICE (Roof Exhaust Compressor Room)	326.3	88.6		0.9 x 0.9		0.8	5.4	Out of Service

<i>Source ID</i>	<i>Description</i>	<i>Plant X</i>	<i>Plant Y</i>	<i>Volumetric Flowrate (m3/s)</i>	<i>Stack Dimensions _x_m</i>	<i>Temp. (C)</i>	<i>Height Above Roof (m)</i>	<i>Height Above Grade (m)</i>	<i>Source Type</i>
D53	REMOVED (HVAC Unit)	267.7	87.7		x			4.6	Removed
D54	Eng. Conference Rm Exhaust	313.0	87.6		0.5 x 0.5		4.9	9.4	General Ventilation
D55	OUT OF SERVICE (101 Forehearth Relief Pipe #1)	287.8	87.6		0.2 x		2.3	6.9	Out of Service
D56	OUT OF SERVICE (101 Forehearth Relief Pipe #2)	286.9	87.6		0.2 x		2.3	6.9	Out of Service
D57	OUT OF SERVICE (101 Forehearth Relief Pipe #3)	286.1	87.6		0.2 x		2.3	6.9	Out of Service
D58	Inactive Source				0.1 x		0.4	5.0	Out of Service
D59	OUT OF SERVICE (Edge Trim Process Roof Exhaust)	287.6	143.3		0.9 x 0.9		0.9	11.6	Out of Service
D60	OUT OF SERVICE (Edge Trim Process Roof Exhaust)	285.7	158.6		0.9 x 0.9		0.9	11.6	Out of Service
D61	REMOVED (Edge Trim Process Roof Exhaust)	270.6	149.9		0.9 x 0.9		0.9	14.3	Removed
D62	REMOVED (Edge Trim Process Stack)			5.850	0.6 x		3.0	13.7	Removed

<i>Source ID</i>	<i>Description</i>	<i>Plant X</i>	<i>Plant Y</i>	<i>Volumetric Flowrate (m3/s)</i>	<i>Stack Dimensions _x_m</i>	<i>Temp. (C)</i>	<i>Height Above Roof (m)</i>	<i>Height Above Grade (m)</i>	<i>Source Type</i>
D63	Filter Box Louvre Exhaust	269.3	155.2		0.9 x 3.0		1.0	11.7	Process Exhaust
D64	Filter Box Louvre Exhaust	269.3	146.7		0.9 x 3.0		1.0	11.7	Process Exhaust
D65	High-Efficiency Furnace	271.7	142.8		0.1 x			10.7	Combustion - Comfort Heating / Cooling
D66	OUT OF SERVICE (Roving AC Roof Top Unit#1)	275.2	101.2		x				Out of Service
D67	OUT OF SERVICE (Roving AC Roof Top Unit #2)	279.1	95.7		x				Out of Service
D68	Roving Gas Heater Exhaust #1	296.1	118.7		x				HVAC (non combustion)
D69	Roving Gas Heater Exhaust #2	260.4	118.7		x				HVAC (non combustion)
D70	SPC Room/Safety Office HVAC	296.2	87.5		x				HVAC (non combustion)
E01	Vent Pipe	179.0	152.6		0.1 x		2.3	9.6	Relief Valve
E02	Champion Heater, Warehouse	196.7	181.3		0.9 x 0.9		0.9	8.2	Combustion - Comfort Heating / Cooling
E03	Champion Heater, Warehouse	200.6	181.6		0.6 x 1.1		0.9	8.2	Intake

