EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 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
2	Abrasive Cutoff Saw Cyclone	PM	0.47	1.10
3	Shot Blast Booth Baghouse	PM_{10}	0.10	0.05
FUG1	Building Fugitives (4 and 5)	PM	1.28	1.18
		SO_2	<0.008	<0.002
		NO_x	1.16	0.03
		CO	0.23	0.006
		VOC	0.06	<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, 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.
NO_x - total oxides of nitrogen
SO_2 - sulfur dioxide
CO - carbon monoxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
(4) Fugitive emissions are an estimate only.
(5) Includes emissions from the melting furnaces, the ladle heating torch, the casting operation, mold cleaning, and heat treat and aging furnaces.

* 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 94 pounds per hour and 176,000 pounds per year of Wescote SC mold lining refractory or a chemical equivalent.

Dated October 24, 2003