

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 34310

This table lists the maximum allowable emission rates for sources of air contaminants 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)
RTO-1	Batch, Continuous Mixers, and Sludge Ejector vented through a Thermal Oxidizer	Phenol	4.75	8.42
		Formaldehyde	3.01	5.62
		Methanol	0.82	0.98
		Furfuryl alcohol	2.13	3.09
		NO _x 0.22	0.32	
		Ammonia	0.11	0.17
		VOC (5)	<0.02	<0.06
		PM (5)	0.02	0.08
		NO _x (5)	0.24	1.06
		CO (5)	0.20	0.88
		SO ₂ (5)	<0.01	<0.01
HEXATANK	Hexa Storage Tank	VOC	<0.01	<0.01
DC-1	Process Baghouse No.1 and Batch Heater	PM	0.21	0.70
		VOC (5)	0.03	0.11
		PM (5)	0.04	0.15
		NO _x (5)	0.45	2.00
		CO (5)	0.38	1.66
		SO ₂ (5)	<0.01	0.02
DC-2	Raw Material Handling and Rail/ Truck Scale Baghouse No. 2	PM	0.07	0.30
DC-3	Finished Product Handling Truck Load Out Baghouse No. 3	PM	<0.01	<0.01

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- (1) Emission point identification number from plot plan.
- (2) Specific point source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1(111) [30 TAC § 101.1(111)]
PM - particulate matter as defined in 30 TAC § 101.1(72) including PM₁₀.
PM₁₀ - particulate matter equal to or less than 10 microns in diameter.
Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
NO_x - total oxides of nitrogen
CO - carbon monoxide
SO₂ - sulfur dioxide
- (4) Rate is for rolling 12-consecutive months.
- (5) Products of Combustion (Emissions from the incomplete combustion of natural gas).

Dated_____