

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 9429

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.

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
S-1	Thermal Oxidizer Scrubber	VOC (5) (6)	16.90	3.21
		CO	0.36	1.57
		NOx	1.44	6.29
		SO2	1.01	0.37
		PM	0.45	1.97
		HCl	2.95	0.70
SR-2	CAS for Freon 113	Freon	8.00	0.73
B-1	Boiler	VOC	0.03	0.06
		CO	0.13	0.45
		NOx	0.61	2.65
		SO2	<0.01	0.01
		PM	0.07	0.25
FSR1	Crude Tanks Fugitives (4)	VOC (5) (6)	0.08	0.36
FSR2	Solvent Recycling Fugitives (4)	VOC (5) (6)	0.04	0.16
FSR3	Product Tanks Fugitives (4)	VOC (5) (6)	0.14	0.62
FAB	Truck Bays A-B	VOC (5) (6)	0.02	0.09

	Fugitives (4)			
FT102	Tank Fugitives (4)	VOC (5) (6)	0.06	0.02
FT105	Fuel Blending Tanks Fugitives (4)	VOC (5) (6)	0.05	0.22
FT106	Fuel Blending Tanks Fugitives (106 and 107)(4)	VOC (5) (6)	0.01	0.05

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
FT110	Tanks Fugitives (4)	VOC (5) (6)	0.01	0.05
FT111	Tanks Fugitives (4)	VOC (5) (6)	0.01	0.05
F1-5	Bay 1-5 Fugitives (4)	VOC (5) (6)	0.01	0.05
F6-9	Truck Bays 6-9 Fugitives (4)	VOC (5) (6)	0.04	0.19
FSS	Shale Shaker Fugitives	VOC (5) (6)	0.25	<0.01
FGW	Ground Water Tanks Fugitives (4)	VOC (5) (6)	<0.01	<0.01
FSB	Scrubber Blowdown Tanks Fugitives (4)	VOC (5) (6)	<0.01	<0.01

(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) VOC - volatile organic compounds as defined in General Rule 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

PM - particulate matter
CO - carbon monoxide
HCl - hydrogen chloride

- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Maximum allowable speciated compounds are limited to the concentrations (C1, C4, C5, and C6) and throughput limitations listed on Attachment I to this permit.
- (6) For emission rate limits of specific compounds, see Tables C-1 through C-6 of the May 1995 (complete as of July 31, 1995) Modeling Report

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

_____ Hrs/day __ Days/week __ Weeks/year or 8,760 Hrs/year

Dated _____