

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 82554

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)
EQT-001, EQT-002, and EQT-003	Combined emissions from Compressor Engine Catalytic Oxidizer Vents	VOC	1.95	8.54
		NOx	15.45	67.67
		CO	8.50	37.23
		PM	0.01	0.03
		PM10	0.01	0.03
		PM2.5	0.01	0.03
		SO2	1.67	7.31
EQT-004	Glycol Reboiler	VOC	0.01	0.03
		NOx	0.12	0.54
		CO	0.10	0.45
		PM	0.01	0.04
		PM10	0.01	0.04
		PM2.5	0.01	0.04
		SO2	0.001	0.003
EQT-005	Glycol Reboiler	VOC	0.01	0.03
		NOx	0.12	0.54
		CO	0.10	0.45
		PM	0.01	0.04
		PM10	0.01	0.04
		PM2.5	0.01	0.04

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		SO2	0.001	0.003
EQT-006	Emergency Generator	VOC	1.04	0.01
		NOx	3.80	0.05
		CO	5.32	0.07
		PM	0.01	0.01
		PM10	0.01	0.01
		PM2.5	0.01	0.01
		SO2	0.14	0.01
EQT-011	Blowdown Silencer	VOC	108.30	2.71
EQT-012	Thermal Oxidizer	VOC	2.56	11.21
		NOx	0.30	1.30
		CO	0.53	2.32
		PM	0.16	0.68
		PM10	0.16	0.68
		PM2.5	0.16	0.68
		SO2	0.08	0.34
FUG-001	Piping Fugitives (5)	VOC	0.04	0.20
MSS-001	Periodic Pigging	VOC	10.11	0.03
MSS-002	Decompression of plant piping	VOC	144.44	0.14
MSS-003	Periodic mtc of compressors	VOC	48.70	0.29
MSS-004	Periodic mtc of manual valves and/or relief valves	VOC	40.11	0.04
MSS-005	Periodic calibrating of the natural gas meter and regulator stations	VOC	17.33	0.21

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- (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	- total particulate matter, suspended in the atmosphere, including PM <sub>10</sub> and PM <sub>2.5</sub> , as represented
PM <sub>10</sub>	- total particulate matter equal to or less than 10 microns in diameter, including PM <sub>2.5</sub> , as represented
PM <sub>2.5</sub>	- particulate matter equal to or less than 2.5 microns in diameter
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.

Date: October 16, 2013