

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 28335

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)	<u>Emission Rates</u>	
			lb/hr	TPY
VENT-A, B, C, and D	Paint Shop	VOC	78.77	47.91
		PM	1.12	1.04
		SO <sub>2</sub> 0.01	0.01	
		CO 0.35	0.51	
		NO <sub>x</sub> 0.42	0.61	
VENT-E	Sand Blast Booth (4)	PM	0.33	0.50
VENT-G	Stress-Relieving Furnace (4)	VOC	0.14	0.20
		PM	0.20	0.29
		SO <sub>2</sub> 0.02	0.03	
		CO 2.20	3.21	
		NO <sub>x</sub> 2.62	3.83	
VENT-H and I	Grit Blast (4)	PM	0.03	0.03
WELD-FUG	Welding (4)	PM	0.03	0.03
GRIND-FUG	Grinding (4)	PM	0.01	0.07
DEG	Degreasing (4)	VOC	0.01	0.04
DPT	Dye Penetration Testing	non-VOC	0.85	0.41
STEN	Stenciling	VOC	0.50	0.20
INS	Railcar Insulation	non-VOC	11.00	0.61
INTS	Internal Shell Painting	PM	3.84	0.20
ASP	Anti-Skid Painting	VOC	6.22	1.51
FUG-1	Paint Drying	VOC	8.75	5.33

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
SF	Safety Flare	VOC	20.00	1.50
		PM	0.16	0.10
		SO <sub>2</sub>	0.01	0.01
		CO	1.60	1.46
		NO <sub>x</sub>	33.10	4.50
		NH <sub>3</sub>	2.35	0.03
		non-VOC	50.00	2.50
SCRUB	Ammonia Scrubber	NH <sub>3</sub>	<0.01	0.03
	Sitewide	Single HAP		<10.00
		Combined HAP		<25.00

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

(2) Specific point source name. For fugitive sources use area name or fugitive source name.

(3) 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 not listed, it shall be assumed that no PM greater than 10 microns is emitted.

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

CO - carbon monoxide

NO<sub>x</sub> - total oxides of oxygen

NH<sub>3</sub> - anhydrous ammonia

non-VOC - methylene chloride and 1,1,1 trichloroethane and other compounds not categorized as VOCs

HAP - hazardous air pollutant as identified in Title 40 Code of Federal Regulations Part 63, Subpart C

(4) These sources are authorized under permits by rule.

Dated March 6, 2006