<i>Source ID</i>	<i>Description</i>	<i>Plant X</i>	<i>Plant Y</i>	<i>Volumetric Flowrate (m3/s)</i>	<i>Stack Dimensions __x__m</i>	<i>Temp. (C)</i>	<i>Height Above Roof (m)</i>	<i>Height Above Grade (m)</i>	<i>Source Type</i>
E04	OUT OF SERVICE (30 Ton A/C Unit - Packing Area)	213.6	165.5		x				Out of Service
E05	REMOVED (Roving Oven Burner Exhaust)	218.3	176.4		0.2 x		2.0	9.3	Removed
E06	REMOVED (Roving Oven Forced Exhaust (through E07))	219.8	178.5		1.0 x		1.5	8.8	Removed
E07	REMOVED (Roving Oven Hood Exhaust)	219.8	182.5		0.3 x		1.6	8.9	Removed
E08	Nat.Gas Heater Exhaust	215.9	192.2		0.3 x		0.4	7.7	Combustion - Comfort Heating / Cooling
E09	Nat.Gas Heater Ex. (inactive)	224.4	191.8		0.2 x		1.4	8.7	Out of Service
E10	Nat.Gas Heater Ex. (inactive)	230.8	189.9		0.2 x		0.4	7.7	Out of Service
E11	Roof Exhaust for Washroom	238.4	189.9		0.3 x 0.4		0.6	7.9	Miscellaneous (lunch room, plumbing vents, etc.)
E12	OUT OF SERVICE (Nat.Gas Heater Ex.)	242.4	185.4		0.2 x		1.3	8.6	Out of Service
E13	Roof Exhaust - Roving Area	233.8	177.4		0.8 x		0.6	8.0	General Ventilation
E14	REMOVED (30 Ton A/C Unit - Roving Room)	237.4	167.8		x				Removed

<i>Source ID</i>	<i>Description</i>	<i>Plant X</i>	<i>Plant Y</i>	<i>Volumetric Flowrate (m3/s)</i>	<i>Stack Dimensions __x__m</i>	<i>Temp. (C)</i>	<i>Height Above Roof (m)</i>	<i>Height Above Grade (m)</i>	<i>Source Type</i>
E15	OUT OF SERVICE (Gas Heater Exhaust)	234.4	167.4		0.2 x		2.2	9.5	Out of Service
E16	REMOVED (Roof Exhaust)	230.6	157.1		0.9 x 0.9		0.8	8.1	Removed
E17	REMOVED (Fresh Air Intake Creel Room)	237.8	156.5		0.6 x 0.8		0.5	7.8	Removed
F01	OUT OF SERVICE (Nat.Gas Space Heater Exhaust)	127.1	135.8		0.2 x		1.4	10.5	Out of Service
F02	OUT OF SERVICE (Nat.Gas Space Heater Exhaust)	127.1	143.5		0.2 x		1.4	10.5	Out of Service
F03	Nat.Gas Space Heater Exhaust	127.1	150.5		0.2 x		1.6	10.7	Combustion - Comfort Heating / Cooling
F04	Nat.Gas Space Heater Exhaust	127.2	157.5		0.2 x		1.4	10.5	Combustion - Comfort Heating / Cooling
F05	Champion Heater	138.9	140.6		0.3 x		1.4	10.5	Combustion - Comfort Heating / Cooling
F06	Champion Heater Intake	135.6	143.8		0.6 x 1.2		0.7	9.9	Intake
F07	Champion Heater Exhaust	136.8	162.6		0.3 x		2.0	11.2	Combustion - Comfort Heating / Cooling
F08	Champion Heater Exhaust	135.9	179.1		0.9 x		1.0	10.2	HVAC (non combustion)

<i>Source ID</i>	<i>Description</i>	<i>Plant X</i>	<i>Plant Y</i>	<i>Volumetric Flowrate (m3/s)</i>	<i>Stack Dimensions ___x__m</i>	<i>Temp. (C)</i>	<i>Height Above Roof (m)</i>	<i>Height Above Grade (m)</i>	<i>Source Type</i>
F09	Warehouse Roof Exhaust, New	160.3	139.2	21.900	1.5 x		2.4	9.1	HVAC (non combustion)
F10	Warehouse Roof Exhaust, New	160.6	111.1	21.900	1.5 x		2.4	9.1	HVAC (non combustion)
F11	Warehouse Radiant Heaters, Inside				x				Combustion - Comfort Heating / Cooling
F12	OUT OF SERVICE (105 Rotospray Inlet)	169.0	91.9		x				Out of Service
F13	OUT OF SERVICE (Power and Free Area)	158.6	92.4	9.330	x		1.5	9.1	Out of Service
F14	QA Muffle Oven Exhaust	155.2	93.5	0.180	0.2 x		0.3	15.2	Process Exhaust
G01	Lunch Room Exhaust	342.4	161.6		0.2 x		0.3	6.7	Miscellaneous (lunch room, plumbing vents, etc.)
G02	OUT OF SERVICE (Nat. Gas Space Heater Exhaust)	346.1	159.1		0.2 x		0.2	6.6	Out of Service
G03	Nat. Gas Space Heater Exhaust	348.5	164.0	0.010	0.3 x		0.8	7.2	Combustion - Comfort Heating / Cooling
G04	Nat. Gas Space Heater Exhaust	351.3	157.6	0.060	0.3 x		1.6	8.1	Combustion - Comfort Heating / Cooling
G05	OUT OF SERVICE (Nat. Gas Space Heater Exhaust)	351.3	151.8		0.2 x		1.0	7.4	Out of Service

