

Table 2
Source Summary Table - By Source
F & P MFG Inc.
Tottenham, Ontario

Source ID	Source Description	Location	Stack Flow Rate (Am ³ /s)	Stack Exit Gas Temperature (C)	Stack Inner Diameter (m)	Stack Height Above Grade (m)	Stack Height Above Roof (m)	Horizontal, Vertical or Volume	Contaminant	CAS No.	Source Coordinates		Maximum Emission Rate (g/s)	Averaging Period (hours)	Emission Estimation Technique	Emission Data Quality	Source Data % of Overall Emissions (%)
											(x) (m)	(y) (m)					
EF9B	Welding Exhaust	Plant 1	14.15	19	0.91	20.40	3.70	Vertical	Manganese	7439-96-5	596041.31	4875985.99	1.62E-06	24	EF	Arg.	0%
EF9B	Welding Exhaust	Plant 1	14.15	19	0.91	20.40	3.70	Vertical	Chromium	7440-47-3	596041.31	4875985.99	2.06E-07	24	EF	Arg.	0%
EF9B	Welding Exhaust	Plant 1	14.15	19	0.91	20.40	3.70	Vertical	Chromium (hexavalent forms)	18540-29-9	596041.31	4875985.99	2.98E-09	24, Annual	EF	Arg.	0%
EF 10A	Welding Exhaust	Plant 1	6.94	19	1.03	11.20	2.70	Vertical	Nickel	7440-02-0	596030.51	4875952.34	7.95E-03	24	EF	Arg.	4%
EF 10A	Welding Exhaust	Plant 1	6.94	19	1.03	11.20	2.70	Vertical	Iron	7439-89-6	596079.22	4875952.34	7.79E-03	24	EF	Arg.	4%
EF 10A	Welding Exhaust	Plant 1	6.94	19	1.03	11.20	2.70	Vertical	Manganese	7439-96-5	596079.22	4875952.34	1.11E-04	24	EF	Arg.	4%
EF 10A	Welding Exhaust	Plant 1	6.94	19	1.03	11.20	2.70	Vertical	Sulphur	7440-34-9	596079.22	4875952.34	2.78E-06	24	EF	Arg.	7%
EF 10A	Welding Exhaust	Plant 1	6.94	19	1.03	11.20	2.70	Vertical	Chromium	7440-47-3	596079.22	4875952.34	1.19E-05	24	EF	Arg.	4%
EF 10A	Welding Exhaust	Plant 1	6.94	19	1.03	11.20	2.70	Vertical	Chromium (hexavalent forms)	18540-29-9	596079.22	4875952.34	1.71E-07	24, Annual	EF	Arg.	4%
EF 10A	Welding Exhaust	Plant 1	6.94	19	1.03	11.20	2.70	Vertical	Nickel	7440-02-0	596079.22	4875952.34	1.19E-05	24, Annual	EF	Arg.	4%
EF 12A	Welding Exhaust	Plant 1	14.16	23.6	1.40	11.75	3.05	Vertical	Particulate Matter	NA-1	596030.51	4875934.74	9.08E-03	24	EF	Arg.	4%
EF 12A	Welding Exhaust	Plant 1	14.16	23.6	1.40	11.75	3.05	Vertical	Iron	7439-89-6	596030.51	4875934.74	6.88E-03	24	EF	Arg.	4%
EF 12A	Welding Exhaust	Plant 1	14.16	23.6	1.40	11.75	3.05	Vertical	Manganese	7439-96-5	596030.51	4875934.74	1.27E-04	24	EF	Arg.	4%
EF 12A	Welding Exhaust	Plant 1	14.16	23.6	1.40	11.75	3.05	Vertical	Sulphur	7440-34-9	596030.51	4875934.74	3.17E-06	24	EF	Arg.	8%
