

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 20600

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 (4)
GH-1	Gas House No. 1 (Propellant Charging)	VOC	13.71	0.79
		CO <sub>2</sub>	24.45	0.10
GH-2	Gas House No. 2 (Propellant Charging)	VOC	6.86	5.94
		CO <sub>2</sub>	12.22	0.76
		HCFC 10.11	3.51	
GH-3	Gas House No. 3 (Propellant Charging)	VOC	26.94	33.35
		CO <sub>2</sub>	48.02	4.29
FR-1/2	Paint and Chemical Filling (Line No. 1 and No. 2)	VOC	5.56	5.16
		Acetone	12.68	8.94
FR-3	Paint and Chemical Filling (Line No. 3) and Chemical Products Mixing	VOC	15.24	4.63
		Acetone	35.43	2.58
TO-1	Paint Mixing and Perforation Facilities vented through a Cyclone, a Baghouse, and a Thermal Oxidizer	VOC	3.40	3.94
		Acetone	4.36	0.93
		PM	4.04	0.35
		POC	0.96	4.18
OT-1, 3, 5, 7,	Storage Tanks	VOC	1.44	0.41

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY (4)
9-12, and 14-16		Acetone	0.16	0.69
FUG-1	Solvent Tank Farm Fugitives	VOC	0.63	2.11
		Acetone	0.18	0.80
P-1	Aerosol Propellant Storage Tank No. 1	VOC	0.89	2.56
P-2/3	Aerosol Propellant Storage Tank No. 2	VOC	1.63	2.98
		CO <sub>2</sub>	6.54	1.10
		HCFC	0.87	2.47
FUG-2	Resin Tank Building Fugitives	VOC	2.27	0.75
FUG-4	Recycle Tank Farm Fugitives	VOC	0.11	0.16
		Acetone	0.17	0.25
CO-1	Propellant Changeout routed through Flare	VOC	3.73	0.28
		CO <sub>2</sub>	332.32	6.90
		HCFC 137.38	5.70	

(1) Emission point identification number from plot plan.

(2) Specific point source names.

(3) 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 in emitted.

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

POC - products of combustion: VOC, nitrogen oxide, sulfur dioxide, and carbon monoxide

CO<sub>2</sub> - carbon dioxide

HCFC - Freon 152a

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

Permit Number 20600  
Page 3

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			<u>lb/hr</u>	<u>TPY (4)</u>

Dated July 30, 2003