

**Sources and Contaminants Identification Table
Transgear Manufacturing
Guelph, Ontario**

Source Information		Location	Expected Contaminants	Significant (Y/N)	Rationale
Source ID	Source Description				
26a	Proceco Washer Combustion Exhaust	Main Building Process	Products of Natural Gas Combustion	Y/N	Only Nox emissions considered significant
26b	Proceco Washer Process Exhaust	Main Building Process	Volatile Organic Compounds	Y/N	Some VOCs have been determined to be insignificant (see Appendix C.1)
26c	Proceco Washer Process Exhaust	Main Building Process	Volatile Organic Compounds	Y/N	Some VOCs have been determined to be insignificant (see Appendix C.1)
26d	Proceco Washer Exhaust	Main Building Process	Volatile Organic Compounds Products of Natural Gas Combustion	Y/N	Some VOCs have been determined to be insignificant (see Appendix C.1) Only Nox emissions considered significant
32a	Proceco Dunnage Washer Combustion Exhaust	Main Building Process	Volatile Organic Compounds	Y/N	VOCs have been determined to be insignificant (see Appendix C.1)
32b	Proceco Dunnage Washer Process Exhaust	Main Building Process	Volatile Organic Compounds	Y/N	VOCs have been determined to be insignificant (see Appendix C.1)
79a, 79b	Schwank Tube Heater	SCHWANK	Products of Natural Gas Combustion	Y/N	Only Nox emissions considered significant
95	CSD Washer	Main Building Process	Volatile Organic Compounds	Y/N	Some VOCs have been determined to be insignificant (see Appendix C.1)
97	RADCON Washer	Main Building Process	Volatile Organic Compounds	Y/N	Some VOCs have been determined to be insignificant (see Appendix C.1)
100	Proceco Washer	Main Building Process	Volatile Organic Compounds	Y/N	Some VOCs have been determined to be insignificant (see Appendix C.1)
101	Plasfab Heat Recovery System		No Emissions	N	
102	Incinco Oven Tempering Furnace #1	Main Building Process	Products of Natural Gas Combustion	Y/N	Only Nox emissions considered significant
103	Incinco Oven Tempering Furnace #1	Main Building Process	Products of Natural Gas Combustion	Y/N	Only Nox emissions considered significant
104	Incinco Oven Tempering Furnace #1	Main Building Process	Products of Natural Gas Combustion	Y/N	Only Nox emissions considered significant
105	Incinco Oven Tempering Furnace #2	Main Building Process	Products of Natural Gas Combustion	Y/N	Only Nox emissions considered significant
106	Incinco Oven Tempering Furnace #2	Main Building Process	Products of Natural Gas Combustion	Y/N	Only Nox emissions considered significant
107	Incinco Oven Tempering Furnace #2	Main Building Process	Products of Natural Gas Combustion	Y/N	Only Nox emissions considered significant
108	Incinco Oven Tempering Furnace #3	Main Building Process	Products of Natural Gas Combustion	Y/N	Only Nox emissions considered significant
109	Incinco Oven Tempering Furnace #3	Main Building Process	Products of Natural Gas Combustion	Y/N	Only Nox emissions considered significant
110	Incinco Oven Tempering Furnace #3	Main Building Process	Products of Natural Gas Combustion	Y/N	Only Nox emissions considered significant
111	Incinco Oven Tempering Furnace #4	Main Building Process	Products of Natural Gas Combustion	Y/N	Only Nox emissions considered significant
112	Incinco Oven Tempering Furnace #4	Main Building Process	Products of Natural Gas Combustion	Y/N	Only Nox emissions considered significant
113	Incinco Oven Tempering Furnace #4	Main Building Process	Products of Natural Gas Combustion	Y/N	Only Nox emissions considered significant
114	Proceco Washer	Main Building Process	Volatile Organic Compounds	Y/N	Some VOCs have been determined to be insignificant (see Appendix C.1)
115	Inducto Heat - OP 60C1	Main Building Process	Volatile Organic Compounds	Y/N	Some VOCs have been determined to be insignificant (see Appendix C.1)
116	Inducto Heat - OP 60C3	Main Building Process	Volatile Organic Compounds	Y/N	Some VOCs have been determined to be insignificant (see Appendix C.1)

