

Emission Summary Table – 2024 Operations

Attachment 6

Emission Summary Table
Cooper-Standard Automotive Canada Ltd. - R3 Facility
341 Erie Street, Stratford, Ontario

Contaminant	CAS No.	Total Facility Emission Rate (g/s)	Air Dispersion Model Used	Max. POI Concentration (µg/m ³)	Averaging Period (hours)	MECP POI Limit ⁽¹⁾ (µg/m ³)	Benchmark	Limiting Effect	Percentage of MECP POI Limit
1,3-Butadiene	106-99-0	2.85E-04	AERMOD v. 22112	1.27E-02	Annual	2	Health	Sch. 3 - B1	<1%
1,3-Butadiene	106-99-0	2.85E-04	AERMOD v. 22112	1.27E-02	Annual	20	Health	AAV	<1%
1,3-Butadiene	106-99-0	2.85E-04	AERMOD v. 22112	7.72E-02	24-hr	300	Health	DAV	<1%
Acrylonitrile	107-13-1	1.72E-04	AERMOD v. 22112	4.66E-02	24-hr	0.6	Health	Sch. 3 - B1	8%
Carbon Disulfide	75-15-0	7.08E-02	AERMOD v. 22112	1.92E+01	24-hr	330	Odour	Sch. 3 - B1	6%
Carbonyl Sulfide	463-58-1	5.64E-02	AERMOD v. 22112	1.53E+01	24-hr	23	Health	MACL	67%
Nickel (Ni) Compounds	7440-02-0	8.52E-07	AERMOD v. 22112	3.80E-05	Annual	0.04	Health	Sch. 3 - B1	<1%
Nickel (Ni) Compounds	7440-02-0	8.52E-07	AERMOD v. 22112	3.80E-05	Annual	0.4	Health	AAV	<1%
Nickel (Ni) Compounds	7440-02-0	8.52E-07	AERMOD v. 22112	2.31E-04	24-hr	2	Health	DAV	<1%
Nitrogen Oxides	10102-44-0	1.59E-01	AERMOD v. 22112	3.11E+02	½-hr	1880	E-Gen	E-Gen	17%
Nitrogen Oxides	10102-44-0	1.24E-01	AERMOD v. 22112	7.26E+01	24-hr	200	Health	Sch. 3 - B1	35%
Nitrogen Oxides	10102-44-0	1.24E-01	AERMOD v. 22112	2.59E+02	1-hr	400	Health	Sch. 3 - B1	65%
Zinc Dimethyldithiocarbamate	137-30-4	2.56E-04	AERMOD v. 22112	6.95E-02	24-hr	1	Health	Sch. 3 - B2	7%

Notes:

Sch. 3: Refers to Standards in Schedule 3 of O. Reg. 419/05.

Sch. 3 - B1: Benchmark 1 Value - Standards and Guidelines

Sch. 3 - B2: Benchmark 2 Value - Screening Levels

E-Gen - refers to POI Limit from document entitled "Emergency Generator Checklist Supplement To Application For Approval, EPA s. 5"

MCL - Maximum Acceptable Concentration Level assessment prepared by AMEC Inc. and submitted to the MECP

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