

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 8559

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.	Source Name	Air Contaminant Name (1)	Emission Rates *	
			lb/hr	TPY
Interim Period (2)				
A1 though A8	8 Wet Scrubbers (for Fab Lines I, II, and IIA)	Acids/Bases	3.39	14.9
		Fluoride Compounds	0.89	3.84
		Specialty Gases	0.15	0.73
		Halocarbons	6.19	27.11
		Elemental Gases	0.46	2.03
		VOC	12.0	53.00
TO1	Thermal Oxidizer (for Fab IIA)	VOC	1.81	7.91
		POC	0.99	1.29
B1 though B6	6 Steam Boilers (4 active units, 2 reserve)	POC	5.97	19.65
T-008	Waste Solvent Tank	VOC	0.01	0.01
Post Construction Period (3)				
A1 though A8	8 Wet Scrubbers (for Fab Lines I, II, and IIA)	Acids/Bases	1.81	7.91
		Fluoride Compounds	0.58	2.53
		Specialty Gases	0.13	0.54
		Halocarbons	6.19	27.11
		Elemental Gases	0.23	1.02
TO1	Thermal Oxidizer (for Fab Lines I, II, and IIA)	VOC	5.38	23.55
		POC	0.99	1.29
B1 though B6	6 Steam Boilers (4 active units, 2 reserve)	POC	5.97	19.65
T-008	Waste Solvent Tank	VOC	0.01	0.01

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (1) VOC - volatile organic compounds as defined in General Rule 101.1
POC - products of incomplete combustion of natural gas
- (2) Interim Period - begins on the date of this permit and ends after all VOC emissions from all semiconductor fabrication lines have been routed to and are controlled by a thermal oxidizer, but no later than May 30, 1997.
- (3) The Post Construction Period - begins after the Interim Period and shall begin no later than May 31, 1997.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Dated _____