

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 19198 and PSDTX760M8

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)	<u>Emission Rates *</u>	
			lb/hr	TPY**
EG-CT	Cooling Tower	VOC	1.99	8.69
EP-6	Ethylene Glycol Degreaser	VOC	0.14	0.59
EP221	CO ₂ Regenerator Vent	VOC	4.73	20.71
EP552	Caustic Tank GT552	NaOH	0.01	0.01
EP615	GT615 Tank	VOC	2.55	0.34
EP630A	GT630A Tank	VOC	0.22	0.11
EP630B	GT630B Tank	VOC	0.22	0.11
EP630C	GT630C Tank	VOC	0.22	0.11
EP725A	GT725A Tank	VOC	0.01	0.01
EP725B	GT725B Tank	VOC	0.01	0.01
EP730A	GT730A Tank	VOC	0.01	0.01
EP730B	GT730B Tank	VOC	0.01	0.01
EP740	GT740 Tank	VOC	0.01	0.01
EP750	GT750 Tank	VOC	0.01	0.01
EP806	GT806 Tank	VOC	0.41	0.38
EP807	GT807 Tank	VOC	0.41	0.38
EP808	GT808 Tank	VOC	0.02	0.02

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
EP809	GT809 Tank	VOC	0.01	0.01
EP910	Common Incinerator Stack	CO	1.56	6.83
		NO _x	1.44	6.31
		PM ₁₀	0.25	1.08
		SO ₂	0.03	0.11
		VOC	0.06	0.25
PF-LO1	Crude Glycol and PEG Loading Losses	VOC	1.25	0.02
EGFUG1	Process Piping Fugitives (4)	EtO	0.07	0.32
		VOC (5)	1.86	8.11

- (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) CO - carbon monoxide
EtO - ethylene oxide
NaOH - sodium hydroxide
NO_x - total oxides of nitrogen
PM₁₀ - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
SO₂ - sulfur dioxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Fugitive emission rates are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Ethylene oxide emissions are not included in the VOC emissions total.

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

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

** Compliance with annual emission limits is based on a rolling 12-month period.

Dated June 25, 2010