Source Information		Location	Expected Contaminants	Significant (Y/N)	Rationale
Source ID	Source Description				
117	Inducto Heat - OP 90A1	Main Building Process	Volatile Organic Compounds	Y/N	Some VOCs have been determined to be insignificant (see Appendix C.1)
118	Inducto Heat - OP 90A2	Main Building Process	Volatile Organic Compounds	Y/N	Some VOCs have been determined to be insignificant (see Appendix C.1)
119	Inducto Heat - OP 90B1	Main Building Process	Volatile Organic Compounds	Y/N	Some VOCs have been determined to be insignificant (see Appendix C.1)
120	Inducto Heat - OP 90B2	Main Building Process	Volatile Organic Compounds	Y/N	Some VOCs have been determined to be insignificant (see Appendix C.1)
1-4, 6, 11-15, 18, 19, 21, 22, 76	Natural Gas Combustion and Heating Equipment		Products of Natural Gas Combustion	Y/N	Only Nox emissions considered significant
37, 38, 82	Gardner Denver Compressor		No Emissions	N	
45 - 49, 53, 54, 83 - 93	Hartzing Exhaust Fans		No Emissions	N	
58, 59, 61-64, 66	Irving Exhaust Fans		No Emissions	N	
	Roads, Parking Lot		Dust	N	Not listed in Table 7-2 or 7-3 of Section 7.4 of the ESDM Procedure Document

Table 2a
Source Summary Table - By Contaminant
Transgear Manufacturing
Guelph, Ontario

Ingredients	C.A.S. Number	Source ID	Source Description	Actual Stack Flow Rate (m ³ /s)	Stack Velocity (m/s)	Stack Exit Gas Temperature (C)	Stack Inner Diameter (m)	Stack Height Above Grade (m)	Stack Height Above Roof (m)	Source Coordinates		Emission Data		Emission Estimation Technique	Emission Data Quality	% of Overall Emissions (%)
										(m)	(m)	Maximum Emission Rate (g/s)	Averaging Period (hours)			
Nitrogen Oxides	10102-44-0	26a	Proceco Washer Combustion Exhaust	0.0020	0.01	25	0.50	8.80	2.10	555996.55	4820512.94	2.47E-03	1, 24	EF	Above Average	8%
		26d	Proceco Washer Exhaust	0.0020	0.01	25	0.50	8.80	2.10	556002.39	4820509.47	2.47E-03	1, 24	EF	Above Average	8%
		102	Incinco Oven Tempering Furnace #1	0.1013	2.00	29	0.25	8.38	1.68	555962.48	4820560.96	2.26E-03	1, 24	EF	Above Average	7%
		103	Incinco Oven Tempering Furnace #1	0.1013	2.00	29	0.25	7.92	1.22	555964.88	4820561.36	2.26E-03	1, 24	EF	Above Average	7%
