

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 20821

This table lists the maximum allowable emission rates for all sources of air contaminants covered by this permit.

AIR CONTAMINANTS DATA

Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
1, 2, 3, 5, 6, 10, 11, 12, 23, 25, and 26	A Press	VOC	3.2	9.6
7, 8, 9, 13, 14, 15, 20, 21, and 22	9.6	B Press	VOC	3.2
28	Cementer 1	VOC	25	45.0
29	Cementer 2	VOC	25	45.0
30	Cementer 3	VOC	25	45.0
31	Drop Mill	VOC	1.47	6.4
33	A Extruder	VOC	0.08	0.35
34	A Blend	VOC	0.73	3.2
35	A Extruder Mill	VOC	0.73	3.2
36	B Extruder Mill	VOC	0.73	3.2
37	B Blend	VOC	0.73	3.2
38	B Extruder	VOC	0.08	0.35
41	Mixer	PM	0.16	0.67
43	Boiler (Natural Gas)	NO _x	1.75	7.67
		SO ₂	0.01	0.04
		VOC	0.08	0.32
		CO	0.44	1.9
		PM	0.18	0.77

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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>

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
43	Boiler (No.2 Fuel Oil/ 2,160 hours)	NO _x	1.44	1.56
		SO ₂	3.07	3.32
		VOC	0.03	0.01
		CO	0.36	0.39
		PM	0.15	0.16
44	Buffer 1	PM	0.2	0.87
45	Buffer 2	PM	0.2	0.87
46	Buffer 3	PM	0.2	0.87
48	Fuel Oil Tank	VOC		0.05
49	Heptane Tank	VOC		0.47
50, 51, 52, and 53	Cement House	VOC	3.47	10.4

(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) VOC - volatile organic compounds as defined in General Rule 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

PM - particulate matter, suspended in the atmosphere, including PM₁₀.

PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.

CO - carbon monoxide

* Emission rates are based on and the facilities are limited by the

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

following maximum operating schedule:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760
Hrs/year

Dated _____