

Emission Summary Table – 2023 Operations

Attachment 6

Emission Summary Table Cooper-Standard Automotive Canada Ltd. - R2 Facility 703 Douro Street, Stratford, Ontario

Contaminant	CAS Number	Total Facility Emission Rate	Maximum POI Concentration	Air Dispersion Model Used	Averaging Period	MECP POI Limit	Limiting Effect	Regulation Schedule	Percentage of MECP POI Limit
		(g/s)	(µg/m³)		(hours)	(µg/m³)			
1,3-Butadiene	106-99-0	2.10E-03	4.36E-02	AERMOD v.22112	Annual	2	Health	Sch. 3 - B1	2%
1,3-Butadiene	106-99-0	2.10E-03	4.36E-02	AERMOD v.22112	Annual	20	Health	AAV	<1%
1,3-Butadiene	106-99-0	2.10E-03	8.03E-01	AERMOD v.22112	24-hr	300	Health	DAV	<1%
Acetophenone	98-86-2	3.11E-01	1.32E+02	AERMOD v.22112	1-hr	1167	Health	Sch. 3 - B1	11%
Acetophenone	98-86-2	3.11E-01	2.18E+02	AERMOD v.22112	10-minute	850	Odour	Sch. 3 - B1	26%
Acrolein	107-02-8	1.18E-04	1.69E-02	AERMOD v.22112	24-hr	0.4	Health	Sch. 3 - B1	4%
Acrolein	107-02-8	1.18E-04	5.53E-02	AERMOD v.22112	1-hr	4.5	Health	Sch. 3 - B1	1%
Benzene	71-43-2	1.87E-03	4.47E-02	AERMOD v.22112	Annual	0.45	Health	Sch. 3 - B1	10%
Benzene	71-43-2	1.87E-03	4.47E-02	AERMOD v.22112	Annual	4.5	Health	AAV	<1%
Benzene	71-43-2	1.87E-03	2.56E-01	AERMOD v.22112	24-hr	100	Health	DAV	<1%
Carbon Disulfide	75-15-0	7.61E-01	9.93E+01	AERMOD v.22112	24-hr	330	Odour	Sch. 3 - B1	30%
Dibenzofuran	132-64-9	2.73E-03	3.74E-01	AERMOD v.22112	24-hr	5	Health	Sch. 3 - B2	7%
Hexachlorobutadiene	87-68-3	2.45E-04	3.27E-02	AERMOD v.22112	24-hr	0.225	Health	Sch. 3 - B2	15%
Hexavalent Chromium	18540-29-9	1.31E-07	2.97E-06	AERMOD v.22112	Annual	0.00014	Health	Sch. 3 - B1	2%
Hexavalent Chromium	18540-29-9	1.31E-07	2.97E-06	AERMOD v.22112	Annual	0.0014	Health	AAV	<1%
Hexavalent Chromium	18540-29-9	1.31E-07	2.23E-05	AERMOD v.22112	24-hr	0.07	Health	DAV	<1%
Naphthalene	91-20-3	4.16E-03	5.62E-01	AERMOD v.22112	24-hr	22.5	Health	Sch. 3 - B1	2%
Naphthalene	91-20-3	4.16E-03	3.04E+00	AERMOD v.22112	10-minute	50	Odour	Sch. 3 - B1	6%
Nickel (Ni) Compounds	7440-02-0	1.34E-04	3.14E-03	AERMOD v.22112	Annual	0.04	Health	Sch. 3 - B1	8%
Nickel (Ni) Compounds	7440-02-0	1.34E-04	3.14E-03	AERMOD v.22112	Annual	0.4	Health	AAV	<1%
Nickel (Ni) Compounds	7440-02-0	1.34E-04	1.89E-02	AERMOD v.22112	24-hr	2	Health	DAV	<1%
Nitrogen Oxides	10102-44-0	7.55E-01	1.07E+02	AERMOD v.22112	24-hr	200	Health	Sch. 3 - B1	53%
Nitrogen Oxides	10102-44-0	7.55E-01	3.26E+02	AERMOD v.22112	1-hr	400	Health	Sch. 3 - B1	82%
Triethylamine	121-44-8	1.15E-02	2.06E+00	AERMOD v.22112	24-hr	35	Health	Sch. 3 - B2	6%

Note:

(1) Criteria listed in the MECP Air Contaminants Benchmarks (ACB) List: Standards, Guidelines, and Screening Levels for Assessing POI Concentrations of Air Contaminants dated April 2023