<i>Source ID</i>	<i>Description</i>	<i>Plant X</i>	<i>Plant Y</i>	<i>Volumetric Flowrate (m3/s)</i>	<i>Stack Dimensions _x_m</i>	<i>Temp. (C)</i>	<i>Height Above Roof (m)</i>	<i>Height Above Grade (m)</i>	<i>Source Type</i>
G06	OUT OF SERVICE (Nat.Gas Space Heater Exhaust)	363.3	179.3		0.3 x		0.8	7.2	Out of Service
G07	OUT OF SERVICE (Roof Exhaust)	377.4	187.3		0.6 x 0.6		0.8	7.2	Out of Service
G08	Heater Exhaust	376.3	189.1		x				HVAC (non combustion)
G09	OUT OF SERVICE (Exhauster)	387.1	193.6		x				Out of Service
G10	REMOVED (Exhauster)	381.8	156.7		x				Removed
G11	Roof Exhauster	385.1	153.7		x				General Ventilation
G12	REMOVED (T/C Line Oven Exhaust)	380.8	146.9		0.8 x		2.5	8.9	Removed
G13	NGF Tire Cord Line #1 RTO	376.9	138.4	12.000	0.9 x	585	12.3	17.7	Process Exhaust
G14	REMOVED (T/C Oven Exhaust)	379.3	136.0		0.8 x		2.1	8.5	Removed
G15	OUT OF SERVICE (Roof Exhaust)	383.6	136.0		0.8 x		1.0	7.4	Out of Service
G16	T/C Line Roof Exhaust	383.6	132.9		0.8 x		0.9	7.3	General Ventilation

<i>Source ID</i>	<i>Description</i>	<i>Plant X</i>	<i>Plant Y</i>	<i>Volumetric Flowrate (m3/s)</i>	<i>Stack Dimensions __x__m</i>	<i>Temp. (C)</i>	<i>Height Above Roof (m)</i>	<i>Height Above Grade (m)</i>	<i>Source Type</i>
G17	REMOVED (Washroom Exhaust)	342.4	130.5		0.4 x 0.3		0.6	7.0	Removed
G18	OUT OF SERVICE (Blower Exhaust - Flint Unloading)	341.7	117.6		1.7 x 1.7		2.5	8.9	Out of Service
G19	A/C Unit	354.9	117.9		x				HVAC (non combustion)
G20	Muffle Furnace Lab Exhaust	342.3	92.9		0.2 x		0.8	7.2	Process Exhaust
G21	REMOVED (Roof Exhaust)	354.6	97.5		0.3 x		0.8	7.2	Removed
G22	Storage Room Exhaust	356.6	92.1		0.3 x 0.2		0.4	6.8	General Ventilation
G23	Fresh Air Make-Up Unit	369.3	121.7		1.7 x 1.7		2.5	8.9	Intake
G24	Roof Exhaust (inactive)	371.7	115.6		0.6 x 0.6		0.7	7.1	Out of Service
G25	OUT OF SERVICE (Nat.Gas Space Heater Exhaust)	376.9	104.6	0.040	0.2 x		1.2	7.6	Out of Service
G26	Nat.Gas Space Heater Exhaust	374.4	98.2	0.040	0.2 x		1.5	7.9	Combustion - Comfort Heating / Cooling
G27	Roof Exhaust (inactive)	373.8	92.7		0.6 x		0.6	7.0	Out of Service