		104	Incinco Oven Tempering Furnace #1	0.1013	2.00	29	0.25	8.53	1.83	555962.88	4820558.17	2.26E-03	1, 24	EF	Above Average	7%
		105	Incinco Oven Tempering Furnace #2	0.1013	2.00	29	0.25	8.38	1.68	556035.84	4820533.27	2.26E-03	1, 24	EF	Above Average	7%
		106	Incinco Oven Tempering Furnace #2	0.1013	2.00	29	0.25	7.92	1.22	556037.51	4820530.87	2.26E-03	1, 24	EF	Above Average	7%
		107	Incinco Oven Tempering Furnace #2	0.1013	2.00	29	0.25	8.53	1.83	556038.97	4820532.33	2.26E-03	1, 24	EF	Above Average	7%
		108	Incinco Oven Tempering Furnace #3	0.1013	2.00	29	0.25	8.38	1.68	556035.83	4820529.35	2.26E-03	1, 24	EF	Above Average	7%
		109	Incinco Oven Tempering Furnace #3	0.1013	2.00	29	0.25	7.92	1.22	556034.53	4820528.31	2.26E-03	1, 24	EF	Above Average	7%
		110	Incinco Oven Tempering Furnace #3	0.1013	2.00	29	0.25	8.53	1.83	556033.28	4820530.54	2.26E-03	1, 24	EF	Above Average	7%
		111	Incinco Oven Tempering Furnace #4	0.1013	2.00	29	0.25	8.38	1.68	555985.85	4820556.00	2.26E-03	1, 24	EF	Above Average	7%
		112	Incinco Oven Tempering Furnace #4	0.1013	2.00	29	0.25	8.53	1.83	555982.72	4820555.77	2.26E-03	1, 24	EF	Above Average	7%
Potassium silicate	1312-76-1	113	Incinco Oven Tempering Furnace #4	0.1013	2.00	29	0.25	8.53	1.83	555985.07	4820553.32	2.26E-03	1, 24	EF	Above Average	7%
		26b	Proceco Washer Process Exhaust	0.0020	0.01	25	0.50	8.80	2.10	555998.16	4820512.39	2.19E-04	24	EC	Above Average	14%
		26c	Proceco Washer Process Exhaust	0.0020	0.01	25	0.50	8.80	2.10	555998.64	4820510.89	2.19E-04	24	EC	Above Average	14%
		26d	Proceco Washer Exhaust	0.0020	0.01	25	0.50	8.80	2.10	556002.39	4820509.47	2.19E-04	24	EC	Above Average	14%
		95	CSD Washer	0.0003	0.01	25	0.20	7.92	1.22	556006.25	4820565.54	2.19E-04	24	EC	Above Average	14%
		97	RADCON Washer	0.0117	0.01	25	1.22	7.92	1.22	555993.85	4820552.33	2.19E-04	24	EC	Above Average	14%
		100	Proceco Washer	0.0003	0.01	25	0.20	7.92	1.22	556003.70	4820525.40	2.19E-04	24	EC	Above Average	14%
114	Proceco Washer	0.0003	0.01	25	0.20	7.92	1.22	555967.79	4820556.98	2.19E-04	24	EC	Above Average	14%		

