

Emission Summary Table

Honda of Canada Mfg.

December 31, 2016

Air Dispersion Model Used: AERMOD

Contaminant	CAS #	Total Facility Emission Rate (g/s)	Max POI Concentration (µg/m <sup>3</sup> )	Averaging Period	MOE POI Limit (µg/m <sup>3</sup> )	Limiting Effect	Regulation Schedule	% of MOE POI Limit
Formaldehyde	50-00-0	1.75	12.7	24 hr	65	Health	3	19.5
n-Butyl alcohol	71-36-3	15.57	102.3	24 hr	920	Health	3	11.1
			827.0	10 min	2100	Odour	Guideline	39.4
Primary amyl alcohol-mixed isomers	71-41-0	3.68	44.1	24 hr	120	n/a	JSL	46.8
Isobutanol	78-83-1	6.54	40.8	24 hr	4600	Health	3	0.9
			354.4	10 min	2340	Odour	Guideline	15.1
Methyl ethyl ketone	78-93-3	3.45	31.4	24 hr	1000	Health	3	3.1
Naphthalene	91-20-3	0.79	4.8	24 hr	22.5	Health	Guideline	21.3
			41.8	10 min	50	Odour	Guideline	83.6
Trimethylbenzenes	95-63-6, 108-67-8	12.71	79.9	24 hr	220	Health	3	36.3
Isobutyl isobutyrate	97-85-8	9.22	95.5	24 hr	1200	n/a	JSL	8.0
Ethylbenzene	100-41-4	9.57	57.8	24 hr	1000	Health	3	5.8
			499.6	10 min	1900	Odour	Guideline	26.3
2-Ethyl hexyl acetate	103-09-3	1.27	13.4	24 hr	15	n/a	JSL	89.3
Propyl benzene	103-65-1	0.93	5.6	24 hr	20	n/a	JSL	28.0
Ethyl hexanol, 2-	104-76-7	2.28	111.6	1 hr	600	Odour	Guideline	18.6
Propyl propionate	106-36-5	5.00	49.3	24 hr	84	n/a	JSL	58.7
Dimethyl succinate	106-65-0	0.67	4.2	24 hr	40	n/a	JSL	10.6
Dimethylaminoethanol	108-01-0	0.70	7.6	24 hr	22	n/a	JSL	35.5
Methyl isobutyl ketone	108-10-1	4.02	27.4	24 hr	1200	Odour	Guideline	2.3
Propylene carbonate	108-32-7	0.43	4.0	24 hr	40	n/a	JSL	10.0
Propylene glycol mono methyl ether acetate	108-65-6	26.22	174.0	24 hr	5000	Odour	Guideline	3.5
Diisobutyl ketone	108-83-8	6.07	41.4	24 hr	3500	Health	Guideline	1.1
			346.0	10 min	649	Odour	Guideline	53.3
Toluene	108-88-3	9.55	62.5	24 hr	2000	Odour	Guideline	3.1
Dimethyl-1,3-diamino propane	109-55-7	0.21	2.1	24 hr	20	Health	Guideline	10.5

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Isobutyl acetate	110-19-0	16.48	1109.5	10 min	1660	Odour	Guideline	66.8
Methyl n-amyl ketone	110-43-0	17.37	122.3	24 hr	4600	Health	Guideline	2.7
Diisopropanolamine	110-97-4	0.48	3.8	24 hr	4	n/a	JSL	94.0
ethylene glycol butyl ether (butyl cellosolve)	111-76-2	5.36	51.2	24 hr	2400	Health	Guideline	2.1
			396.1	10 min	500	Odour	Guideline	79.2
Ethylene glycol butyl ether acetate	112-07-2	9.15	58.4	24 hr	3250	Health	Guideline	1.8
			471.9	10 min	700	Odour	Guideline	67.4
Diethylene glycol monobutyl ether	112-34-5	0.69	7.9	24 hr	65	Health	Guideline	12.2
n-Butyl acetate	123-86-4	16.03	504.0	1 hr	15000	Health	Guideline	3.4
			831.6	10 min	1000	Health	Guideline	83.2
Amino methyl propanol	124-68-5	1.25	10.4	24 hr	18	n/a	JSL	57.8
2-Methyl butyl alcohol	137-32-6	0.97	11.8	24 hr	13	n/a	JSL	90.8
n-Butyl propionate	590-01-2	5.26	52.6	24 hr	92	n/a	JSL	57.2
Dimethyl carbonate	616-38-6	7.75	78.5	24 hr			See note	n/a
n Pentyl propionate	624-54-4	11.73	82.5	24 hr			See note	n/a
Dimethyl adipate	627-93-0	0.67	4.2	24 hr	40	n/a	JSL	10.5
1,6-Hexanediol	629-11-8	0.19	2.3	24 hr	14	n/a	JSL	16.4
Ethyl-3-ethoxy propionate	763-69-9	2.69	153.5	10 min	200	Odour	Guideline	76.8
Hexamethylene diisocyanate monomer	822-06-0	0.001	0.01	24 hr	0.03	Health	3	41.0
Dimethyl glutarate	1119-40-0	4.10	31.5	24 hr	40	n/a	JSL	78.8
Xylene	1330-20-7	36.99	233.7	24 hr	730	Health	3	32.0
			1958.6	10 min	3000	Odour	Guideline	65.3
Naphthenic acid	1338-24-5	2.54	17.4	24 hr	40	n/a	JSL	43.5
Trimethyl orthoacetate	1445-45-0	2.75	20.4	24 hr	24	n/a	JSL	85.0
Ethylene glycol 2-ethylhexyl ether	1559-35-9	3.07	32.8	24 hr	37	n/a	JSL	88.6
Diethylene glycol 2-ethylhexyl ether	1559-36-0	0.38	4.1	24 hr	22	n/a	JSL	18.6
Propylene glycol monopropyl ether	1569-01-3	2.04	13.8	24 hr	520	n/a	JSL	2.7
1-Butoxy-2-propanol	5131-66-8	11.81	97.6	24 hr	3300	Health	Guideline	3.0
Hydrogen chloride	7647-01-0	0.06	0.7	24 hr	20	Health	3	3.5
Fluorides (as HF) Total	7664-39-3	0.01	0.2	24 hr	1.72	Vegetation	3	9.3



**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