

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 8935 and PSDTX448

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 Emission Rates *	Source	Air Contaminant		
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY **
E-13	Compressor Engine 160	VOC	1.68	7.36
		CH ₂ O	0.78	3.42
		NO _x	25.79	112.96
		CO	5.95	26.06
		SO ₂	0.01	0.04
		PM	0.68	2.98
E-14	Compressor Engine 161	VOC	1.68	7.36
		CH ₂ O	0.78	3.42
		NO _x	25.79	112.96
		CO	5.95	26.06
		SO ₂	0.01	0.04
		PM	0.68	2.98
E-18	Compressor Engine 61	VOC	1.10	4.82
		CH ₂ O	0.53	2.32
		NO _x (5)	17.64	77.26
		CO	8.82	38.63
		SO ₂	0.01	0.04
		PM	0.75	3.29
E-19	Compressor Engine 159	VOC	1.10	4.82
		CH ₂ O	0.53	2.32
		NO _x (5)	17.64	77.26
		CO	8.82	38.63
		SO ₂	0.01	0.04
		PM	0.75	3.29
SF-01	Site Fugitives (4)	VOC	1.62	6.58

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Point No. (1)	Name (2)	Name (3)	lb/hr	TPY **
H-17	Glycol Reboiler (6)	VOC	0.28	1.21
		NO _x	0.10	0.44
		CO	0.08	0.35
		SO ₂	0.01	0.01
		PM	0.01	0.04
H-20	Amine Reboiler (7)	VOC	0.01	0.02
		NO _x	0.07	0.31
		CO	0.06	0.26
		SO ₂	0.01	0.01
		PM	0.01	0.04
EAV-1	Amine Vent (7)	VOC	0.20	0.86
SCT-1	Stabilized Condensate Tank 1 (7)	VOC	0.84	0.65
SCT-2	Stabilized Condensate Tank 2 (7)	VOC	0.84	0.65
PWT-1	Produced Water Tank 1 (7)	VOC	0.03	0.02
PWT-2	Produced Water Tank 2 (7)	VOC	0.03	0.02
LOT-1	Lube Oil Tank 1 (7)	VOC	0.01	0.01
WOT-1	Waste Oil Tank 1 (7)	VOC	0.01	0.01
AFT-1	Antifreeze Tanks (7)	VOC	0.01	0.01
GT-1	Glycol Tanks (7)	VOC	0.01	0.01
AT-1	Amine Tanks (7)	VOC	0.01	0.01
L-01	Produced Water Loading Rack (7)	VOC	0.12	0.01
L-02	Stabilized Condensate Loading Rack (7)	VOC	12.00	0.92

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Point No. (1)	Name (2)	Name (3)	lb/hr	TPY **
L-03	Pressurized Condensate Loading Rack (7)	VOC	0.06	0.01
L-04	Waste Oil Loading Rack (7)	VOC	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 Title 30 Texas Administrative Code § 101.1
 CH₂O - formaldehyde
 NO_x - total oxides of nitrogen
 CO - carbon monoxide
 PM - particulate matter, suspended in the atmosphere, including PM₁₀.
 PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
 SO₂ - sulfur dioxide
- (4) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.
- (5) The NO_x emissions from Engines E-18 and E-19 are also authorized by Permit Number PSDTX448.
- (6) Emissions are from the combustion of natural gas and the process vapors from the Glycol Dehydrator Still Vent (FIN GS-01). Standard Exemption 72 dated September 23, 1982, authorized the routing of the process vapors to the Glycol Reboiler; and Standard Permit Number 78523 dated September 16, 1982, authorized additional process vapors from the Glycol Dehydrator Still Vent. The emissions from these permits, shown on Attachment A in the permit's special conditions, are incorporated by reference only into this permit.
- (7) The emissions for these facilities were authorized under Permit by Rule and Standard Exemption shown on the Attachment B in the permit's special conditions. They are incorporated by reference only into this permit.

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

8,760 Hours/year.

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

Dated September 14, 2009