Table 2b
Source Summary Table - By Source
Transgear Manufacturing
Guelph, Ontario

Source ID	Source Description	Actual Stack Flow Rate (m ³ /s)	Stack Velocity (m/s)	Stack Exit Gas Temperature (C)	Stack Inner Diameter (m)	Stack Height Above Grade (m)	Stack Height Above Roof (m)	Source Coordinates		Ingredients	C.A.S. Number	Emission Data		Emission Estimation Technique	Emission Data Quality	% of Overall Emissions (%)
								(m)	(m)			Maximum Emission Rate (g/s)	Averaging Period (hours)			
95	CSD Washer	0.0003	0.01	25	0.20	7.92	1.22	556006.25	4820565.54	Potassium silicate	1312-76-1	2.19E-04	24	EC	Above Average	14%
97	RADCON Washer	0.0117	0.01	25	1.22	7.92	1.22	555993.85	4820552.33	Potassium silicate	1312-76-1	2.19E-04	24	EC	Above Average	14%
100	Proceco Washer	0.0003	0.01	25	0.20	7.92	1.22	556003.70	4820525.40	Potassium silicate	1312-76-1	2.19E-04	24	EC	Above Average	14%
102	Incinco Oven Tempering Furnace #1	0.1013	2.00	29	0.25	8.38	1.68	555962.48	4820560.96	Nitrogen Oxides	10102-44-0	2.26E-03	1, 24	EF	Above Average	7%
103	Incinco Oven Tempering Furnace #1	0.1013	2.00	29	0.25	7.92	1.22	555964.88	4820561.36	Nitrogen Oxides	10102-44-0	2.26E-03	1, 24	EF	Above Average	7%
104	Incinco Oven Tempering Furnace #1	0.1013	2.00	29	0.25	8.53	1.83	555962.88	4820558.17	Nitrogen Oxides	10102-44-0	2.26E-03	1, 24	EF	Above Average	7%
105	Incinco Oven Tempering Furnace #2	0.1013	2.00	29	0.25	8.38	1.68	556035.84	4820533.27	Nitrogen Oxides	10102-44-0	2.26E-03	1, 24	EF	Above Average	7%
106	Incinco Oven Tempering Furnace #2	0.1013	2.00	29	0.25	7.92	1.22	556037.51	4820530.87	Nitrogen Oxides	10102-44-0	2.26E-03	1, 24	EF	Above Average	7%
107	Incinco Oven Tempering Furnace #2	0.1013	2.00	29	0.25	8.53	1.83	556038.97	4820532.33	Nitrogen Oxides	10102-44-0	2.26E-03	1, 24	EF	Above Average	7%
108	Incinco Oven Tempering Furnace #3	0.1013	2.00	29	0.25	8.38	1.68	556035.83	4820529.35	Nitrogen Oxides	10102-44-0	2.26E-03	1, 24	EF	Above Average	7%
109	Incinco Oven Tempering Furnace #3	0.1013	2.00	29	0.25	7.92	1.22	556034.53	4820528.31	Nitrogen Oxides	10102-44-0	2.26E-03	1, 24	EF	Above Average	7%
110	Incinco Oven Tempering Furnace #3	0.1013	2.00	29	0.25	8.53	1.83	556033.28	4820530.54	Nitrogen Oxides	10102-44-0	2.26E-03	1, 24	EF	Above Average	7%
111	Incinco Oven Tempering Furnace #4	0.1013	2.00	29	0.25	8.38	1.68	555985.85	4820556.00	Nitrogen Oxides	10102-44-0	2.26E-03	1, 24	EF	Above Average	7%
112	Incinco Oven Tempering Furnace #4	0.1013	2.00	29	0.25	8.53	1.83	555982.72	4820555.77	Nitrogen Oxides	10102-44-0	2.26E-03	1, 24	EF	Above Average	7%
113	Incinco Oven Tempering Furnace #4	0.1013	2.00	29	0.25	8.53	1.83	555985.07	4820553.32	Nitrogen Oxides	10102-44-0	2.26E-03	1, 24	EF	Above Average	7%
114	Proceco Washer	0.0003	0.01	25	0.20	7.92	1.22	555967.79	4820556.98	Potassium silicate	1312-76-1	2.19E-04	24	EC	Above Average	14%
26a	Proceco Washer Combustion Exhaust	0.0020	0.01	25	0.50	8.80	2.10	555996.55	4820512.94	Nitrogen Oxides	10102-44-0	2.47E-03	1, 24	EF	Above Average	8%
26b	Proceco Washer Process Exhaust	0.0020	0.01	25	0.50	8.80	2.10	555998.16	4820512.39	Potassium silicate	1312-76-1	2.19E-04	24	EC	Above Average	14%
26c	Proceco Washer Process Exhaust	0.0020	0.01	25	0.50	8.80	2.10	555998.64	4820510.89	Potassium silicate	1312-76-1	2.19E-04	24	EC	Above Average	14%
26d	Proceco Washer Exhaust	0.0020	0.01	25	0.50	8.80	2.10	556002.39	4820509.47	Nitrogen Oxides	10102-44-0	2.47E-03	1, 24	EF	Above Average	8%
26d	Proceco Washer Exhaust	0.0020	0.01	25	0.50	8.80	2.10	556002.39	4820509.47	Potassium silicate	1312-76-1	2.19E-04	24	EC	Above Average	14%

Table 3
Dispersion Modelling Input Summary Table
Transgear Manufacturing
Guelph, Ontario

