

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 17994

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)	lb/hr	TPY	<u>Emission Rates *</u>
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The following facilities are limited to 6,500 hours\per\year of operation.

EPN 1	Baghouse	PM	1.90	3.80
EPN 4	Vault Exhauster	VOC	0.9	0.9
EPN 5	Roller Refinishing	HCl	0.03	0.03
EPN 6	Nickel Plating	Nickel Sulfate	0.02	0.03
EPN 7	Chrome Plating	Chromic Acid	<0.01	<0.01
EPN 8	Waste Treatment	VOC	2.5	6.7
EPN 12	Production Support Building Fugitives	VOC	25.0	32.9
EPN 13	16.0 MMBtu/hr Natural Gas Fired Thermal Oxidizer	VOC	3.44	4.69
		NO _x	2.24	4.56
		CO	0.56	1.14
		PM	0.15	0.5
		SO ₂	0.01	0.02

Emission rates are based on and the following facilities are limited to 8,760 hours\per\year of operation.

NATURAL GAS OR LPG FIRING 8,760 HOURS\PER\YEAR

EPN 9A	Boiler No. 1	NO _x	4.72	20.70
	33.75 MMBtu/hr	CO	1.18	5.17
		PM	0.17	0.74

Permit No. 17994
Page 2

VOC	0.09	0.41
SO ₂	0.02	0.09

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Name (3)	lb/hr	Air Contaminant TPY	Emission Rates*
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NO. 2 FUEL OIL FIRING 720 HOURS\PER\YEAR

EPN 9A	Boiler No. 1 33.75 MMBtu/hr	NO _x	4.86	1.75
		CO	1.21	0.43
		PM	0.48	0.17
		VOC	0.05	0.02
		SO ₂	10.30	3.71

MAXIMUM ALLOWABLE ANNUAL EMISSION RATES FOR FIRING NATURAL GAS OR LPG 8,040 HOURS\PER\YEAR AND NO. 2 FUEL OIL 720 HOURS\PER\YEAR

EPN 9A	Boiler No. 1 33.75 MMBtu/hr	NO _x	20.72
		CO	5.17
		PM	0.85
		VOC	0.38
		SO ₂	3.79

NATURAL GAS OR LPG FIRING 8,760 HOURS\PER\YEAR

EPN 9B	Boiler No. 2 33.75 MMBtu/hr	NO _x	4.72	20.70
		CO	1.18	5.17
		PM	0.17	0.74
		VOC	0.09	0.41
		SO ₂	0.02	0.09

NO. 2 FUEL OIL FIRING 720 HOURS\PER\YEAR

EPN 9B	Boiler No. 2 33.75 MMBtu/hr	NO _x	4.86	1.75
		CO	1.21	0.43
		PM	0.48	0.17
		VOC	0.05	0.02
		SO ₂	10.30	3.71

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Name (3)	lb/hr	Air Contaminant TPY	Emission Rates*
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**MAXIMUM ALLOWABLE ANNUAL EMISSION RATES FOR FIRING
NATURAL GAS OR LPG 8,040 HOURS\PER\YEAR AND NO. 2 FUEL OIL 720
HOURS\PER\YEAR**

EPN 9B	Boiler No. 2 33.75 MMBtu/hr	NO _x		20.72
		CO		5.17
		PM		0.85
		VOC		0.38
		SO ₂		3.79

NATURAL GAS OR LPG FIRING 8,760 HOURS\PER\YEAR

EPN 9C	Boiler No. 3 8.75 MMBtu/hr	NO _x	0.87	3.83
		CO	0.18	0.76
		PM	0.04	0.19
		VOC	0.05	0.20
		SO ₂	<0.01	0.02

NO. 2 FUEL OIL FIRING 720 HOURS\PER\YEAR

EPN 9C	Boiler No. 3 8.75 MMBtu/hr	NO _x	1.26	0.45
		CO	0.31	0.11
		PM	0.13	0.05
		VOC	0.02	0.01
		SO ₂	2.68	0.97

**MAXIMUM ALLOWABLE ANNUAL EMISSION RATES FOR FIRING
NATURAL GAS OR LPG 8,040 HOURS\PER\YEAR AND NO. 2 FUEL OIL 720
HOURS\PER\YEAR**

EPN 9C	Boiler No. 3 8.75 MMBtu/hr	NO _x		3.97
		CO		0.81
		PM		0.22
		VOC		0.19
		SO ₂		0.99

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (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
HCl - hydrogen chloride

Dated _____ -