

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 84073

This table lists the maximum allowable emission rates 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)	Emission Rates	
			lb/hr	TPY*
FUG-PM	PM Fugitives resulting from Blending Booth Nos. 1-16, CNC10, and Welding Booth Nos. 1-34	PM/PM ₁₀	0.02	0.05
PLASMA1	Plasma Robot No. 1	PM/PM ₁₀ VOC	<0.01 <0.01	See Cap
PLASMA2	Plasma Robot No. 2	PM/PM ₁₀ VOC	<0.01 <0.01	See Cap
PLASMA3	Plasma Robot No. 3	PM/PM ₁₀ VOC	<0.01 <0.01	See Cap
PLASMA4	Plasma Robot No. 4	PM/PM ₁₀ VOC	<0.01 <0.01	See Cap
PLASMA5	Plasma Robot No. 5	PM/PM ₁₀ VOC	<0.01 <0.01	See Cap
PLASMA6	Plasma Robot No. 6	PM/PM ₁₀ VOC	<0.01 <0.01	See Cap
PLASMA1, PLASMA2, PLASMA3, PLASMA4, PLASMA5, and	Plasma Robots Nos. 1, 2, 3, 4, 5, and 6 Annual Emissions Cap	PM/PM ₁₀ VOC		<0.01 <0.01

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

PLASMA6

VF1, VF2, VF3	Vacuum Furnace Nos. 1, 2, and 3 Emissions Cap	PM/PM ₁₀	0.14	0.52
		VOC	4.28	0.64
		Exempt Solvents	0.75	0.11
FUG-VOC	Site-wide Material Usage	VOC	2.77	1.24
		Exempt Solvents	0.46	0.21
FUG-ARGON	Site-wide Argon Usage from Welding Booth No(s). 1-34, VF1, VF2, VF3, and Plasma Robot Nos. 1-6	Argon	608.86	1362.01
FUG-HYDROGEN	Site-wide Hydrogen Usage from VF1, VF2, VF3, and Plasma Robot Nos. 1-6	Hydrogen	42.25	151.06
WCT1	Water Cooling Tower No. 1	PM/PM ₁₀	0.03	0.15
WCT2	Water Cooling Tower No. 2	PM/PM ₁₀	0.21	0.92
All Emission Points	All Sources	Individual HAP		<10.0
		Combined HAPs		<25.0

(1) Emission point identification.

(2) Specific point source names.

(3) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.

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

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

HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or as amended in Title 40 Code of Federal Regulations Part 63, Subpart C

Permit Number: 84073
Page 3

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- * Compliance with annual emission limits is based on a rolling 12-month period.

Dated June 18, 2008