Relevant Section of the Regulation	Section Title	Description of How the Approved Dispersion Model was Used
Section 8	Negligible Sources	Sources and contaminants that were considered negligible were explicitly identified, and therefore were not modelled, in accordance with s.8 of O. Reg. 419. See Table 1 - Sources and Contaminants Identification Table and Appendix C of the ESDM Report for more information.
Section 9	Same Structure Contamination	Not applicable as Transgear is the only tenant occupying the building, and does not have a child care facility, health care facility, senior's residence, long-term care facility or an educational facility located at the Facility.
Section 10	Operating Conditions	All equipment was assumed to be operating at the maximum production rates at the same time. See Section 4.1 and Appendix A of the ESDM Report.
Section 11	Source of Contaminant Emission Rate	The emission rate for each significant contaminant emitted from a significant source was estimated, the methodology for the calculation is documented in Table 2 - Source Summary Table. See Section 4.1 and Section 4.2 and Appendix A of the ESDM Report for more information.
Section 12	Combined Effect of Assumptions for Operating Conditions and Emission Rates	The operating conditions were estimated in accordance with s.10(1) and 1 and S.11 (1) 1 of O. Reg. 419 and are therefore considered to result in the highest concentrations at POI that the Facility is capable of for the contaminants emitted. See Section 4.1 and Section 4.2 of the ESDM Report.
Section 13	Meteorological Conditions	MECP meteorological data obtained from Guelph, Ontario was used.
Section 14	Area of Modelling Coverage	Completed in accordance with Ministry of Ontario Modelling Guidance.
Section 15	Stack Height	Documented in accordance with Ministry of Ontario Modelling Guidance.
Section 16	Terrain Data	MECP available Terrain Data sets were used.
Section 17	Averaging Periods	The averaging periods as summarized in Table 2 were used.

Table 4
Emission Summary Table
Transgear Manufacturing
Guelph, Ontario

Contaminant	CAS No.	Total Facility Emission Rate (g/s)	Air Dispersion Model Used	Max. POI Concentration⁽¹⁾ (µg/m³)	Averaging Period (hours)	MECP POI Limit (µg/m³)	Limiting Effect	Benchmark Category	Percentage of MECP POI Limit
Potassium silicate	1312-76-1	1.53E-03	AERMOD v. 16216r	2.35E+00	24	5	Health	B2	47.1%
Nitrogen Oxides	10102-44-0	3.21E-02	AERMOD v. 16216r	8.95E+01	1	400	Health	B1	22.4%
Nitrogen Oxides	10102-44-0	3.21E-02	AERMOD v. 16216r	3.53E+01	24	200	Health	B1	17.6%

Notes:

(1) MECP POI Limit listed on the "Air Contaminants Benchmarks (ACB) List: Standards, Guidelines and Screening Levels for Assessing Point of Impingement Concentrations of Air Contaminants" publication dated April 2018

B1 - Benchmark 1 - Exceedence of a Benchmark 1 concentration triggers specific actions under the Regulation

B2 - Benchmark 2 - Exceedence of a Benchmark 2 concentration triggers a toxicological assessment to determine the likelihood of adverse effect.

Table A.1
Product Usage Rates
Transgear Manufacturing
Guelph, Ontario

Source Designation	Description	Usage Rate
26b, 26c, 26d, 95, 97, 100, 114	Incinco Tempering Furnace Process Exhaust	10.4167 L/hr of MAGCLEAN 3370-B
26b, 26c, 26d, 95, 97, 100, 114	Proceco Washer #2 (021)	0.7440 L/hr of RPA 500
26a	Proceco Washer Combustion Exhaust	200,000 Btu/hr of Natural Gas
26d	Proceco Washer Exhaust	200,000 Btu/hr of Natural Gas
102, 103, 104	Incinco Oven Tempering Furnace #1	550,000 Btu/hr of Natural Gas
105, 106, 107	Incinco Oven Tempering Furnace #2	550,000 Btu/hr of Natural Gas
108, 109, 110	Incinco Oven Tempering Furnace #3	550,000 Btu/hr of Natural Gas
111, 112, 113	Incinco Oven Tempering Furnace #4	550,000 Btu/hr of Natural Gas
115, 116, 117, 118, 119, 120	Inducto Heat OP Stacks	0.95 L/h of AQUA QUENCH 365-H