<i>Source ID</i>	<i>Description</i>	<i>Plant X</i>	<i>Plant Y</i>	<i>Volumetric Flowrate (m3/s)</i>	<i>Stack Dimensions _x_m</i>	<i>Temp. (C)</i>	<i>Height Above Roof (m)</i>	<i>Height Above Grade (m)</i>	<i>Source Type</i>
G28	Nat.Gas Space Heater Exhaust	371.1	78.7		0.2 x		0.8	7.2	Out of Service
G29	Nat.Gas Space Heater Exhaust	378.4	80.5	0.040	0.2 x		1.3	7.7	Combustion - Comfort Heating / Cooling
G30	Minor Ingredients Blower Inlet	376.0	78.7		0.3 x		0.9	7.3	Intake
G31	Welding Fume Exhaust	373.2	76.2		0.1 x		1.0	7.4	Maintenance Welding Exhaust
G32	OUT OF SERVICE (Zinc Oxide D/C Exhaust)	372.6	74.1	0.330	0.1 x	15	0.6	7.0	Out of Service
G33	Batch Transfer Blower Intake #1	365.2	74.3		0.3 x		2.1	8.5	Intake
G34	Batch Transfer Blower Intake #2	365.2	73.6		0.3 x		2.0	8.4	Intake
G35	Batch Transfer Blower Exhaust #1	365.2	73.0	0.330	0.1 x	15	1.2	7.6	Process Exhaust
G36	Batch Transfer Blower Exhaust #2	365.2	72.4	0.330	0.1 x	15	0.9	7.3	Process Exhaust
G37	Batch Transfer Blower Intake #3	365.2	71.4		0.3 x		1.9	8.3	Intake
G38	Batch Transfer Blower Exhaust #3	365.2	70.9	0.330	0.1 x	15	2.1	8.5	Process Exhaust

<i>Source ID</i>	<i>Description</i>	<i>Plant X</i>	<i>Plant Y</i>	<i>Volumetric Flowrate (m3/s)</i>	<i>Stack Dimensions _x_m</i>	<i>Temp. (C)</i>	<i>Height Above Roof (m)</i>	<i>Height Above Grade (m)</i>	<i>Source Type</i>
G39	Batch House D/C Exhaust	365.2	69.9	0.330	0.2 x 0.3	15		35.7	Process Exhaust
G40	Batch House D/C Exhaust	365.2	75.3	0.330	0.2 x 0.3	15		35.7	Process Exhaust
G43	Mixing Room Roof Exhaust	384.2	62.2		0.8 x 0.8		0.9	10.0	General Ventilation
G44	OUT OF SERVICE (Roof Exhaust)	362.5	65.9		0.5 x 0.4		0.6	9.7	Out of Service
G45	Batch House D/C Exhaust, Mixed Batch Silo	359.9	66.9	0.240	0.2 x 0.3	15		35.7	Process Exhaust
G46	Bad Batch D/C Exhaust #1	354.5	71.6	1.320	0.3 x 0.3	15		12.2	Process Exhaust
G47	Bad Batch D/C Exhaust #2	344.3	68.3	0.330	0.2 x	15		5.8	Process Exhaust
G48	Batch Ingredient Dust Collector	353.5	70.4	0.330	0.1 x	15		31.4	Process Exhaust
G49	Batch Ingredient Dust Collector	346.6	64.4	0.330	0.1 x	15		31.4	Process Exhaust
G50	Batch Ingredient Dust Collector (Silos 5, 10, 11)	345.6	61.9	0.330	0.1 x	15		31.4	Process Exhaust
G51	Batch Ingredient Dust Collector	343.9	63.2	0.330	0.1 x	15		31.4	Out of Service

