

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Source Name (3)	Air Contaminant lb/hr	Air Contaminant TPY	Emission Rates
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21832

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

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O11ES3	F-1 Furnace Stack		NOx	0.33	1.46
			SO2	0.001	0.006
			VOC	0.018	0.078
			CO	0.07	0.29
			PM10	0.002	0.04
O11ES4	F-2 Furnace Stack		NOx	0.167	0.73
			SO2	<0.001	0.003
			VOC	0.009	0.039
			CO	0.07	0.29
			PM10	0.002	0.04
O11FL1	Flare		VOC	3.85	0.38
O11SB2	Vent		VOC	0.11	0.48
O11ST1	Tank Vent		VOC	4.79	0.05
O11ST2	Tank Vent		VOC	9.1	0.23
O11ST5	Tank Vent		VOC	0.87	0.09

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	Name (2)	Name (3)	lb/hr	TPY		
O11T7	Tank Vent			VOC	0.005	0.006
O11T9	Tank Vent			VOC	0.06	0.07
O11T11	Tank Vent			VOC	0.05	0.06
O11T15	Tank Vent			VOC	0.12	0.13
O11T16	Tank Vent			VOC	0.05	0.06
O11VS2	Vent System			VOC	0.71	0.372
O11T24	Tank Vent			VOC	0.23	0.091
O15LR1	Loading Spot			VOC	0.17	0.36
O15LT76	Loading Spot			VOC	0.17	0.36
O15T511	Tank Vent			VOC	1.73	1.44
O48T205	Tank Vent			VOC	3.08	1.57
O48T206	Tank Vent			VOC	3.08	1.57
O48T56	Tank Vent			VOC	0.87	0.12
O48T59	Tank Vent			VOC	0.12	0.28
O48T84	Tank Vent			VOC	0.12	0.01
O49T200	Tank Vent			VOC	24.6	1.70
O49T201	Tank Vent			VOC	24.6	1.70
O93T10	Tank Vent			VOC	0.14	0.14

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Emission Point No. (1)	Source		Air Contaminant		<u>Emission Rates</u>	
	Name (2)	Name (3)	lb/hr	TPY		
O93T11	Tank Vent			VOC	1.7	0.99
O98LD1	Loading Spot			VOC	0.11	0.23
O93LR1	Loading Spot			VOC	0.08	0.36
O98LT1	Loading Spot			VOC	0.08	0.36
170FLAH	Flare			VOC	0.1	<0.01
FO11FGW	Fugitives (4)			VOC	0.17	0.75
FO11FG3	Fugitives (4)			VOC	3.66	16.04
FO15FG6	Fugitives (4)			VOC	0.08	0.33
FO48FG1	Fugitives (4)			VOC	0.52	2.30
FO48FG2	Fugitives (4)			VOC	0.30	1.32
FO93FG2	Fugitives (4)			VOC	0.15	0.65
FO98FG1	Fugitives (4)			VOC	0.23	1.00
	Maintenance Emissions			VOC		2.5

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) PM10 - particulate matter less than 10 microns
VOC - volatile organic compounds as defined in General Rule 101.1
NOx - total oxides of nitrogen
SO2 - sulfur dioxide
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.