Table A.2

**Estimated Maximum Natural Gas Combustion Products Emissions
Transgear Manufacturing
Guelph, Ontario**

Source ID	Source Description	Maximum Heat Input Rating (BTU/hr) ⁽²⁾	Estimated Maximum Emission Rate ⁽¹⁾		
			Particulate Matter	Nitrogen Oxides	Carbon Monoxide
26a	Proceco Washer Combustion Exhaust	200,000	1.88E-04	2.47E-03	2.07E-03
26d	Proceco Washer Exhaust	200,000	1.88E-04	2.47E-03	2.07E-03
102, 103, 104	Incinco Oven Tempering Furnace #1	550,000	5.16E-04	6.79E-03	5.70E-03
105, 106, 107	Incinco Oven Tempering Furnace #2	550,000	5.16E-04	6.79E-03	5.70E-03
108, 109, 110	Incinco Oven Tempering Furnace #3	550,000	5.16E-04	6.79E-03	5.70E-03
111, 112, 113	Incinco Oven Tempering Furnace #4	550,000	5.16E-04	6.79E-03	5.70E-03
Total		2,600,000	2.44E-03	3.21E-02	2.70E-02

Note:

(1) Based on Facility-wide BTU/hour rating and USEPA AP-42 emission factors for Natural Gas Combustion, Section 1.4 (<100 MM BTU) as follows:

Particulate Matter	122 kg/10 ⁶ m ³
Nitrogen Oxides	1,600 kg/10 ⁶ m ³
Carbon Monoxide	1,344 kg/10 ⁶ m ³

(2) Emissions from the bottom 5% of the total BTUs for the facility have been considered insignificant and have not been included in the emissions for an area source

Table A.3
Estimated Maximum Process Emission Rates
Transgear Manufacturing
Guelph, Ontario

Stack No.	Product Name	Hourly Usage (L/hr)	Hourly Usage (kg/hr)	Specific Gravity	Ingredients	C.A.S. Number	Maximum Weight Percent (%)	Estimated Fraction Emitted To Atmosphere ⁽¹⁾ (%)	Maximum Emission Rate (g/s)
26b, 26c, 26d, 95, 97, 100, 114	MAGCLEAN 3370-B	10.42	11.042	1.06	Potassium hydroxide	1310-58-3	5%	1%	1.53E-03
					Potassium silicate	1312-76-1	5%	1%	1.53E-03
					Copolymer of ethylene oxide and propylene oxide	9003-11-6	5%	10%	1.53E-02
26b, 26c, 26d, 95, 97, 100, 114	RPA 500	0.74	0.776	1.043	2-Diethylaminoethanol	100-37-8	13%	10%	2.80E-03
					Octanoic acid	124-07-2	7%	1%	1.51E-04
32b	MAGCLEAN 1900-B	0.24	0.345	1.45	Sodium Hydroxide	1310-73-2	40%	1%	3.84E-04
115, 116, 117, 118, 119, 120	AQUA QUENCH 365-H	0.95	1.027	1.09	2, 2', 2''-Nitrilotriethanol	102-71-6	10%	1%	2.85E-04
					Neutralised Potassium Hydroxide	1310-58-3	5%	1%	1.43E-04
					Neutralised Boric Acid	10043-35-3	5%	1%	1.43E-04

Notes:

(1) Fraction emitted to atmosphere based on volatility of compound. 100% estimated for volatiles, 10% for semi-volatiles, and 1% for non-volatiles based on vapor pressure of the respective compound.

Table C.1

**Assessment of Significance of Contaminants using Emission Thresholds
Transgear Manufacturing
Guelph, Ontario**

Contaminant	CAS No.	Maximum Emission Rate (g/s)	MECP POI Limit ⁽¹⁾ (µg/m ³)	Benchmark Category	Averaging Period (hrs)	Emission Threshold (g/s)	Significant? (Y/N)
2-Diethylaminoethanol	100-37-8	2.80E-03	115	B2	24	1.58E-02	N
2, 2', 2"-Nitrilotriethanol	102-71-6	2.85E-04	27	B2	24	3.71E-03	N
Potassium hydroxide	1310-58-3	1.68E-03	14	B1	24	1.92E-03	N
Potassium silicate	1312-76-1	1.53E-03	5	B2	24	6.87E-04	Y
Sodium Hydroxide	1310-73-2	3.84E-04	10	B1	24	1.37E-03	N
Octanoic acid	124-07-2	1.51E-04	165	B2	24	2.27E-02	N
Copolymer of ethylene oxide and propylene oxide	9003-11-6	1.53E-02	120	B2	24	1.65E-02	N
Particulate Matter	NA	2.44E-03	120	B1	24	1.65E-02	N
Carbon Monoxide	630-08-0	2.70E-02	6000	B1	0.5	2.75E-01	N
Neutralised Boric Acid	10043-35-3	1.43E-04	33	B1	24	4.53E-03	N
Nitrogen Oxides	10102-44-0	3.21E-02	400	B1	1	2.20E-02	Y
Nitrogen Oxides	10102-44-0	3.21E-02	200	B1	24	2.75E-02	Y