EF 12A	Welding Exhaust	Plant 1	14.16	23.6	1.40	11.75	3.05	Vertical	Chromium	7440-47-3	596030.51	4875934.74	1.36E-05	24	EF	Arg.	5%
EF 12A	Welding Exhaust	Plant 1	14.16	23.6	1.40	11.75	3.05	Vertical	Chromium (hexavalent forms)	18540-29-9	596030.51	4875934.74	1.95E-07	24, Annual	EF	Arg.	5%
EF 12A	Welding Exhaust	Plant 1	14.16	23.6	1.40	11.75	3.05	Vertical	Nickel	7440-02-0	596030.51	4875934.74	1.36E-05	24, Annual	EF	Arg.	4%
EF 13A	Welding Exhaust	Plant 1	14.16	23.6	1.40	11.50	3.00	Vertical	Particulate Matter	NA-1	596027.3	4875944.25	1.98E-02	24	EF	Arg.	9%
EF 13A	Welding Exhaust	Plant 1	14.16	23.6	1.40	11.50	3.00	Vertical	Iron	7439-89-6	596027.3	4875944.25	1.82E-02	24	EF	Arg.	10%
EF 13A	Welding Exhaust	Plant 1	14.16	23.6	1.40	11.50	3.00	Vertical	Manganese	7439-96-5	596027.3	4875944.25	2.74E-04	24	EF	Arg.	9%
EF 13A	Welding Exhaust	Plant 1	14.16	23.6	1.40	11.50	3.00	Vertical	Sulphur	7440-34-9	596027.3	4875944.25	6.88E-06	24	EF	Arg.	16%
EF 13A	Welding Exhaust	Plant 1	14.16	23.6	1.40	11.50	3.00	Vertical	Chromium	7440-47-3	596027.3	4875944.25	2.94E-05	24	EF	Arg.	10%
EF 13A	Welding Exhaust	Plant 1	14.16	23.6	1.40	11.50	3.00	Vertical	Chromium (hexavalent forms)	18540-29-9	596027.3	4875944.25	4.23E-07	24, Annual	EF	Arg.	10%
EF 13A	Welding Exhaust	Plant 1	14.16	23.6	1.40	11.50	3.00	Vertical	Nickel	7440-02-0	596027.3	4875944.25	2.94E-05	24, Annual	EF	Arg.	9%
EF 13B	Welding Exhaust	Plant 1	14.16	23.6	1.40	11.50	3.00	Vertical	Particulate Matter	NA-1	596031.67	4875945.53	1.52E-02	24	EF	Arg.	7%
EF 13B	Welding Exhaust	Plant 1	14.16	23.6	1.40	11.50	3.00	Vertical	Iron	7439-89-6	596031.67	4875945.53	1.50E-02	24	EF	Arg.	8%
EF 13B	Welding Exhaust	Plant 1	14.16	23.6	1.40	11.50	3.00	Vertical	Manganese	7439-96-5	596031.67	4875945.53	2.12E-04	24	EF	Arg.	7%
EF 13B	Welding Exhaust	Plant 1	14.16	23.6	1.40	11.50	3.00	Vertical	Chromium	7440-47-3	596031.67	4875945.53	2.27E-05	24	EF	Arg.	8%
EF 13B	Welding Exhaust	Plant 1	14.16	23.6	1.40	11.50	3.00	Vertical	Chromium (hexavalent forms)	18540-29-9	596031.67	4875945.53	3.27E-07	24, Annual	EF	Arg.	7%
EF 13B	Welding Exhaust	Plant 1	14.16	23.6	1.40	11.50	3.00	Vertical	Nickel	7440-02-0	596031.67	4875945.53	2.27E-05	24, Annual	EF	Arg.	7%
EF 15A	Welding Exhaust	Plant 1	14.16	23.6	1.40	11.75	3.05	Vertical	Particulate Matter	NA-1	596013.42	4875928.83	9.08E-03	24	EF	Arg.	4%
EF 15A	Welding Exhaust	Plant 1	14.16	23.6	1.40	11.75	3.05	Vertical	Iron	7439-89-6	596013.42	4875928.83	8.88E-03	24	EF	Arg.	4%
