

Emission Summary Table December 7, 2016

Honda of Canada Mfg.

Air Dispersion Model Used: AERMOD

Contaminant	CAS #	Total Facility Emission Rate (g/s)	Max POI Concentration (µg/m ³)	Averaging Period	MOE POI Limit (µg/m ³)	Limiting Effect	Regulation Schedule	% of MOE POI Limit
Formaldehyde	50-00-0	1.8	12.0	24 hr	65	Health	3	18.5
Isopropyl alcohol	67-63-0	19.4	123.9	24 hr	7300	Health	3	1.7
n-Butyl alcohol	71-36-3	16.6	119.0	24 hr	920	Health	3	12.9
			859.3	10 min	2100	Odour	Guideline	40.9
Isobutanol	78-83-1	6.5	42.8	24 hr	4600	Health	3	0.9
			357.9	10 min	2340	Odour	Guideline	15.3
Methyl ethyl ketone	78-93-3	4.3	38.7	24 hr	1000	Health	3	3.9
Naphthalene	91-20-3	0.9	5.0	24 hr	22.5	Health	Guideline	22.2
			41.1	10 min	50	Odour	Guideline	82.2
Trimethylbenzenes	95-63-6, 108-67-8	13.4	85.4	24 hr	220	Health	3	38.8
Isobutyl isobutyrate	97-85-8	9.2	95.5	24 hr	1200	n/a	JSL	8.0
Ethylbenzene	100-41-4	9.7	62.4	24 hr	1000	Health	3	6.2
			505.2	10 min	1900	Odour	Guideline	26.6
2-Ethyl hexyl acetate	103-09-3	1.3	13.4	24 hr	15	n/a	JSL	89.3
Propyl benzene	103-65-1	1.0	6.5	24 hr	20	n/a	JSL	32.4
Ethyl hexanol, 2-	104-76-7	2.2	106.0	1 hr	600	Odour	Guideline	17.7
Propyl propionate	106-36-5	5.3	53.8	24 hr	84	n/a	JSL	64.1
Dimethyl succinate	106-65-0	0.9	5.3	24 hr	40	n/a	JSL	13.3
Dimethylaminoethanol	108-01-0	0.7	6.8	24 hr	22	n/a	JSL	31.0
Methyl isobutyl ketone	108-10-1	4.2	30.3	24 hr	1200	Odour	Guideline	2.5
Propylene carbonate	108-32-7	0.5	4.7	24 hr	40	n/a	JSL	11.8
Propylene glycol mono methyl ether acetate	108-65-6	26.1	165.1	24 hr	5000	Odour	Guideline	3.3
Diisobutyl ketone	108-83-8	6.0	42.3	24 hr	3500	Health	Guideline	1.2
			350.0	10 min	649	Odour	Guideline	53.9
Toluene	108-88-3	10.2	71.8	24 hr	2000	Odour	Guideline	3.6
Dimethyl-1,3-diamino propane	109-55-7	0.2	1.9	24 hr	20	Health	Guideline	9.6
Isobutyl acetate	110-19-0	17.6	1182.0	10 min	1660	Odour	Guideline	71.2

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Methyl n-amyl ketone	110-43-0	18.2	127.2	24 hr	4600	Health	Guideline	2.8
Diisopropanolamine	110-97-4	0.3	3.3	24 hr	4	n/a	JSL	82.5
ethylene glycol butyl ether (butyl cellosolve)	111-76-2	6.3	50.5	24 hr	2400	Health	Guideline	2.1
			377.5	10 min	500	Odour	Guideline	75.5
Ethylene glycol butyl ether acetate	112-07-2	9.5	64.2	24 hr	3250	Health	Guideline	2.0
			481.8	10 min	700	Odour	Guideline	68.8
Diethylene glycol monobutyl ether	112-34-5	1.7	22.7	24 hr	65	Health	Guideline	34.9
n-Butyl acetate	123-86-4	16.5	537.8	1 hr	15000	Health	Guideline	3.6
			887.4	10 min	1000	Health	Guideline	88.7
Amino methyl propanol	124-68-5	1.3	10.0	24 hr	18	n/a	JSL	55.6
n-Butyl propionate	590-01-2	6.7	69.1	24 hr	92	n/a	JSL	75.1
Dimethyl carbonate	616-38-6	7.8	78.5	24 hr			See note	n/a
n Pentyl propionate	624-54-4	11.7	82.5	24 hr			See note	n/a
Dimethyl adipate	627-93-0	0.9	5.3	24 hr	40	n/a	JSL	13.3
1,6-Hexanediol	629-11-8	0.3	3.5	24 hr	14	n/a	JSL	25.0
Ethyl-3-ethoxy propionate	763-69-9	2.6	146.0	10 min	200	Odour	Guideline	73.0
Hexamethylene diisocyanate monomer	822-06-0	0.001	0.01	24 hr	0.03	Health	3	41.0
Dimethyl glutarate	1119-40-0	2.6	17.5	24 hr	40	n/a	JSL	43.8
Xylene	1330-20-7	37.0	217.3	24 hr	730	Health	3	29.8
			1947.8	10 min	3000	Odour	Guideline	64.9
Naphthenic acid	1338-24-5	2.8	20.6	24 hr	40	n/a	JSL	51.5
Trimethyl orthoacetate	1445-45-0	2.8	19.2	24 hr	24	n/a	JSL	80.0
Ethylene glycol 2-ethylhexyl ether	1559-35-9	2.9	30.6	24 hr	37	n/a	JSL	82.7
Diethylene glycol 2-ethylhexyl ether	1559-36-0	0.4	3.8	24 hr	22	n/a	JSL	17.3
Propylene glycol monopropyl ether	1569-01-3	2.2	14.3	24 hr	520	n/a	JSL	2.8
1-Butoxy-2-propanol	5131-66-8	11.6	92.4	24 hr	3300	Health	Guideline	2.8
Hydrogen chloride	7647-01-0	0.06	1.4	24 hr	20	Health	3	7.0
Fluorides (as HF) Total	7664-39-3	0.01	0.4	24 hr	1.72	Vegetation	3	23.3
			0.08	30 days	0.69	Vegetation	3	11.5
Tetramethyl decyldiol	9014-85-1	0.7	7.7	24 hr	88	n/a	JSL	8.8