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G52	Batch Ingredient Dust Collector	342.6	61.9	0.330	0.1 x	15		31.4	Process Exhaust
G53	Nat.Gas Space Heater Exhaust	346.1	134.8	0.010	0.2 x		1.5		Combustion - Comfort Heating / Cooling
G54	Ammonium Hydroxide Tote Vent	379.0	56.8		0.0 x				Storage Tank
G55	Roof Mounted Heat/Cool Unit	359.5	183.0	0.040	x			7.9	Combustion - Comfort Heating / Cooling
G56	Nat.Gas Space Heater Exhaust	354.1	106.2	0.040	0.2 x		1.5	7.9	Combustion - Comfort Heating / Cooling
G57	Nat.Gas Space Heater Exhaust	359.1	104.5	0.030	0.1 x		1.5	7.9	Combustion - Comfort Heating / Cooling
G58	Nat.Gas Space Heater Exhaust	375.2	67.4	0.040	0.2 x		1.5	7.9	Combustion - Comfort Heating / Cooling
G59	Nat.Gas Space Heater Exhaust	379.6	67.4	0.030	0.1 x		1.5	7.9	Combustion - Comfort Heating / Cooling
G60	Roof Mounted Heat/Cool Unit	343.1	138.3	0.020	x			7.9	Combustion - Comfort Heating / Cooling
G61	Batch Ingredient D/C Exhaust (Silo #18)	356.1	76.2	0.240	0.1 x	15		21.6	Process Exhaust
G62	Batch Ingredient D/C Exhaust (Silo #19)	356.1	74.7	0.240	0.1 x	15		21.6	Process Exhaust

<i>Source ID</i>	<i>Description</i>	<i>Plant X</i>	<i>Plant Y</i>	<i>Volumetric Flowrate (m3/s)</i>	<i>Stack Dimensions _x_m</i>	<i>Temp. (C)</i>	<i>Height Above Roof (m)</i>	<i>Height Above Grade (m)</i>	<i>Source Type</i>
G63	Batch Ingredient D/C Exhaust (Silo #20)	356.1	73.2	0.240	0.1 x	15		21.6	Process Exhaust
G64	Batch Ingredient D/C Exhaust (Silo #21)	356.1	71.8	0.240	0.1 x	15		21.6	Process Exhaust
G65	Batch Ingredient Dust Collector	356.0	92.0	0.430	0.1 x			35.7	Process Exhaust
G66	Batch Ingredient Transfer Blower #4 Intake	343.0	59.2		0.1 x			4.9	Out of Service
G67	Batch Ingredient Transfer Blower #4 Exhaust	341.8	58.9	0.330	0.1 x			4.9	Out of Service
G68	Batch Ingredient D/C Exhaust (Silo # 1, 3, 9)	343.6	65.9	0.330	0.3 x 0.3			31.4	Process Exhaust
G69	Blender Transporter Dust Collector	352.4	70.3	1.320	0.3 x 0.3			12.0	Out of Service
G70	Batch Ingredient Transfer Blower #5 Intake	340.9	58.3		0.2 x			3.0	Intake
G71	AC unit	365.0	179.1		x				HVAC (non combustion)
G72	Gas Space Heater	340.4	106.2		x				Combustion - Comfort Heating / Cooling
G73	Roof top AC Unit - QC Lab	352.0	95.2		x				HVAC (non combustion)

<i>Source ID</i>	<i>Description</i>	<i>Plant X</i>	<i>Plant Y</i>	<i>Volumetric Flowrate (m3/s)</i>	<i>Stack Dimensions _x_m</i>	<i>Temp. (C)</i>	<i>Height Above Roof (m)</i>	<i>Height Above Grade (m)</i>	<i>Source Type</i>
H01	MBR Building Roof Exhaust	131.5	14.1	1.910	0.6 x		1.2	7.3	General Ventilation
H02	MBR Building Roof Exhaust	141.2	14.7	1.910	0.6 x		1.2	7.3	General Ventilation
H03	OUT OF SERVICE (Nat.Gas Heater Exhaust)	143.5	17.0		0.2 x		1.2	7.3	Out of Service
H04	Heater Air Intake	148.0	18.4		0.3 x			4.5	Intake
H05	Wall Louvre	142.0	6.4		0.5 x 0.5			0.5	General Ventilation
H06	Wall Louvre	129.2	6.4		0.5 x 0.5			0.5	General Ventilation
H07	OUT OF SERVICE (Heater Air Intake)	133.6	5.8		0.3 x			3.4	Out of Service
H08	OUT OF SERVICE (Nat.Gas Heater Exhaust)	135.7	5.7		0.2 x			4.6	Out of Service
H09	OUT OF SERVICE (Gas Relief Pipe)	137.3	5.7		0.1 x			3.2	Out of Service
H10	Aeration Blower Vent	126.0	9.5		x				Out of Service
H11	Zeeweed Blower Inlet	136.3	6.4		x				Out of Service

