

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 20601

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
E5	Thermal Oxidizer	PM	0.04	0.17
		VOC	1.04	4.54
		SO ₂	<0.01	0.02
		NO _x	0.84	3.68
		CO	0.18	0.78
E6	Carbon Adsorption System (4) <0.01		VOC	0.09
6303	Soybean Oil Tank	VOC	0.02	<0.01
6501	Dipropylene Glycol Tank	VOC	0.03	<0.01
6502	Tall Oil Fatty Acid Tank	VOC	0.02	<0.01
6503	Ethylene Glycol Tank	VOC	0.48	<0.01
6504	Glycerine Tank	VOC	0.26	<0.01
6507	Tall Oil Fatty Acid Tank	VOC	0.02	<0.01
6513	Propylene Glycol Tank	VOC	0.15	<0.01
6514	Diethylene Glycol Tank	VOC	0.03	<0.01
F1	Fugitives (5)	VOC	0.93	4.08

(1) Emission point identification - either specific equipment designation

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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
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide

(4) The carbon adsorption system shall be used during periods when the thermal oxidizer goes off-line.

(5) Fugitive emissions are an estimate only.

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

24 Hrs/day, 7 Days/week, 52 Weeks/year

Dated_____