

Emission Sources – Maximum Allowable Emission Rates

Permit Number 16

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	TPY ⁽⁴⁾
EQ108 ⁽⁸⁾	Gasoline Storage Tank EQ108	VOC	4.43	9.64
EQ109 ⁽⁸⁾	Gasoline Storage Tank EQ109	VOC	3.07	4.94
EQ110 ⁽⁸⁾	Gasoline Storage Tank EQ110	VOC	4.64	10.41
EQ111 ⁽⁸⁾	Gasoline Storage Tank EQ111	VOC	4.64	10.41
EQ112 ⁽⁸⁾	Gasoline Storage Tank EQ112	VOC	4.43	9.64
EQ201 ⁽⁸⁾	Gasoline Storage Tank EQ201	VOC	8.55	6.90
EQ202 ⁽⁸⁾	Gasoline Storage Tank EQ202	VOC	8.52	6.80
EQCAP	Annual Tank Emission Cap ⁽⁸⁾	VOC	--	44.58
MSSLOSS	Planned Storage Tank MSS ⁽⁶⁾	VOC	47.61	2.67
MSSTO	Planned MSS Activity Portable Thermal Oxidizer ^{(6) (7)}	CO	5.52	0.62
		NO _x	4.08	0.46
		PM	0.07	0.01
		PM ₁₀	0.07	0.01
		PM _{2.5}	0.07	0.01
		SO ₂	0.14	0.02
		VOC	13.40	0.73
FUGEQ	Process Fugitives ⁽⁵⁾	VOC	0.42	1.85

(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
- NO_x - total oxides of nitrogen
- PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
- PM₁₀ - 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
- SO₂ - sulfur dioxide
- VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

(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) Planned maintenance, startup and shutdown emissions associated with floating roof tank landing, degassing and roof refloating activities.

(7) A maximum of 224 hours per rolling 12 months of operation from this EPN.

(8) Tank numbers EQ (108 through 112, 201 and 202) are subject to its individually listed hourly and annual VOC emission rate. In addition, the total annual VOC emission rate from all of the floating roof storage tanks shall not exceed the listed EPN EQCAP emission limit.

Date: September 21, 2018