

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 1066

This table lists the maximum allowable emission rates for all sources of air contaminants on the permittee's property covered by this permit.

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name	Air Contaminant Name (2)	<u>Emission Rates</u>	
			lb/hr	TPY (3)
HA100, HA300, HA400, HA500, IA100, IA200, IA300, IA400, IA500, IA600, IB100, and HB200	Cleaning and Etching vented through 12 Scrubbers	H ₂ SO ₄	0.40	1.31
		HNO ₃	0.30	0.70
		NO _x	6.00	22.00
		CF _x	1.80	3.00
		VOC	1.30	1.13
		NH ₃	3.50	5.70
		HCl	0.20	0.50
		NaOH	0.31	1.40
	HAP	1.30 (4)	1.52 (4)	
HG100, HG200, IG100, and GG1100	Four General Exhausts	VOC	20.00	12.00
		HAP	9.48 (4)	0.83 (4)
GV100 and IV100	Wiring Board Preparation Vented through 2 Baghouses	PM	0.50	1.14
TFA100	Three Storage Tanks Vented through a Scrubber	H ₂ SO ₄	<0.01	<0.01
		HNO ₃	<0.01	<0.01
		HCl (HAP)	<0.01	<0.01
IT100	Tetra Etch	VOC	3.30	10.21
		HAP	0.99 (4)	3.10 (4)

(1) Emission point identification number from a plot plan.

(2) H₂SO₄ - sulfuric acid

HNO₃ - nitric acid

CF_x - fluorocarbon

NH₃ - ammonia

HCl - hydrochloric acid

NaOH - sodium hydroxide

PM - particulate matter (fiberglass)

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1(108)

NO_x - total oxides of nitrogen

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

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(3) Rate is for a rolling 12 consecutive months

(4) Also included in rates for other air contaminant(s) listed for this emission point

Dated _____