

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	0.47	1.10
3	Shot Blast OPN Baghouse (5)	PM ₁₀	0.10	0.05
FUG 1	Centrifugal Molds (4)	PM	0.11	0.16
FUG 2	Induction Furnaces (4)	PM	0.30	0.28
Fug 3	Gas Furnaces (4)(5)	PM	0.035	<0.002
		SO ₂	<0.008	<0.002
		NO _x	1.16	0.03
		CO	0.23	0.006
		VOC	0.061	<0.002

(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

PM₁₀ - particulate matter less than 10 microns in diameter

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

- CO - carbon monoxide
VOC - volatile organic compounds as defined in General Rule 101.1
(4) Fugitive emissions are an estimate only.
(5) Emission from facility registered under a standard exemption.

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

Hrs/day 12 Days/week 6 Weeks/year 52

Maximum hourly production of 5,900 pounds and a maximum annual production of 5,500 tons of stainless steel and speciality alloy castings.

The use of a maximum of 55 pounds per hour and 157,500 pounds per year of Wescote SC mold lining refractory or a chemical equivalent.

Dated_____