

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 18505 and PSD-TX-878

This table lists the maximum allowable emission rates and all 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)
BLR 1 through 6	Six Boilers	NO _x	23.9	73.31
		CO	14.1	61.59
		SO ₂	39.06	51.63
		VOC	1.6	4.31
		PM	2.4	6.63
		n-Pentane	5.2	14.49
EPS 9, 10, 11, 12, 13, 14, 17, 18, 21, 22, 25, 26, 27, 28, and 29	Expanded Polystyrene Container (EPS) Manufacturing Building Stacks	n-Pentane (daytime)	156.6*	436.0
		n-Pentane (nighttime)	119.9	
		Isopropyl Alcohol	4.4	19.0
		VOC	0.22	0.5
DIF 29 through 41	DI Foam Manufacturing Building Stacks	Styrene	0.4	1.6
		iso-Pentane	17.6	76.9
WH 1 through 28	Warehouse Storage Building Stacks	n-Pentane	116.0	381.5
WH 1 through 28	DI Foam Manufacturing Warehouse	iso-Pentane	2.8	12.3
RTO 1	Regenerative Thermal Oxidizer	VOC	1.9	8.1
		PM	0.01	0.01
		NO _x	2.4	3.2
		CO	0.3	1.3
		SO ₂	0.1	0.2
TANKS 8 and 9	Two Fuel Oil Storage Tanks	VOC	0.02	0.2

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- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names.
- (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
CO - carbon monoxide
- (4) Rate is for a rolling 12-consecutive months.

*Daytime is restricted to the hours of 8:00 a.m. to 4:00 p.m.

Dated August 28, 2007