

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 87991

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. 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)	<u>Emission Rates</u>	
			lb/hr	TPY (4)
TO-01	Thermal Oxidizer	NO _x (5)	9.36	23.23
		CO (5)	7.41	18.40
		PM (5)	5.52	22.91
		VOC (5)	0.49	1.21
		SO ₂ (5)	0.05	0.13
		VOC	0.26	0.72
		Formaldehyde	0.12	0.33
		Phenol	0.05	0.16
		Toluene	< 0.01	< 0.01
		2-Methylenephenol	< 0.01	< 0.01
		Methylene Chloride	< 0.01	< 0.01
		HCl	0.04	0.16
		Metals	0.02	0.04
HT-01	Hexamethylene Tank	VOC	0.01	< 0.01
		Formaldehyde	< 0.01	< 0.01
RT-01	Liquid Resin Storage Tank	VOC	0.01	< 0.01
		Formaldehyde	< 0.01	< 0.01
		Phenol	< 0.01	< 0.01
RT-02	Liquid Resin Storage Tank	VOC	0.01	< 0.01
		Formaldehyde	< 0.01	< 0.01
		Phenol	< 0.01	< 0.01
RT-03	Confidential Resin Storage	VOC	0.01	< 0.01
DC-01	Dust Collector	PM	1.15	5.05

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CT-01	Cooling Tower	PM ₁₀	0.01	0.02
SANDFUG	Sand Transfer Fugitives	PM	2.77	9.09
BHP-01	Backup Heater Package	NO _x	0.78	3.44
		CO	0.66	2.89
		PM	0.06	0.26
		VOC	0.04	0.19
		SO ₂	< 0.01	0.02
BLDGFUG	Multiple Building Vents (including material transfer points)	VOC	1.24	5.90
		Formaldehyde	< 0.01	0.02
		Phenol	< 0.01	< 0.01
MSS	MSS Activities	NO _x	9.61	0.23
		CO	16.14	0.39
		PM	9.15	0.05
		VOC	4.36	1.32
		SO ₂	0.06	< 0.01
		Metals	0.03	< 0.01

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an 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 - particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
PM₁₀ - particulate matter equal to or less than 10 microns in diameter
PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
CO - carbon monoxide
HCl - hydrogen chloride
- (4) Rate is for rolling 12-consecutive months.
- (5) Products of Combustion.

Dated: March 3, 2010