Notes:

(1) MECP POI Limit listed on the "Air Contaminants Benchmarks (ACB) List: Standards, Guidelines and Screening Levels for Assessing Point of Impingement Concentrations of Air Contaminants" publication dated April 2018

B1 - Benchmark 1 - Exceedence of a Benchmark 1 concentration triggers specific actions under the Regulation

B2 - Benchmark 2 - Exceedence of a Benchmark 2 concentration triggers a toxicological assessment to determine the likelihood of adverse effect.

Table D.1

**AERMOD Input Source Parameters
Transgear Manufacturing
Guelph, Ontario**

Source ID	Description	Source Type	UTM Coordinates		Exit Height (m)	Exit Diameter (m)	Exit Temperature (K)	Exit Velocity (m/s)
			X (m)	Y (m)				
26A	Proceco Washer Combustion Exhaust	Point, Vertical	555996.55	4820512.94	8.80	0.500	298.15	0.01
26B	Proceco Washer Process Exhaust	Point, Vertical	555998.16	4820512.39	8.40	0.180	298.15	0.01
26C	Proceco Washer Process Exhaust	Point, Vertical	555998.64	4820510.89	8.40	0.180	298.15	0.01
26D	Proceco Washer Exhaust	Point, Vertical	556002.39	4820509.47	8.40	0.180	298.15	0.01
95	CSD Washer	Point, Vertical	556006.25	4820565.54	7.92	0.203	298.15	0.01
97	RADCON Washer	Point, Vertical	555993.85	4820552.33	7.92	1.219	298.15	0.01
100	Proceco Washer	Point, Vertical	556003.70	4820525.40	7.92	0.203	298.15	7.51
102	Incinco Oven Tempering Furnace #1	Point, Vertical	555962.48	4820560.96	8.38	0.254	302.150	2.00
103	Incinco Oven Tempering Furnace #1	Point, Vertical	555964.88	4820561.36	7.92	0.254	302.150	2.00
104	Incinco Oven Tempering Furnace #1	Point, Vertical	555962.88	4820558.17	8.53	0.254	302.150	2.00
105	Incinco Oven Tempering Furnace #2	Point, Vertical	556035.84	4820533.27	8.38	0.254	302.150	2.00
106	Incinco Oven Tempering Furnace #2	Point, Vertical	556037.51	4820530.87	7.92	0.254	302.150	2.00
107	Incinco Oven Tempering Furnace #2	Point, Vertical	556038.97	4820532.33	8.53	0.254	302.150	2.00
108	Incinco Oven Tempering Furnace #3	Point, Vertical	556035.83	4820529.35	8.38	0.254	302.150	2.00
109	Incinco Oven Tempering Furnace #3	Point, Vertical	556034.53	4820528.31	7.92	0.254	302.150	2.00
110	Incinco Oven Tempering Furnace #3	Point, Vertical	556033.28	4820530.54	8.53	0.254	302.150	2.00
111	Incinco Oven Tempering Furnace #4	Point, Vertical	555985.85	4820556.00	8.38	0.254	302.15	2.00
112	Incinco Oven Tempering Furnace #4	Point, Vertical	555982.72	4820555.77	8.53	0.254	302.15	2.00
113	Incinco Oven Tempering Furnace #4	Point, Vertical	555985.07	4820553.32	8.53	0.254	302.15	2.00
114	Proceco Washer	Point, Vertical	555967.79	4820556.98	7.92	0.203	298.15	7.51