

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 18505 and PSD-TX-878

This table lists the maximum allowable emission caps 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)
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 and EW 1 through 16	Warehouse Storage Building 2 and 3	n-Pentane	116.0	381.5
		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
CO - carbon monoxide
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
- (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 June 2, 2009