EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 40519

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) | Emission Rates * lb/hr | TPY |
|---|---|---|---|---|
| DC1 | Die Cast Machine No. 1 | VOC | 0.24 | 1.04 |
| DC2 | Die Cast Machine No. 2 | VOC | 0.24 | 1.0 4 |
| DC3 | Die Cast Machine No. 3 | VOC | 0.24 | 1.04 |
| DC4 | Die Cast Machine No. 4 | VOC | 0.24 | 1.04 |
| DC5 | Die Cast Machine No. 5 | VOC | 0.24 | 1.04 |
| B1 | Melting Furnace and Holding Furnace Stack (6) | $PM/PM_{10}$ | 0.68 | 3.0 |
| | | CO | 0.13 | 0.60 |
| | | $NO_X$ | 0.63 | 2.80 |
| | | $SO_2$ | 0.004 | 0.02 |
| | | VOC | 0.05 | 0.23 |
| FUG | Building Fugitives (4 and 5) | PM | 0.09 | 0.38 |

(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) VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1.
$NO_X$ - total oxides of nitrogen
$SO_2$ - sulfur dioxide
PM - particulate matter, suspended in the atmosphere, including $PM_{10}$.
$PM_{10}$ - 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.
CO - carbon monoxide

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(4) Fugitive emissions are an estimate only.
(5) Includes emissions from shot blast machine
(6) Includes emissions from the primary Melting Furnace, the natural gas-fired melting/holding furnace, and
the products of combustion from the furnace burners.

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

24 Hrs/day 7 Days/week 52 Weeks/year or ___ Hrs/year

Maximum Throughput/Usage Rates:

A. Combined primary furnace and melting/holding furnace throughput: 1.1 tons per hour and 9,660 tons
annually

B. Die Cast Machine Mold Release Agent Usage: 3,000 gallons annually

Dated_____