

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 37621

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

## AIR CONTAMINANTS DATA

Emission Point No.	Source Name	Air Contaminant Name (1)	<u>Emission Rates</u>	
			lb/hr	TPY
<u>(2)</u>				
12	Turbine Engine Overhaul Building	VOC	75.22	22.45
		Exempt Solvents	43.63	59.49
		KMnO <sub>4</sub>	0.14	0.61
		NaOH	0.10	0.44
		Acids	0.02	0.09
13	Heat Treat/Metal Spray/ Blast Building	VOC	22.15	3.59
		PM	1.21	1.55
		Exempt Solvents	10.20	1.66
15	Engine Test Cells and Fuel Storage Tank	VOC	12.38	4.16
		PM	8.08	1.88
		CO	32.64	14.62
		NO <sub>x</sub>	1466.68	173.22
		SO <sub>2</sub>	187.08	28.98
12, 13, and 15	All Sources	Each HAP		<10.00 (3)
		All HAP		<25.00 (3)

- (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 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 (30 TAC § 101.1)  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
CO - carbon monoxide  
KmnO<sub>4</sub> - potassium permanganate  
NaOH - sodium hydroxide  
Acids - nitric acid and sulfuric acid  
HAP - hazardous air pollutants as identified in 40 CFR 63, Subpart C  
Exempt Solvents - carbon compounds as defined in 30 TAC § 101.1

(2) Rate is for a rolling 12-consecutive months

(3) Includes emissions of all HAP within the single property designation

Dated: December 22, 2006