

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 19732

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) <u>TPY</u>	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u> lb/hr	
70	North Calciner Stack	PM	4.04	17.70
		PM <sub>10</sub>	4.04	17.70
		No <sub>x</sub>	7.25	31.76
		CO	25.00	109.50
		SO <sub>2</sub>	0.15	0.66
		VOC	15.00	65.70
		Hg	0.0057	0.025
80	South Calciner Stack	PM	4.04	17.70
		PM <sub>10</sub>	4.04	17.70
		NO <sub>x</sub>	7.25	31.76
		CO	25.00	109.50
		SO <sub>2</sub>	0.15	0.66
		VOC	15.00	65.70
		Hg	0.0057	0.025
71/81**	Baghouse A	PM <sub>10</sub>	0.10	0.45
72/82**	Baghouse B	PM <sub>10</sub>	0.10	0.45
73/83**	Baghouse C	PM <sub>10</sub>	0.10	0.45
74/84**	Baghouse D	PM <sub>10</sub>	0.10	0.45
75/85**	Baghouse E	PM <sub>10</sub>	0.10	0.45
76/86**	Baghouse F	PM <sub>10</sub>	0.20	0.88
77/87**	Baghouse G	PM <sub>10</sub>	0.14	0.62

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	
<u>TPY</u>				
78/88**	Baghouse H	PM <sub>10</sub>	0.20	0.88
79/89**	Baghouse I	PM <sub>10</sub>	0.14	0.62

(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 including PM<sub>10</sub>  
PM<sub>10</sub> - particulate matter less than 10 microns  
VOC - volatile organic compounds as defined in 30 TAC §101.1  
No<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
CO - carbon monoxide  
Hg - mercury

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

Based on a maximum annual production of 2,082,500 tons of alumina.

Brs/year 8,760

\*\* Only one transport and collection system will operate at a time.

Dated September 28, 2001