

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 20567

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, sources, and related activities. 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	
			lbs/hour (6)	TPY (4)
028D4V	D-4 Waste Vat	VOC	0.35	0.10
028H1	H-1 Heater	VOC	0.03	0.03
		NOx	0.54	0.54
		PM10	0.04	0.04
		PM2.5	0.04	0.04
		SO2	0.01	0.01
		CO	0.45	0.45
028T22	Tank 22	VOC	0.16	0.02
028T153	Tank 153	VOC	0.01	0.01
028T169	Tank 169	VOC	0.43	1.89
028T190	Tank 190	VOC	0.01	0.01
028T200	Tank 200	VOC	0.10	0.07
028T900	Tank 900 (Corrosion Inhibitor)	VOC	0.01	0.01
F028PS1	Process Sewer	VOC	0.10	0.40
F028FG1	Fugitives (5)	VOC	13.21	57.34
054BS1	Product Loading	VOC	0.43	0.35
054DR1	Heating Oil Drum	VOC	0.01	0.01
054DS1	Product Drumming	VOC	0.43	0.35
054FL2	Process Flare	VOC	31.44	16.21
		NOx	5.58	3.68

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		SO <sub>2</sub>	0.01	0.01
		CO	47.83	31.53
055T3	Tank 3	VOC	6.08	1.17
F055T8	Tank Tapings	VOC	9.60	0.08
028T160	Recycle OMS Tank	VOC	0.12	0.01
028WR1	Waste Removal Operations	VOC	2.41	0.05
054TCW	Chilled Water Tank	VOC	0.01	0.01
054TGLY	Glycol Tank	VOC	0.01	0.01
054TWW	Wastewater Sump	VOC	0.01	0.01
054LOAD	Loading Emissions	VOC	3.17	1.78

- (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 Title 30 Texas Administrative Code § 101.1  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented  
CO - carbon monoxide
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Flow rates are hourly averages, not instantaneous.

Date: April 4, 2013