

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 1090

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 | | Air Contaminant | | <u>Emission Rates *</u> | |
|---------------------------|----------------------------------|----------|-----------------|------------------|-------------------------|-------|
| | Name (2) | Name (3) | lb/hr | TPY | | |
| 1, 3 | Heaters, Dryers, Furnaces (4) | | | PM ₁₀ | 0.60 | 2.60 |
| | | | | SO ₂ | 0.05 | 0.24 |
| | | | | NO _x | 9.36 | 41.00 |
| | | | | CO | 2.05 | 9.00 |
| | | | | VOC | 0.06 | 0.19 |
| 2 | Steel Shot Blasting | | | PM ₁₀ | 0.60 | 2.62 |
| 4A | Mechanical Plating | | | NO _x | 0.21 | 0.30 |
| | | | | HCl | 0.27 | 0.53 |
| 4B | Mechanical Plating | | | NO _x | 0.21 | 0.30 |
| | | | | HCl | 0.27 | 0.53 |
| 5 | Dichromate Coating | | | NO _x | 0.42 | 0.30 |
| | | | | HF | 0.01 | 0.01 |
| 7A | Wax Operation (4) | | | VOC2 | 2.00 | 0.50 |
| | | | | VOC3 | 6.00 | 8.00 |
| 7B | Wax Operation (4) | | | VOC2 | 2.00 | 0.50 |
| | | | | VOC3 | 6.00 | 8.00 |
| 8 | Wastewater Treatment | | | SO ₂ | 0.28 | 0.20 |
| 9A | Electroplating | | | HCl | 0.14 | 0.27 |
| 9B | Electroplating | | | HCl | 0.14 | 0.27 |
| F1 | General Maintenance (4) | | | VOC | 12.00 | 2.00 |

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| | | | | |
|----|---------------------------------|------|------|------|
| F2 | HCl Storage Tank (4) | HCl | 0.04 | 0.32 |
| F3 | Research and Development (4) | VOC1 | 2.00 | 0.50 |

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) PM₁₀ - particulate matter less than 10 microns in diameter
SO₂ - sulfur dioxide
NO_x - total oxides of nitrogen
CO - carbon monoxide
VOC - volatile organic compounds as defined in General Rule 101.1
HCl - hydrogen chloride
HF - hydrogen fluoride
VOC1 - 1, 1, 1 - trichloroethane
VOC2 - MEK/Cyclohexanone
VOC3 - Butyl cellusolve
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- * Emission rates are based on and the facilities are limited by the following maximum operating schedule:

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

Dated _____