

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5105A

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

<u>Emission Rates*</u>	<u>Source</u>	<u>Air Contaminant</u>	<u>Emission</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	
<u>ton/yr</u>				
ST-B1	Royer Handling Machine	PM <sub>10</sub>	1.72	7.50
	Baghouse B-1 Stack	VOC	0.29	1.19
		CH <sub>2</sub> Cl <sub>2</sub>	0.13	0.55
ST-B2	Royer Handling Machine	PM <sub>10</sub>	1.12	4.88
	Baghouse B-2 Stack	VOC	0.29	1.19
		CH <sub>2</sub> Cl <sub>2</sub>	0.13	0.55
ST-B5**	Shakeout Exhaust/Hot Sand	PM <sub>10</sub>	0.30	1.31
ST-B18	Four Bins/Muller/Rotary Screen and Reclaimer Baghouse Stack	PM <sub>10</sub>	2.73	11.96
NFPF**	North Foundry Pouring Floor	PM <sub>10</sub>	10.50	19.69
		VOC	0.47	1.97
		CH <sub>2</sub> Cl <sub>2</sub>	32.00	134.40
ST-B19	Mold Machines/Pouring/Vibramill and Oscillating	PM <sub>10</sub>	3.35	14.68
	28.51	VOC		6.79
	Conveyors/Didion/Royer Baghouse Stack	CH <sub>2</sub> Cl <sub>2</sub>	10.56	44.35
MECL2TANK	Methylene Chloride Tank Vent	CH <sub>2</sub> Cl <sub>2</sub>	4.95	<0.1

(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)  $PM_{10}$  -particulate matter (PM) 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.

VOC - volatile organic compounds as defined in General Rule 101.1.

$CH_2Cl_2$  - methylene chloride

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\*\* NFPF fugitive emission and ST-B5 will be phased out during construction.

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

Hrs/day 24 Days/week 7 Weeks/year 50 or Hrs/year \_\_\_\_\_

Based on a maximum hourly capacity rate of 5 tons and a maximum annual rate of 18,750 tons of steel casting.

Dated \_\_\_\_\_