

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 20519

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 *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
<b>GROUND CALCIUM CARBONATE (GCC) PLANT</b>				
3-DF-1	Dryer 1 - Baghouse Stack	PM <sub>10</sub>	1.12	4.66
		VOC	0.10	0.30
		NO <sub>x</sub>	3.70	15.30
		SO <sub>2</sub>	0.30	1.24
		CO	0.90	3.80
3-DF-2A	Dryer 2 - No. 1 Baghouse Stack	PM <sub>10</sub>	1.42	5.73
		VOC	0.05	0.25
		NO <sub>x</sub>	3.05	12.40
		SO <sub>2</sub>	0.31	1.27
		CO	0.75	3.10
3-DF-2B	Dryer 2 - No. 2 Baghouse Stack	PM <sub>10</sub>	1.42	5.73
		VOC	0.05	0.25
		NO <sub>x</sub>	3.05	12.40
		SO <sub>2</sub>	0.31	1.27
		CO	0.75	3.10
3-VAF-1	Calcium Plant - Baghouse Stack	PM <sub>10</sub>	0.33	1.45
<b>LIMESTONE PREPARATION SYSTEM</b>				
1CR1	Primary Jaw Crusher (4)	PM	0.09	0.09
		PM <sub>10</sub>	0.04	0.05

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Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
1SN1	Primary Screen (4)	PM	1.76	1.84
		PM <sub>10</sub>	0.84	0.88
1CR2	Secondary Crusher (4)	PM	0.22	0.33
		PM <sub>10</sub>	0.11	0.16
1SN2	Secondary Screen (4)	PM	1.06	1.54
		PM <sub>10</sub>	0.50	0.73
2SN1	Tertiary Screen (4)	PM	1.05	1.82
		PM <sub>10</sub>	0.50	0.73
Various	Material Handling (4)	PM	3.63	5.49
		PM <sub>10</sub>	1.81	2.72
Various	Stockpiles (4)	PM	1.50	3.42
		PM <sub>10</sub>	0.75	1.71

(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<sub>10</sub>.  
PM<sub>10</sub> - 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.

VOC - volatile organic compounds as defined in General Rule 101.1

NO<sub>x</sub> - total oxides of nitrogen

SO<sub>2</sub> - sulfur dioxide

CO - carbon monoxide

(4) Fugitive emissions are an estimate only.

\* Emission rates are based on and the facilities are limited by the specifications in Special Condition No. 1.

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Point No. (1)	Name (2)	Name (3)	lb/hr	TPY

Dated\_\_\_\_\_