

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

20821

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)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY

NATURAL GAS FIRING (8,760 HOURS)

EPN 1	10.0 MMBtu/hr Boiler	NO _x	1.00	4.38
		CO	0.20	0.87
		PM	0.05	0.22
		VOC	0.05	0.23
		SO ₂	<0.01	0.03

NO. 2 FUEL OIL FIRING (720 HOURS)

EPN 1	10.0 MMBtu/hr Boiler	NO _x	1.44	0.52
		CO	0.36	0.13
		PM	0.14	0.05
		VOC	0.2	0.01
		SO ₂	3.07	1.10

MAXIMUM ALLOWABLE ANNUAL EMISSION RATES - NO. 2 FUEL OIL (720 HRS) AND NATURAL GAS (8,040 HRS)

EPN 1	10.0 MMBtu/hr Boiler	NO _x		4.54
		CO		0.93
		PM		0.25
		VOC		0.22
		SO ₂		1.12
EPN 2	Rubber Mixer	PM	0.45	0.90
EPN 3	Rubber Mill No. 1	VOC	0.40	1.20

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EPN 4	Rubber Mill No. 2 and Rubber Mill No. 3	VOC	0.80	2.40
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EPN 5	Rubber Mill No. 4	VOC	0.40	1.20
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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
EPN 5	Rubber Mill No. 5	VOC	0.40	1.20
EPN 7	Rubber Extruder No. 1	VOC	0.50	1.50
EPN 8	Rubber Extruder No. 2	VOC	0.50	1.50
EPN 9 through EPN 12	Press No. 1	VOC	2.52	7.6
EPN 13 through EPN 16	Press No. 2	VOC	2.52	7.6
EPN 17	Buffer No. 1	PM	0.21	0.6
EPN 18	Buffer No. 2	PM	0.21	0.6
EPN 19	Buffer No. 3	PM	0.21	0.6
EPN 20	Cementer No. 1	VOC	13.3	40.0
EPN 21	Cementer No. 2	VOC	13.3	40.0
EPN 22	Cementer No. 3	VOC	13.3	40.0
EPN 23	Shop Dust Collector	PM	0.1	0.03

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- (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
VOC - volatile organic compounds as defined in General Rule 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide

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

General operating hours:

Hrs/day 24 Days/week 5 Weeks/year 50 or Hrs/year 6,000

Rubber mixer dust collector maximum operating hours:

Hrs/day 16 Days/week 5 Weeks/year 50 or Hrs/year 4,000

Maintenance shop dust collector maximum operating hours:

Hrs/day 2 Days/week 5 Weeks/year 50 or Hrs/year 500

Revised _____