

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 7808

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	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
101	Primary Crusher	PM	5.0	11.9
102	Secondary Crusher	PM	18.6	44.5
102A	Secondary Crusher Fines	PM	0.06	0.14
103	Hi Cal Storage Reclaim	PM	1.5	6.0
104	Convey and Scalp	PM	0.1	0.4
104A	Kiln Dust Bin Vent Load	PM	0.21	0.84
105 (5)	Conveyor, Coal Crusher, and Kiln 328.10	NO _x		77.20
		CO	10.0	42.50
		SO ₂	3.0	12.75
		VOC	2.2	9.35
		PM	10.5	44.63
106 (4)	Dolomite Unload and Load	PM	3.9	15.6
107	Coal Unload and Convey	PM	2.1	2.1
108	Coal Surge/Reclaim	PM	0.6	0.6
109	Coal Conveyor and Crusher Bins 0.2	PM		0.2
110	Quick Lime Conveyor	PM	0.06	0.2

110A	Quick Lime Storage Silo	PM	0.48	1.9
110B	Quick Lime Screw Conveyor	PM	0.48	1.9

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<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>TPY</u>				
111	Hydrator	PM	1.5	6.0
112	Hi Cal Hydrator Conveyor	PM	0.3	1.2
112A	Hi Cal Hydrator Bin	PM	0.48	1.9
113	Dolomite Hydrator Conveyor	PM	0.3	1.2
113A	Dolomite Hydrator Conveyor Mill 0.4	PM		0.11
113B	Dolomite Hydrator NAE Bin	PM	0.48	1.9
114	Hi Cal Pack	PM	0.8	3.1
115	Dolomite Pack	PM	0.8	3.1
116	Hi Cal Quick Lime Grind, Store, and Load	PM	0.1	0.4
116A	Hi Cal Silo	PM	0.13	0.5
116B	Hi Cal Quick Lime, Truck Load	PM	0.11	0.4
117	Dolomite Quick Lime Grind and Load	PM	0.07	0.3
118	Hi Cal Truck Load	PM	0.3	1.2

119	Quarry (4)	PM	52.4	125.6
120	Haulage (4)	PM	6.7	16.1
121	Quick Lime Rail Load	PM	0.14	0.56

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.

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- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
(3) PM - particulate matter
VOC - volatile organic compounds as defined in General Rule 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
(5) Emissions based on maximum feed rate of 70.0 tons per hour.

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

All emission points identified on the maximum allowable emission rates table above are limited to 8,000 hours per year with the exception of the equipment listed below:

Conveyor, Coal Crusher, and Kiln No. 3 (EPN105)

Hrs/day____Days/week____Weeks/year____or Hrs/year 8,500

Coal Unload and Conveyor (EPN 107), Coal Surge/Reclaim (EPN 108), Coal Conveyor, and Crusher Bins (EPN 109).

Hrs/day____Days/week____Weeks/year____or Hrs/year 2,000

Primary Crusher (EPN 101), Secondary Crusher (EPN 102), Secondary Crusher Fines (EPN 102A), Quarry (EPN 119), and Haulage (EPN 120)

Hrs/day____Days/week____Weeks/year____or Hrs/year 5,500

Dated_____