EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 23465

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
1	Mold Lining Baghouse	PM_{10}	0.098	0.18
2	Abrasive Cutoff Saw Cyclone (5)	PM	0.31	0.59
3	Shot Blast OPN Baghouse (5)	PM_{10}	0.10	0.04
FUG 1	Centrifugal Molds (4)	PM	0.03	0.06
FUG 2	Induction Furnaces (4)	PM	0.19	0.15
Fug 3	Gas Furnaces (4)(5)	PM	0.023	<0.001
		SO_2	<0.005	<0.001
		NO_x	0.766	0.015
		CO	0.152	0.003
		VOC	0.041	<0.001

(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)   PM   - particulate matter
        PM_{10} - particulate matter less than 10 microns in diameter
        NO_x - total oxides of nitrogen
        SO_2 - sulfur dioxide
        CO   - carbon monoxide
        VOC   - volatile organic compounds as defined in General Rule 101.1
(4)   Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
(5)   Emission from facility registered under a standard exemption

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

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Hrs/day_ 12_ Days/week_ 6_ Weeks/year_ 52__

Maximum hourly production of 3,875 pounds and a maximum annual production of 3,000 tons of stainless steel and speciality alloy castings.

The use of a maximum of 15 pounds per hour and 42,900 pounds per year of Wescote SC mold lining retractory or a chemical equivalent.

Dated_____