

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 20821

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

AIR CONTAMINANTS DATA

<u>Emission Point No. (1) TPY(4)</u>	<u>Source Name (2)</u>	<u>Air Contaminant Name (3)</u>	<u>Emission Rates</u> lb/hr	
1, 2, 3, 5, 6, 10, 11, 12, 23, 25, and 26	A Press	VOC	3.20	9.60
7, 8, 9, 13, 14, 15, 20, 21, 22, and 24	B Press	VOC	3.20	9.60
28	Cementer 1	VOC	25.00	45.00
29	Cementer 2	VOC	25.00	45.00
30	Cementer 3	VOC	25.00	45.00
31	Drop Mill	VOC	1.47	6.40
33	A Extruder	VOC	0.08	0.35
34	A Blend	VOC	0.73	3.20
35	A Extruder Mill	VOC	0.73	3.20
36	B Extruder Mill	VOC	0.73	3.20
37	B Blend	VOC	0.73	3.20
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	0.03
		VOC	0.07	0.32
		CO	0.04	1.9
		PM	0.18	0.77

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Emission Point No. (1) <u>TPY(4)</u>	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	
43	Boiler (No. 2 Fuel Oil/ 2,160 hours)	NO _x	1.44	1.46
		SO ₂	3.07	3.32
		VOC	0.02	0.01
		CO	0.36	0.39
		PM	0.14	0.16
44	Buffer 1	PM	0.20	0.87
45	Buffer 2	PM	0.20	0.87
46	Buffer 3	PM	0.20	0.87
48	Fuel Oil Tank	VOC (5)	50.00	0.05
49	Heptane Tank	VOC (5)	44.00	0.40
50, 51, 52, and 53	Cement House	VOC (5)	3.60	10.40

(1) Emission point identification - number from plot plan.

(2) Specific point source name.

(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 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 particulate matter greater than 10 microns is emitted.

CO - carbon monoxide

(4) Rate as for a rolling 12-consecutive months.

(5) Fugitive Emissions.

Dated September 12, 2003