

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 4448

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property 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)
01	North Silo/BH-1 (Silo-1)	PM	0.06	0.28
02	South Silo/BH-2 (Silo-2)	PM	0.06	0.28
03	Hopper-3/BH-3	PM	0.01	0.04
04A	Small MAC Baghouse	PM	1.11	4.88
		VOC	0.41	1.78
		ES	21.87	95.80
05A	Large MAC Baghouse	PM	2.23	9.76
		ES	10.94	47.90
06	Hopper-6/BH-6	PM	0.01	0.04
07	Hopper-7/BH-7	PM	0.01	0.04
08	Building 3 West End Stack (CORE PROD, FOAMCORE)	VOC	2.29	10.41
		ES	0.07	0.29
16	1.5 MMBtu/Hr Natural Gas-Fired Mold Cleaning Oven	PM	0.01	0.01
		VOC	0.15	0.04
		NO _x	0.15	0.04
		SO ₂	<0.01	
		CO	0.13	0.03
20	Drum Storage North	VOC	0.01	0.02
		ES	0.55	2.40

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1) (4)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY
21	Drum Storage South	VOC ES	0.01 0.55	0.02 2.40
40	Building 3 North End Stack	VOC ES	1.69 2.83	7.41 12.41
TANK 01-10	Liquid Storage	VOC	4.35	0.20
FUG-01 (5)	Building 1 Fugitives Manufacturing Area (SUPER X, RIM, RERUN)	PM VOC ES	0.01 0.44 1.82	0.03 1.92 7.98
F2UG-02 (5)	Building 2 Fugitives Manufacturing Area (STARS-1, 2, 3 and U-2)	PM	0.01	0.02
FUG-03 (5)	Building 3 Fugitives Manufacturing Area (COREPROD, FOAMCORE, POLYPOUR, POLY-X1, and POLY-X2)	PM	0.02	0.09
All Sources Covered by this Permit		Any Individual HAP Total HAP	<10.0 <25.0	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (1) Emission point identification.-Emission point numbers from plot plan.
- (2) Specific point source name (Facility Identification Numbers).
- (3) PM - particulate matter, suspended in the atmosphere, 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.
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1.
NO_x - total oxides of nitrogen
CO - carbon monoxide
SO₂ - sulfur dioxide
ES - those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
HAP - any air contaminant (pollutant) listed in § 112(b) of the Federal Clean Air Act or 40 CFR Part 63, Subpart C.
- (4) Rates are for a rolling 12-month period.
- (5) These fugitive emissions are emitted from building fans, vents, doors, loading docks, and windows.

Dated November 19, 2004