

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 8559

This table lists the maximum allowable emission rates for the sources of air contaminants covered by this permit. Annual rates (TPY) are for any 12-consecutive month period.

## AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates	
Point No.	Name	Name (1)	lb/hr	TPY
A1 through A12	12 ??? Wet Scrubbers (for Fab Lines I, II, and III) 6.11	Acids/Bases Fluoride Compounds Specialty Gases Halocarbons Elemental Gases VOC Non-VOC Organics	1.81 1.4 0.13 6.19 0.23 0.3 0.3	7.91 1.4 0.58 27.11 1.02 1.0 1.0
T01	Thermal Oxidizer (for Fab Lines I, II, and III) 8.31	VOC Non-VOC Organics PM NO <sub>x</sub> SO <sub>2</sub> CO TOC	3.65 1.9 0.03 0.35 <0.01 0.09 0.01	16.0 1.9 0.12 1.23 0.01 0.31 0.05
B1 through B8	8 Steam Boilers (6 Active Units, 2 Reserve) 29.71	PM NO <sub>x</sub> SO <sub>2</sub> CO TOC	1.21 8.48 0.05 3.1 0.51	4.25 8.48 0.19 10.85 1.8
T-008	Waste Solvent Tank	VOC Non-VOC Organics	0.16 0.05	0.07 0.03

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- (1) fluoride compounds -  
inorganic compounds that contain a fluorine.  
halocarbons -  
compounds containing carbon, and one or more halogens,  
and sometimes hydrogen.  
VOC - volatile organic compounds as defined in General Rule  
101.1  
non-VOC organics - organic compounds excluded  
from the definition of VOC in General Rule 101.1, such as  
acetone. For the purposes of this permit, non-VOC organics  
do not include halocarbons.  
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 is emitted.  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
CO - carbon monoxide  
TOC - total organic compound emissions from the incomplete  
combustion of natural gas  
Not withstanding compound changes authorized in Special  
Condition No. 7, specific air contaminants for each category  
are as listed in Table 1 of the confidential portion of the

(2) permit amendment application dated January 11, 1996.  
See Special Condition No. 3.

\* Facilities may operate:

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

Dated\_\_\_\_\_