

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 51231

This table lists the maximum allowable emission rates for all sources of air contaminants covered by this permit.

## AIR CONTAMINANTS DATA

| Emission<br>Point No. (1)  | Source<br>Name (FIN)                              | Air Contaminant<br>Name (2) | Emission Rates |         |
|--|---|-----------------------------|----------------|---------|
|  |   |                             | lb/hr          | TPY (3) |
| PB3S1, PB3S2, PB3S3,<br>PB3S4, PB3S5, PB3S6,<br>PB3S7, and PB3S8 | Paint Booth 3 (PB3) and<br>Heaters 3-6 (FURN 3-6) | VOC                         | 197.20         | 14.72   |
|  |   | PM                          | 3.04           | 1.04    |
|  |   | VOC (4)                     | 0.09           | 0.25    |
|  |   | PM (4)                      | 0.12           | 0.34    |
|  |   | NO <sub>x</sub>             | 1.58           | 4.46    |
|  |   | CO                          | 1.32           | 3.75    |
|  |   | SO <sub>2</sub>             | <0.01          | 0.03    |
| PBB4S1, PBB4S2,<br>and PBB4S3                                    | Paint/Blast Booth 4<br>(PBB4)                     | VOC                         | <0.01          | <0.01   |
|  |   | PM (5)                      | 3.06           | 2.00    |
|  |   | PM (6)                      | <0.01          | 3.00    |
| PBB5S1, PBB5S2,<br>and PBB5S3                                    | Paint/Blast Booth 5<br>(PBB5)                     | VOC                         | <0.01          | <0.01   |
|  |   | PM (5)                      | 3.06           | 2.00    |
|  |   | PM (6)                      | <0.01          | 3.00    |
| PB6S1, PB6S2, PB6S3,<br>and PB6S4                                | Paint Booth 6 (PB6) and<br>Heater 10 (FURN 10)    | VOC                         | 162.70         | 14.72   |
|  |   | PM                          | 3.04           | 1.00    |
|  |   | VOC (4)                     | 0.05           | 0.15    |
|  |   | PM (4)                      | 0.07           | 0.21    |
|  |   | NO <sub>x</sub>             | 0.93           | 2.72    |
|  |   | CO                          | 0.78           | 2.29    |
|  |   | SO <sub>2</sub>             | <0.01          | 0.02    |
| PFug4  | Outdoor Blast Area 4<br>(PMFug4)                  | PM                          | 7.15           | 1.00    |
| FURN2S1 through<br>FURN2S12                                      | Heat Treating Furnace 2<br>(FURN2)                | VOC                         | 0.07           | 0.03    |
|  |   | PM                          | 0.10           | 0.04    |
|  |   | NO <sub>x</sub>             | 1.36           | 0.51    |
|  |   | CO                          | 1.14           | 0.43    |
|  |   | SO <sub>2</sub>             | <0.01          | <0.01   |

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| Emission<br>Point No. (1)   | Source<br>Name (FIN)               | Air Contaminant<br>Name (2) | <u>Emission Rates</u> |         |
|-----------------------------|------------------------------------|-----------------------------|-----------------------|---------|
|                             |                                    |                             | lb/hr                 | TPY (3) |
| FURN9S1 through<br>FURN9S12 | Heat Treating Furnace 9<br>(FURN9) | VOC                         | 0.13                  | 0.05    |
|                             |                                    | PM                          | 0.18                  | 0.07    |
|                             |                                    | NO <sub>x</sub>             | 1.18                  | 0.44    |
|                             |                                    | CO                          | 1.98                  | 0.74    |
|                             |                                    | SO <sub>2</sub>             | 0.01                  | <0.01   |
| All PB and PBB              | Paint Booths                       | Each HAP                    |                       | <10.00  |
|                             |                                    | All HAP                     |                       | <25.00  |

(1) Emission point identification as listed on Table 1(a) and plot plan

(2) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code ' 101.1

NO<sub>x</sub> - total oxides of nitrogen

SO<sub>2</sub> - sulfur dioxide

PM - total particulate matter suspended in the atmosphere including PM<sub>10</sub>

PM<sub>10</sub> - particulate matter equal to or less than a nominal 10 microns in aerodynamic diameter

CO - carbon monoxide

HAP - hazardous air pollutant as identified on Title 40 Code of Federal Regulations Part 63 Subpart C

(3) Rate is for a rolling 12 consecutive months

(4) Emissions from combustion of natural gas

(5) Painting emissions

(6) Blasting emissions

Date March 31, 2009