

Emission Sources - Maximum Allowable Emission Rates

Permit Number 18241

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)
12	Incinerator Stack RM-1 thru RM-5, RM-7, RM-8, RM-13 thru RM-16, BT-1 thru BT-6, BT-8, PEB-1 thru PEB-6, FG-1 thru FG-8, FG-10 thru FG-27, FG-29, SR-33, ST-1 and ST-2, K-1 thru K-3, MT-1 thru MT-6 10, 10A, 10B, 33A, 12A, 13C, 13CC, 13CCC	VOC	1.98	0.68
		NO _x	0.60	1.17
		CO	0.50	0.98
		PM	0.05	0.09
		PM ₁₀	0.05	0.09
		PM _{2.5}	0.05	0.09
		SO ₂	0.01	0.01
13A and 13AA	Filter Press	VOC	4.00	0.01
13B	Drum Filling Room	VOC	36.97	10.07
13BB	Drum Filling Room	VOC	36.97	10.07
21	Curing Agent Bagging (5)	PM	0.02	0.02
		PM ₁₀	0.02	0.02
		PM _{2.5}	0.02	0.02
22	Curing Agent Scrubber (5)	VOC	0.01	0.01
		PM	0.01	0.01
		PM ₁₀	0.01	0.01
		PM _{2.5}	0.01	0.01
23	Curing Agent Tank, 23, HT-1, PM-1 (6)	VOC	0.01	0.01
24	Mix Tank, 24, CAMT-1, CAMT-2 (5)	VOC	0.01	0.01
		PM	0.01	0.01
		PM ₁₀	0.01	0.01
		PM _{2.5}	0.01	0.01
31	Hot Oil Heater	VOC	0.11	0.13

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		NO _x	1.91	2.33
		CO	1.60	1.96
		PM	0.15	0.18
		PM ₁₀	0.15	0.18
		PM _{2.5}	0.15	0.18
		SO ₂	0.01	0.01
33	Carbon Adsorber System Vent (Backup for Incinerator)	VOC	8.51	0.67
RM-9	Oil Storage Vent	VOC	0.01	0.01
RM-10	Oil Storage Vent	VOC	0.01	0.01
RM-11	Oil Storage Vent	VOC	0.01	0.01
RM-12	Oil Storage Vent	VOC	0.01	0.01
RM-17	Oil Storage Vent	VOC	0.01	0.01
RM-18	IPDI/Des W Storage Tank Vent	VOC	0.01	0.01
RM-19	TDI Storage Tank Vent	VOC	0.01	0.01
RM-21	Maleic Anhydride Tank Vent	VOC	0.01	0.01
RM-22	Phthalic Anhydride Tank Vent	VOC	0.05	0.01
RM-23	E-Cap Storage Vent	VOC	0.01	0.01
RM-24	NPG-90 Storage Tank Vent	VOC	0.01	0.01
FUG	Plant Fugitive Emissions (7)	VOC	0.61	2.47

- (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
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Limited to 3,706 hrs/yr of operation.
- (6) Limited to 740 hrs/yr of operation.

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

Date: December 29, 2016