

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 40300

This table lists the maximum allowable emission rates and all sources of air contaminants covered by this permit.

AIR CONTAMINANTS DATA

Emission Point No.	Source Name	Air Contaminant Name (1)	<u>Emission Rates (2)</u>	
			lb/hr	TPY
E01A01	Acid and Caustic Etch, Strip, Wash, and Storage Tanks	HCl	0.14	0.63
		Phosphoric Acid	0.04	0.15
		Acetic Acid	0.06	0.28
		Potassium Hydroxide	0.02	0.10
		Nitric Acid	<0.01	0.04
		Ferric Chloride	<0.01	<0.01
E01A01	Grit Blasting 1	PM ₁₀	0.01	0.05
E01A01	Grit Blasting 2	PM ₁₀	0.01	0.05
E01A01	Grit Blasting 3	PM ₁₀	0.01	0.05
E01A01	Grit Blasting 4	PM ₁₀	0.01	0.05
E01A01	2 Benchtron Disassembly Booths (emissions from both booths)	0.01	PM ₁₀	0.01
E01A01	2 Airflow DTH Grinding Booths (emissions from both booths)	PM ₁₀	0.03	0.15
E01A01	Masking and Mask Removal (3)	Acetone	7.51	5.14
		VOC	2.72	1.70
E01A01	Degreaser (3)	VOC	<0.01	0.02
E01A01	Fluorescent Inspection Area (3)	VOC	0.02	0.08
		PM ₁₀	<0.01	<0.01
E01A01	Caustic Tank	Sodium Hydroxide	<0.01	<0.01
		Potassium Hydroxide	<0.01	<0.01

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Emission Point No.	Source Name	Air Contaminant Name (1)	<u>Emission Rates (2)</u>	
			lb/hr	TPY
E01A01	Hazardous Air Pollutants (HAP)(4)	Any given HAP Sitewide	<10.00	
		All HAPs combined Sitewide		<25.00

- (1) HCl - hydrogen chloride.
 PM - particulate matter, suspended in the atmosphere, including PM₁₀.
 PM₁₀ - 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.
 VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1.
- (2) For any 12-consecutive months.
- (3) Fugitive emissions.
- (4) HAP - any air contaminant (pollutant) listed in § 112(b) of the Federal Clean Air Act [42 U.S.C. 7412(b)(1)] as modified by Title 40 Code of Federal Regulations Chapter 63, Subpart C.

Date February 26, 2007