

Emission Sources - Maximum Allowable Emission Rates

Permit Number 5214

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)
EXH-1	Compressor Exhaust	VOC	2.82	11.12
		NOx	52.91	208.58
		SO2	0.02	0.06
		CO	22.33	88.12
STACK-1 and STACK-2	Heater Exhaust Stack 1 and Stack 2 (6)	VOC	0.05	0.23
		NOx	0.95	4.16
		SO2	0.01	0.03
		CO	0.80	3.50
		PM	0.07	0.32
TK-2	Still Overhead Storage Tank	VOC	3.39	0.45
TK-5	Crude Oil Storage Tank	VOC	1.41	23.72
TK-6	Crude Oil Storage Tank	VOC	1.41	23.72
TK-7	Crude Oil Storage Tank	VOC	1.41	23.72
TK-8	Crude Oil Storage Tank	VOC	1.41	23.72
F-COMP-1	Compressor Fugitives	VOC	0.05	0.21
F-CONT-1	Dehydration Contactor Fugitives (5)	VOC	0.02	0.10
F-HEAT-1	Heater Fugitives	VOC	0.01	0.06
F-MTR-1	Meter Fugitives (5)	VOC	<0.01	<0.01
F-REG-1	1 st Cut Regulator Fugitives (5)	VOC	0.01	0.06
F-REG-2	2 nd Cut Regulator Fugitives (5)	VOC	0.01	0.06
F-WDGAS-1	Well Line Fugitives (5)	VOC	0.01	0.06

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F-WDGAS-2	3 rd Cut Regulator Fugitives (5)	VOC	0.01	0.03
F-SDGAS-1	Compressor Suction and Fuel Gas Fugitives (5)	VOC	0.04	0.17
F-SEP-1	Separator Area Fugitives (5)	VOC	<0.01	<0.01
F-TK-1	Methanol Storage Tank Fugitives (5)	VOC	0.25	1.12
F-TK-2	Water Storage Tank Fugitives (5)	VOC	0.03	0.12
F-TK-3	Lube Oil Storage Tank Fugitives (5)	VOC	0.21	0.91
F-TK-4	Engine Water Jacket Fugitives (5)	VOC	0.21	0.91
F-TK-5, 6, 7, and 8	Crude Oil Storage Tanks Fugitives (5)	VOC	0.04	0.15

- (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) PM - particulate matter, suspended in the atmosphere, including PM10
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
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.
- (6) The combined emissions from EPNs STACK-1 and STACK-2 shall not exceed the total Heater Exhaust emission limits established in this table.

Date: September 30, 2014