

Emission Sources - Maximum Allowable Emission Rates

Permit Number 8405

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	
			lb/hr	TPY (4)
STK8	Cooper Model GMV-10 1,350 hp (5)	NO _x	32.74	143.39
		CO	4.46	19.55
		VOC	1.26	5.53
		PM	0.51	2.23
		PM ₁₀	0.51	2.23
		PM _{2.5}	0.51	2.23
		SO ₂	0.01	0.03
		H ₂ S	<0.01	<0.01
STK8-OIL	Engine 8 Oil/Filter Change	VOC	0.10	<0.01
BD-COMP8	Compressor 8 Blowdown	VOC	1.05	0.01
		H ₂ S	<0.01	<0.01
ROD-COMP8	Compressor 8 Rod Packing Change	VOC	<0.01	<0.01
SEAL-COMP8	Compressor 8 Seal Change	VOC	<0.01	<0.01
FUG1	Engine 8 Fugitive Emissions (6)	VOC	0.08	0.35
		H ₂ S	<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
- NO_x - total oxides of nitrogen
- SO₂ - sulfur dioxide
- PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented

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| 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 |
| H ₂ S | - hydrogen sulfide |

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

(5) Emissions include normal and MSS operations.

(6) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: April 1, 2014