

Sources - Maximum Allowable Emission Rates

Permit Number 142800

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)
ENG-1	Compressor Engine	NO _x	1.52	6.66
		CO	1.52	6.66
		VOC	0.82	3.61
		PM	0.24	1.03
		PM ₁₀	0.24	1.03
		PM _{2.5}	0.24	1.03
		SO ₂	<0.01	0.03
		HAPS	0.25	1.11
ENG-2	Compressor Engine	NO _x	1.52	6.66
		CO	1.52	6.66
		VOC	0.82	3.61
		PM	0.24	1.03
		PM ₁₀	0.24	1.03
		PM _{2.5}	0.24	1.03
		SO ₂	<0.01	0.03
		HAPS	0.25	1.11
ENG-3	Compressor Engine	NO _x	1.52	6.66
		CO	1.52	6.66
		VOC	0.82	3.61
		PM	0.24	1.03
		PM ₁₀	0.24	1.03
		PM _{2.5}	0.24	1.03
		SO ₂	<0.01	0.03
		HAPS	0.25	1.11

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ENG-4	Compressor Engine	NO _x	1.52	6.66
		CO	1.52	6.66
		VOC	0.82	3.61
		PM	0.24	1.03
		PM ₁₀	0.24	1.03
		PM _{2.5}	0.24	1.03
		SO ₂	<0.01	0.03
		HAPS	0.25	1.11
ENG-5	Compressor Engine	NO _x	1.52	6.66
		CO	1.52	6.66
		VOC	0.82	3.61
		PM	0.24	1.03
		PM ₁₀	0.24	1.03
		PM _{2.5}	0.24	1.03
		SO ₂	<0.01	0.03
		HAPS	0.25	1.11
ENG-6	Compressor Engine	NO _x	1.52	6.66
		CO	1.52	6.66
		VOC	0.82	3.61
		PM	0.24	1.03
		PM ₁₀	0.24	1.03
		PM _{2.5}	0.24	1.03
		SO ₂	<0.01	0.03
		HAPS	0.25	1.11
ENG-7	Compressor Engine	NO _x	1.52	6.66
		CO	1.52	6.66
		VOC	0.82	3.61
		PM	0.24	1.03
		PM ₁₀	0.24	1.03

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		PM _{2.5}	0.24	1.03
		SO ₂	<0.01	0.03
		HAPS	0.25	1.11
ENG-8	Compressor Engine	NO _x	1.52	6.66
		CO	1.52	6.66
		VOC	0.82	3.61
		PM	0.24	1.03
		PM ₁₀	0.24	1.03
		PM _{2.5}	0.24	1.03
		SO ₂	<0.01	0.03
		HAPS	0.25	1.11
ENG-9	Compressor Engine	NO _x	1.52	6.66
		CO	1.52	6.66
		VOC	0.82	3.61
		PM	0.24	1.03
		PM ₁₀	0.24	1.03
		PM _{2.5}	0.24	1.03
		SO ₂	<0.01	0.03
		HAPS	0.25	1.11
ENG-10	Compressor Engine	NO _x	1.52	6.66
		CO	1.52	6.66
		VOC	0.82	3.61
		PM	0.24	1.03
		PM ₁₀	0.24	1.03
		PM _{2.5}	0.24	1.03
		SO ₂	<0.01	0.03
		HAPS	0.25	1.11
HTR-1	Glycol Reboiler	NO _x	0.15	0.64
		CO	0.12	0.54

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		VOC	<0.01	0.04
		PM	0.01	0.05
		PM ₁₀	0.01	0.05
		PM _{2.5}	0.01	0.05
		SO ₂	<0.01	<0.01
		HAPS	<0.01	0.01
Flare-1	Flare (5)	NO _x	0.45	1.47
		CO	0.90	2.93
		VOC	0.12	0.51
		SO ₂	<0.01	<0.01
		HAPS	<0.01	0.01
TK-PW 1	Produced Water Tank 1	VOC	0.96	2.69
		HAPS	0.03	0.04
DEHY-1	TEG Dehydrator	VOC	0.48	2.11
		HAPS	0.02	0.08
L-1	Oil Loadout	VOC	53.17	4.02
		HAPS	0.68	0.05
TK-Oil	Oil Tanks	VOC	1.92	5.37
		HAPS	0.05	0.08
FUG-1	Fugitives (6)	VOC	0.60	2.61
		HAPS	0.02	0.08
MSS	MSS Emissions (6)	VOC	329.79	5.04
		HAPS	5.70	0.15
		PM	<0.01	0.02
		PM ₁₀	<0.01	0.02
		PM _{2.5}	<0.01	0.02

(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) NO_x - total oxides of nitrogen

CO - carbon monoxide

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

Emission Sources - Maximum Allowable Emission Rates

PM	- total particulate matter, suspended in the atmosphere, including PM ₁₀ and PM _{2.5}
PM ₁₀	- total particulate matter equal to or less than 10 microns in diameter, including PM _{2.5}
PM _{2.5}	- particulate matter equal to or less than 2.5 microns in diameter
SO ₂	- sulfur dioxide
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) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Flare emissions include emissions from the pilot stream, oil tanks, TEG dehydrator, and/or compressor blowdown.
- (6) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: January 16, 2019