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Nitrogen oxides	10102-44-0	9.1	65.3	24 hr	200	Health	3	32.7
			319.0	1 hr	400	Health	3	79.8
Titanium Dioxide	13463-67-7	0.6	4.7	24 hr	34	Health	Guideline	13.8
Polyethylene glycol	25322-68-3	0.4	3.8	24 hr	40	n/a	JSL	9.5
Aliphatic polyisocyanate resin	28182-81-2	0.15	1.6	24 hr	3	Health	3	52.3
Dipropylene-glycol-methyl-ether	34590-94-8	6.7	50.5	24 hr	1400	n/a	JSL	3.6
Propylene glycol t-butyl ether	57018-52-7	3.7	38.3	24 hr	292	n/a	JSL	13.1
Mineral spirits	N/A	54.4	324.6	24 hr	2600	Health	3	12.5
Total Particulate	N/A	1.7	13.6	24 hr	120	Visibility	3	11.3

Note: For evaluation of substances requiring MCL review refer to Appendix D.

**Acoustic Assessment Summary Table (Non-Impulsive Sources)
October, 2014**

Point of Reception	Description of Reception Point	Facility Leq (dBA)	Verified by Acoustic Audit	Performance Limit (dBA)	Compliance with Performance Limit
<i>Day (0700 h to 1900 h)</i>					
POR 1a	Residence Outdoor (@ 1.5 m)	48	No	65	Yes
POR 1b	Residence Window (@ 1.5 m)	47	No	59	Yes
POR 2a	Residence Outdoor (@ 1.5 m)	49	No	50	Yes
POR 2b	Residence Window (@ 1.5 m)	49	No	50	Yes
POR 3a	Residence Outdoor (@ 1.5 m)	47	No	64	Yes
POR 3b	Residence Window (@ 1.5 m)	47	No	57	Yes
POR 4a	Residence Outdoor (@ 1.5 m)	50	No	50	Yes
POR 4b	Residence Window (@ 1.5 m)	49	No	50	Yes
POR 5a	Residence Outdoor (@ 1.5 m)	48	No	50	Yes
POR 5b	Residence Window (@ 1.5 m)	48	No	50	Yes
POR 6a	Residence Outdoor (@ 1.5 m)	46	No	50	Yes
POR 6b	Residence Window (@ 1.5 m)	46	No	50	Yes
<i>Evening (1900 h to 2300 h)</i>					
POR 1a	Residence Outdoor (@ 1.5 m)	46	No	60	Yes
POR 1b	Residence Window (@ 1.5 m)	45	No	53	Yes
POR 2a	Residence Outdoor (@ 1.5 m)	45	No	45	Yes
POR 2b	Residence Window (@ 1.5 m)	45	No	50	Yes
POR 3a	Residence Outdoor (@ 1.5 m)	47	No	58	Yes
POR 3b	Residence Window (@ 1.5 m)	47	No	52	Yes
POR 4a	Residence Outdoor (@ 1.5 m)	44	No	45	Yes
POR 4b	Residence Window (@ 1.5 m)	44	No	50	Yes
POR 5a	Residence Outdoor (@ 1.5 m)	44	No	45	Yes
POR 5b	Residence Window (@ 1.5 m)	44	No	50	Yes
POR 6a	Residence Outdoor (@ 1.5 m)	44	No	45	Yes
POR 6b	Residence Window (@ 1.5 m)	45	No	50	Yes
<i>Evening (1900 h to 2300 h)</i>					
POR 1b	Residence Window (@ 1.5 m)	44	No	50	Yes
POR 2b	Residence Window (@ 1.5 m)	45	No	45	Yes
POR 3b	Residence Window (@ 1.5 m)	47	No	48	Yes
POR 4b	Residence Window (@ 1.5 m)	43	No	45	Yes
POR 5b	Residence Window (@ 1.5 m)	44	No	45	Yes
POR 6b	Residence Window (@ 1.5 m)	44	No	45	Yes