

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 21146

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> | |
|----------------------------|--------------------|-----------------------------|-----------------------|------|
| | | | #/hr | TPY |
| Stack 001 | Core Bake Oven | Pb | 0.005 | 0.02 |
| | | Sn | 0.002 | 0.01 |
| | | Cu | 0.05 | 0.19 |
| | | CO | 0.04 | 0.15 |
| | | NO _x | 0.20 | 0.75 |
| | | SO ₂ | 0.01 | 0.04 |
| | | VOC | 0.03 | 0.10 |
| | | PM | 0.41 | 1.54 |
| | | HBr | 0.02 | 0.08 |
| Stack 002, 003, and 005 | Solder Dip Pots | Pb | 0.01 | 0.04 |
| | | Sn | 0.01 | 0.04 |
| | | Zinc Chlr | 0.15 | 0.56 |
| | | Cu | 0.02 | 0.75 |
| | | CO | 0.04 | 0.15 |
| | | NO _x | 0.20 | 0.75 |
| | | SO ₂ | 0.01 | 0.04 |
| | | VOC | 0.03 | 0.44 |
| | | PM | 0.87 | 3.26 |
| Stack 004 | Dry-off Oven POC | HBr | 0.42 | 1.50 |
| | | CO | 0.03 | 0.11 |
| | | NO _x | 0.12 | 0.45 |
| | | SO ₂ | 0.01 | 0.04 |
| | | VOC | 0.01 | 0.04 |
| Stack 006 | Spray Booth | PM | 0.01 | 0.04 |
| | | VOC | 0.09 | 0.34 |

PM

0.01

0.04

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (1) Emission point identification
- (2) Specific point source name.
- (3) VOC - Volatile organic compounds as defined in General Rule 101.1
 - Pb - Lead
 - Sn - Tin
 - Cu - Copper
 - NO_x - Total oxides of nitrogen
 - SO₂ - Sulfur dioxide
 - PM - Particulate matter including total suspended particulate
 - CO - Carbon monoxide
 - HBr - Hydrogen bromide

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

Hrs/day 24 Days/week 6 Weeks/year 52 or Hrs/year 7,488

Dated _____