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<i>I1</i>	CFM Line #2 Forming Tunnel (Proposed)			6.000	0.4 x	21	4.0	13.2	Process Exhaust
<i>I2</i>	CFM Line #2 Forming Tunnel (proposed)			6.000	0.4 x	25	4.0	13.2	Process Exhaust
<i>I3</i>	CFM Line #2 Forming Tunnel (proposed)				x				Process Exhaust
<i>I4</i>	CFM Line #2 Forming Tunnel (proposed)				x				Process Exhaust
<i>I5</i>	CFM Line #2 Binder Cyclone (proposed)				x				Process Exhaust
<i>I6</i>	CFM Line #2 RTO-Oven (proposed)				x				Process Exhaust
<i>I7</i>	CFM Line #2 End-of-line Exhaust (proposed)				x				Process Exhaust
<i>I8</i>	105 2nd Forehearth Stack (proposed for CFM Line#2)				x				Process Exhaust
<i>V01</i>	107 Bay Top West Wall Louvre	127.2	88.7		26.0 x 0.7			11.0	General Ventilation
<i>V02</i>	107 Bay Lower West Wall Louvre	127.2	87.0		7.0 x 0.7			5.0	General Ventilation

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V03	Wall Vent	127.2	83.8		0.6 x 0.6		2.0		General Ventilation
V04	107 Bay Lower West Wall Louvre	127.2	67.9		6.4 x 0.7		5.0		General Ventilation
V05	107 Bay West Wall Louvre (Top)	127.2	62.4		13.7 x 0.7		25.0		General Ventilation
V06	107 Bay West Wall Louvre (2nd)	127.2	62.4		7.0 x 0.7		13.0		General Ventilation
V07	107 Bay West Wall Louvre (3rd)	127.2	62.4		7.0 x 0.7		12.0		General Ventilation
V08	107 Bay West Wall Louvre (Bottom)	127.2	62.4		7.0 x 0.7		5.0		General Ventilation
V09	107 Bay South Wall Louvre (Top)	130.2	51.2		20.0 x 0.7		25.0		General Ventilation
V10	107 Bay South Wall Louvre (2nd)	130.2	51.2		20.0 x 0.7		13.0		General Ventilation
V11	107 Bay South Wall Louvre (3rd)	130.2	51.2		20.0 x 0.7		12.0		General Ventilation
V12	107 Bay South Wall Louvre (Bottom)	130.2	51.2		20.0 x 0.7		5.0		General Ventilation
V13	107 Bay East Wall Louvre (Top)	148.1	52.3		13.7 x 0.7		25.0		General Ventilation

<i>Source ID</i>	<i>Description</i>	<i>Plant X</i>	<i>Plant Y</i>	<i>Volumetric Flowrate (m3/s)</i>	<i>Stack Dimensions _x_m</i>	<i>Temp. (C)</i>	<i>Height Above Roof (m)</i>	<i>Height Above Grade (m)</i>	<i>Source Type</i>
V14	107 Bay East Wall Louvre (2nd)	148.1	52.3		10.7 x 0.7			13.0	General Ventilation
V15	107 Bay East Wall Louvre (3rd)	148.1	52.3		10.7 x 0.7			12.0	General Ventilation
V16	107 Bay East Wall Louvre (Bottom)	148.1	52.3		10.7 x 0.7			5.0	General Ventilation
V17	B-Wing West Wall Louvre (Top)	157.6	57.8		8.4 x 0.7			22.0	General Ventilation
V18	B-Wing West Wall Louvre (2nd)	157.6	57.8		8.4 x 0.7			13.0	General Ventilation
V19	B-Wing West Wall Louvre (3rd)	157.6	57.8		3.7 x 0.7			12.0	General Ventilation
V20	B-Wing West Wall Louvre (Bottom)	157.6	57.8		3.7 x 0.7			5.0	General Ventilation
V21	B-Wing South Wall Louvre (Top)	184.4	57.3		28.0 x 0.7			22.0	General Ventilation
V22	B-Wing South Wall Louvre (2nd)	184.4	57.3		28.0 x 0.7			13.0	General Ventilation
V23	B-Wing South Wall Louvre (3rd)	184.4	57.3		28.0 x 0.7			12.0	General Ventilation
V24	B-Wing South Wall Louvre (Bottom)	184.4	57.3		28.0 x 0.7			5.0	General Ventilation