EF 15A	Welding Exhaust	Plant 1	14.16	23.6	1.40	11.75	3.05	Vertical	Manganese	7439-96-5	596013.42	4875928.83	1.27E-04	24	EF	Arg.	4%
EF 15A	Welding Exhaust	Plant 1	14.16	23.6	1.40	11.75	3.05	Vertical	Sulphur	7440-34-9	596013.42	4875928.83	3.17E-06	24	EF	Arg.	8%
EF 15A	Welding Exhaust	Plant 1	14.16	23.6	1.40	11.75	3.05	Vertical	Chromium	7440-47-3	596013.42	4875928.83	1.36E-05	24	EF	Arg.	5%
EF 15A	Welding Exhaust	Plant 1	14.16	23.6	1.40	11.75	3.05	Vertical	Chromium (hexavalent forms)	18540-29-9	596013.42	4875928.83	1.95E-07	24, Annual	EF	Arg.	5%
EF 16A	Welding Exhaust	Plant 1	3.40	23.6	0.66	15.60	7.10	Vertical	Particulate Matter	NA-1	596095.2	4875959.61	2.10E-02	24	EF	Arg.	10%
EF 16A	Welding Exhaust	Plant 1	3.40	23.6	0.66	15.60	7.10	Vertical	Iron	7439-89-6	596095.2	4875959.61	2.07E-02	24	EF	Arg.	10%
EF 16A	Welding Exhaust	Plant 1	3.40	23.6	0.66	15.60	7.10	Vertical	Manganese	7439-96-5	596095.2	4875959.61	2.93E-04	24	EF	Arg.	10%
EF 16A	Welding Exhaust	Plant 1	3.40	23.6	0.66	15.60	7.10	Vertical	Chromium	7440-47-3	596095.2	4875959.61	3.14E-05	24	EF	Arg.	11%
EF 16A	Welding Exhaust	Plant 1	3.40	23.6	0.66	15.60	7.10	Vertical	Chromium (hexavalent forms)	18540-29-9	596095.2	4875959.61	4.52E-07	24, Annual	EF	Arg.	11%
EF 16A	Welding Exhaust	Plant 1	3.40	23.6	0.66	15.60	7.10	Vertical	Nickel	7440-02-0	596095.2	4875959.61	3.14E-05	24, Annual	EF	Arg.	10%
Tier A	Tier A Total	Plant 1				Area Source			Nitrogen Oxide	10102-44-0	596053.6	4875998.07	3.58E-02	1, 24	EF	Arg.	1%
Tier B	Tier B Total	Plant 1				Area Source			Nitrogen Oxide	10102-44-0	596015.35	4876026.55	6.79E-02	1, 24	EF	Arg.	1%
Tier C	Tier C Total	Plant 1				Area Source			Nitrogen Oxide	10102-44-0	595994.53	4875962.31	1.10E-01	1, 24	EF	Arg.	2%
Tier D	Tier D Total	Plant 1				Area Source			Nitrogen Oxide	10102-44-0	596051.94	4876069.41	1.68E-01	1, 24	EF	Arg.	3%
Tier E	Tier E Total	Plant 1				Area Source			Nitrogen Oxide	10102-44-0	596084.15	4876079.58	1.48E-02	1, 24	EF	Arg.	0%
Tier F	Tier F Total	Plant 1				Area Source			Nitrogen Oxide	10102-44-0	596186.29	4876083.93	4.89E-02	1, 24	EF	Arg.	1%
Tier G	Tier G Total	Plant 1				Area Source			Nitrogen Oxide	10102-44-0	596214.55	4876077.74	8.15E-03	1, 24	EF	Arg.	0%
Tier H	Tier H Total	Plant 1				Area Source			Nitrogen Oxide	10102-44-0	596184.01	4875943.62	2.72E-03	1, 24	EF	Arg.	0%
Plant 2	Plant 2	Plant 2				Area Source			Nitrogen Oxide	10102-44-0	595980.28	4876493.28	2.16E-01	1, 24	EF	Arg.	4%