

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 18505 and PSD-TX-878

This table lists the maximum allowable emission rates for all sources of air contaminants covered by this permit.

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY(4)
BLR-1 through 4	Four Boilers	NO <sub>x</sub>	14.1	65.6
		CO	3.5	16.4
		SO <sub>2</sub>	2.1	14.5
		VOC	3.5	15.1
		PM	1.4	6.1
EPS 1 through 25	Expanded Polystyrene Container (EPS) Manufacturing Building Stacks	Pentane	115.0	436.0
		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
		Pentane	17.6	76.9
WH 25 through 28	Warehouse Storage Building Stacks	Pentane	116.0	381.5
WH 1 through 12	DI Foam Manufacturing Warehouse	Pentane	2.8	12.3
RTO 1	Regenerative Thermal Oxidizer	VOC	1.9	8.1
		PM	0.01	
		NO <sub>x</sub>	2.4	3.2
		CO	0.3	1.3
		SO <sub>2</sub>	0.1	0.2
TANKS 8 and 9	Two Fuel Oil Storage Tanks	VOC	0.02	0.2

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

(2) Specific point source name.

(3) NO<sub>x</sub> - total oxides of nitrogen

CO - carbon monoxide

SO<sub>2</sub> - sulfur dioxide

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>.

PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter. Where PM is listed, it shall be assumed that no PM greater than 10 microns is emitted.

(4) Rate is for a rolling 12 consecutive months.

Dated February 17, 2004