

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 17473

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)	<u>Emission Rates</u>	
			lb/hr	TPY (4)
1A	Maskant Manufacturing	Perc	13.72	1.21
2-FAB/G4	Fabrifilm Paint Booth	VOC	8.00	3.00
		PM	0.01	<0.01
2-FAB/G4	G-4 Paint Booth	VOC	8.00	3.00
		PM	0.01	<0.01
2-FAB/G4	Seal Paint Booth	VOC	7.00	2.50
		PM	0.01	<0.01
3-ANODESTK	Anodizing Stack	PM	0.10	0.10
4-BAKEOFF	Seal Paint Curing	VOC	0.20	0.20
8F-OLDCLEAN	Old Line Cleaning Fugitive	Cr	<0.01	<0.01
8F-OLDLINE	Old Line Fugitive	Cr	<0.01	<0.01
9F-G4LINE	G4Line Cleaning Fugitive	Cr	<0.01	<0.01
9F-G4LINE	G4 Line Fugitive	Cr	<0.01	<0.01
10F-Acetone	Acetone Usage Fugitive	Acetone	13.20	21.78
11F-MASK	Maskant Manufacturing Piping Fugitive	Perc	0.15	0.17

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY (4)
12F-MASK	Maskant Manufacturing Fugitive	Perc	3.74	2.53
		PM	0.25	0.43
		PM <sub>10</sub>	0.14	0.25
		PM <sub>2.5</sub>	<0.01	<0.01
13-ANODSTK	Anodizing Tank Stack 66FTLINE	PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.0049	0.0215
		Cr	0.0024	0.0106
BLDG FUG	Anodize Building Fugitives (5) (66FTLINE, 66FTSEAL, 66FTALKCLN, 66FTALKETC, 66FTDEOX)	PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.0168	0.0766
		Cr	0.00069	0.00303
		Sodium Silicate	0.0003	0.002
		KOH	0.0003	0.001
		NaOH	0.0012	0.01
		H <sub>2</sub> SO <sub>4</sub>	0.0053	0.02
SITEWIDE		HNO <sub>3</sub>	0.0089	0.04
		Individual HAP		<10.00
		Combined HAP		<25.00

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names.
- (3) Perc - perchloroethylene  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>  
PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter  
PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter  
Cr - chromium  
KOH - potassium hydroxide  
NaOH - sodium hydroxide  
H<sub>2</sub>SO<sub>4</sub> - sulfuric acid  
HNO<sub>3</sub> - nitric acid  
HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (4) Rate is for a rolling consecutive 12-month period.
- (5) The Alkaline Clean Tank, Alkaline Etch Tank, and Deoxidize Tank are authorized by permit by rule and the speciated compounds are included in the PM values.

Dated: July 5, 2011