

Emission Sources - Maximum Allowable Emission Rates

Permit Number 16963

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)
LAB	Lab	VOC	0.02	0.01
POAPIPND	API Pond	NH ₃	0.06	0.27
		VOC	0.11	0.48
POLP2FL/PO002FL	Low-Pressure Flares	NH ₃	0.01	0.04
		CO	4.45	19.09
		H ₂ S	<0.01	<0.01
		NO _x	0.52	2.24
		SO ₂	0.09	0.39
		VOC	1.49	3.83
PO001FL	High-Pressure Polyolefin Flare	NH ₃	0.01	0.03
		CO	5.55	17.90
		H ₂ S	<0.01	<0.01
		NO _x	2.78	8.98
		SO ₂	0.02	0.10
		VOC	17.23	37.91
PP2001FE	Process Fugitives (5)	NH ₃	0.01	<0.01
		VOC	9.57	38.98
PP2001LR	Loading/Unloading – Truck, Rail and Drum	VOC	6.14	3.38

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PP2003FE	Additive Transfer	PM	0.36	0.43
		PM ₁₀	0.01	0.01
		PM _{2.5}	0.01	0.01
PP2F4902VN	Additive Transfer	PM	0.03	0.01
		PM ₁₀	0.01	0.01
		PM _{2.5}	0.01	0.01
PP4026CT	Cooling Tower	VOC	0.76	1.58
		PM	1.35	5.92
		PM ₁₀	1.35	5.92
		PM _{2.5}	1.35	5.92
MSS-AAA	Attachment A Activities	VOC	2.13	0.26
MSS ABA	Attachment B Activities	VOC	6.73	0.05
MSS-EO	Equipment/Vessel Opening	VOC	5.79	0.29
MSS-TO	Tank Opening	VOC	5.59	<0.01
MSS-VL	Vacuum Truck Loading	VOC	0.16	<0.01
MSS-WW	Water Washing	VOC	3.42	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
- 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
- CO - carbon monoxide
- H₂S - hydrogen sulfide
- NH₃ - ammonia
- (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.

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