

Emission Sources - Maximum Allowable Emission Rates

Permit Number 105696

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 (4)	TPY (5)
EQT006	Gas Compressor A – Titan 130	NO _x	14.64	64.11
		NO _x (SS)	14.40	0.22
		CO	17.86	78.21
		CO (SS)	1245.60	19.23
		VOC	1.02	4.49
		VOC (SS)	14.28	0.22
		PM	0.97	4.23
		PM ₁₀	0.97	4.23
		PM _{2.5}	0.97	4.23
		SO ₂	2.00	8.75
		HAPs (formaldehyde)	0.35	1.54
EQT007	Gas Compressor B – Titan 130	NO _x	14.64	64.11
		NO _x (SS)	14.40	0.22
		CO	17.86	78.21
		CO (SS)	1245.60	19.23
		VOC	1.02	4.49
		VOC (SS)	14.28	0.22
		PM	0.97	4.23
		PM ₁₀	0.97	4.23
		PM _{2.5}	0.97	4.23

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		SO ₂	2.00	8.75
		HAPs (formaldehyde)	0.35	1.54
TK0001	Condensate Storage Tank	VOC	3.08	0.28
TRKLD	Condensate Truck Loading	VOC	0.87	0.05
FUG01	Fugitive Emissions (6)	VOC	0.02	0.08
		HAPs (hexane)	0.003	0.013
EQT001	Titan 130 Unit A Blowdown Stack	VOC	87.00	0.52
		HAPs (hexane)	14.00	0.08
EQT002	Titan 130 Unit B Blowdown Stack	VOC	87.00	0.52
		HAPs (hexane)	14.00	0.08
EQT003	Station Suction Blowdown Stack	VOC	313.00	0.94
		HAPs (hexane)	49.00	0.15
EQT004	Station Discharge Blowdown Stack	VOC	470.00	1.41
		HAPs (hexane)	73.00	0.22
EQT005	Standby Generator	NO _x	5.85	0.29
		CO	5.27	0.26
		VOC	1.15	0.06
		PM	0.10	0.01
		PM ₁₀	0.10	0.01
		PM _{2.5}	0.10	0.01
		SO ₂	0.13	0.01
		HAPs (formaldehyde)	0.51	0.03

- (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_x - total oxides of nitrogen

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SO ₂	- sulfur dioxide
PM	- total particulate matter, suspended in the atmosphere, including PM ₁₀ and PM _{2.5} , as represented
PM ₁₀	- total particulate matter equal to or less than 10 microns in diameter, including PM _{2.5} , as represented
PM _{2.5}	- particulate matter equal to or less than 2.5 microns in diameter
CO	- carbon monoxide
HAP	- hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C

- (4) Planned startup and shutdown (SS) lbs/hour emissions for all pollutants are authorized even if not specifically identified as SS. During any clock hour that includes one or more minutes of planned SS, that pollutant's maximum hourly emission rate shall apply during that clock hour.
- (5) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (6) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: November 18, 2014