

STRATFORD SEALING

Emission Summary Table – 2017 Operating Year – E.C.A. 6555-9KJLCX

Attachment 6

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

Contaminant	CAS No.	Total Facility Emission Rate (g/s)	Air Dispersion Model Used	Max. POI Concentration ($\mu\text{g}/\text{m}^3$)	Averaging Period (hours)	MOECC POI Limit ⁽²⁾ ($\mu\text{g}/\text{m}^3$)	Benchmark	Limiting Effect	Percentage of MOECC POI Limit
Nitrogen Oxides	10102-44-0	7.89E-01	AERMOD	1.10E+02	24	200	B1	Health	55%
			AERMOD	2.66E+02	1	400	B1	Health	67%
Acrolein	107-02-8	1.18E-04	AERMOD	2.00E-02	24	0.4	B1	Health	5%
			AERMOD	5.00E-02	1	4.5	B1	Health	1%
Dipropylene Glycol Dimethyl Ether	111109-77-4	1.62E-01	AERMOD	3.50E+01	24	295	B2	Health	12%
Dipropylene Glycol Methyl Ether	34590-94-8	7.44E-01	AERMOD	1.36E+02	24	1550	B2	Health	9%
Triethylamine	121-44-8	7.67E-03	AERMOD	1.30E+00	24	35	B2	Health	4%
Siloxanes and Silicones	153890-18-7	3.03E-03	AERMOD	7.00E-01	24	14 (1)	Max GLC	NA	5%
Benzene	71-43-2	2.02E-03	AERMOD	2.70E-01	24	100	DAV	Health	<1%
			AERMOD	4.20E-02	Annual	4.5	AAV	Health	1%
			AERMOD	4.20E-02	Annual	0.45	B1	Health	9%
Carbon Disulfide	75-15-0	7.73E-01	AERMOD	1.01E+02	24	330	B1	Odour	31%
Amorphous Silica Dust	7631-86-9	1.21E-03	AERMOD	3.00E-01	24	5	B2	Health	6%
Alcohols, C12-14-Secondary, Ethoxylated	84133-50-8	1.39E-03	AERMOD	3.00E-01	24	86	B2	NA	0%
Hexachlorobutadiene	87-68-3	2.44E-04	AERMOD	3.00E-02	24	0.225	B2	Health	13%
Naphthalene	91-20-3	4.15E-03	AERMOD	6.10E-01	24	22.5	B1	Health	3%
			AERMOD	2.90E+00	10-min	50	B1	Odour	6%
Acetophenone	98-86-2	3.10E-01	AERMOD	1.28E+02	1	1167	B1	Health	11%
			AERMOD	2.11E+02	10-min	850	B1	Odour	25%
Nickel	7440-02-0	1.32E-04	AERMOD	1.90E-02	24	2	DAV	Health	<1%
			AERMOD	2.70E-03	Annual	0.4	AAV	Health	1%
			AERMOD	2.70E-03	Annual	0.04	B1	Health	7%

Notes:

B1 - Benchmark 1

B2 - Benchmark 2

DAV - Daily Assessment Value

AAV - Annual Assessment Value

NA - Not Applicable

(1) Per approved Maximum Contaminant Level Assessment.

(2) Criteria listed in the MOECC Air Contaminants Benchmarks (ACB) List: Standards, Guidelines, and Screening Levels for Assessing POI Concentrations of Air Contaminants, dated December 2017.