<i>Source ID</i>	<i>Description</i>	<i>Plant X</i>	<i>Plant Y</i>	<i>Volumetric Flowrate (m3/s)</i>	<i>Stack Dimensions _x_m</i>	<i>Temp. (C)</i>	<i>Height Above Roof (m)</i>	<i>Height Above Grade (m)</i>	<i>Source Type</i>
V25	B-Wing East Wall Louvre (Top)	186.7	58.8		8.4 x 0.7			22.0	General Ventilation
V26	B-Wing East Wall Louvre (2nd)	186.7	58.8		8.4 x 0.7			13.0	General Ventilation
V27	B-Wing East Wall Louvre (3rd)	186.7	58.8		12.2 x 0.7			12.0	General Ventilation
V28	B-Wing East Wall Louvre (Bottom)	186.7	58.8		12.2 x 0.7			5.0	General Ventilation
V29	Wall Vent	186.6	68.2		x				General Ventilation
V30	B-Wing North Wall Louvre (Top)	180.8	67.1		28.0 x 0.7			22.0	General Ventilation
V31	B-Wing North Wall Louvre (2nd)	180.8	67.1		24.0 x 0.7			11.0	General Ventilation
V32	B-Wing North Wall Louvre (3rd)	159.8	67.1		1.2 x 1.2			16.0	General Ventilation
V33	107 Bay North Wall Louvre (Top)	146.3	65.8		20.0 x 0.7			25.0	General Ventilation
V34	107 Bay North Wall Louvre (Bottom)	146.3	65.9		20.0 x 0.7			13.0	General Ventilation
V35	B Wing Forehearth Wall Vent	136.7	90.4		28.0 x 0.7			10.0	General Ventilation

<i>Source ID</i>	<i>Description</i>	<i>Plant X</i>	<i>Plant Y</i>	<i>Volumetric Flowrate (m3/s)</i>	<i>Stack Dimensions _x_m</i>	<i>Temp. (C)</i>	<i>Height Above Roof (m)</i>	<i>Height Above Grade (m)</i>	<i>Source Type</i>
V36	Access Door	162.7	90.9		0.9 x 0.7			9.0	General Ventilation
V37	B-Wing Forehearth Wall Vent	165.0	91.1		2.4 x 1.4			9.0	General Ventilation
V38	B-Wing Forehearth Wall Vent	171.3	90.3		17.0 x 0.7			10.0	General Ventilation
V39	B-Wing Forehearth Wall Vent	173.0	90.3		2.4 x 1.4			9.0	General Ventilation
V40	B-Wing Forehearth Wall Vent	181.9	88.6		1.6 x 1.3			9.0	General Ventilation
V41	B-Wing Wall Vent	186.5	78.4		0.7 x 0.7			7.0	General Ventilation
V42	Deisel Room Wall Vent	192.5	73.9		1.5 x 0.6			5.0	General Ventilation
V43	Wall Vent	162.4	57.3		1.2 x 0.6			3.5	General Ventilation
V44	Wall Vent	164.3	57.3		2.4 x 0.6			3.5	General Ventilation
V45	Wall Vent	201.9	87.0		x				General Ventilation
V46	Wall Vent	205.9	87.0		x				General Ventilation

<i>Source ID</i>	<i>Description</i>	<i>Plant X</i>	<i>Plant Y</i>	<i>Volumetric Flowrate (m3/s)</i>	<i>Stack Dimensions _x_m</i>	<i>Temp. (C)</i>	<i>Height Above Roof (m)</i>	<i>Height Above Grade (m)</i>	<i>Source Type</i>
V47	Wall Vent	247.9	87.0		x				General Ventilation
V48	Wall Vent	254.3	87.0		x				General Ventilation
V49	Wall Vent	262.0	86.9		x				General Ventilation
V50	Wall Vent	272.8	87.0		x				General Ventilation
V51	Wall Vent	277.3	87.0		x				General Ventilation
V52	Wall Vent	239.0	57.5		1.3 x 0.4			3.5	General Ventilation
V53	Wall Vent	244.9	57.5		1.3 x 0.4			3.5	General Ventilation
V54	Wall Vent	256.7	57.4		1.3 x 0.4			3.5	General Ventilation

