

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 6076

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	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
CASE I: Natural Gas Firing				
BR-2-1	Boiler (5.396 MMBtu/hr)	SO ₂	0.1	0.014
		PM ₁₀	0.02	0.07
		CO	0.11	0.47
		VOC	0.02	0.12
		NO _x	0.54	2.36
BR-21-1	Boiler (4.0 MMBtu/hr)	SO ₂	<0.01	0.01
		PM ₁₀	0.01	0.05
		CO	0.08	0.35
		VOC	0.2	0.09
		NO _x	0.40	1.75
BR-2588-1	Boiler (2.8 MMBtu/hr)	SO ₂	<0.01	0.01
		PM ₁₀	0.01	0.04
		CO	0.06	0.25
		VOC	<0.02	0.07
		NO _x	0.28	1.23
BR-2588-2	Boiler (4.0 MMBtu/hr)	SO ₂	<0.01	0.01
		PM ₁₀	0.01	0.05
		CO	0.08	0.35
		VOC	0.2	0.09
		NO _x	0.40	1.75

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
BR-2588-3	Boiler (4.0 MMBtu/hr)	SO ₂	<0.01	0.01
		PM ₁₀	0.01	0.05
		CO	0.08	0.35
		VOC	0.2	0.09
		NO _x	0.40	1.75
BR-4973-1	Boiler (4.0 MMBtu/hr)	SO ₂	<0.01	0.01
		PM ₁₀	0.01	0.05
		CO	0.08	0.35
		VOC	0.2	0.09
		NO _x	0.40	1.75
BR-11142-1	Boiler (4.0 MMBtu/hr)	SO ₂	<0.01	0.01
		PM ₁₀	0.01	0.05
		CO	0.08	0.35
		VOC	0.2	0.09
		NO _x	0.40	1.75
BR-11202-1	Boiler (4.0 MMBtu/hr)	SO ₂	<0.01	0.01
		PM ₁₀	0.01	0.05
		CO	0.08	0.35
		VOC	0.2	0.09
		NO _x	0.40	1.75

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

Hrs/day_____ Days/week_____ Weeks/year_____ or Hrs/year 8,760

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Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
CASE II: No. 2 Fuel Oil Firing (720 Hours)				
BR-2-1	Boiler (5.396 MMBtu/hr)	SO ₂	1.66	0.62
		PM ₁₀	0.11	0.04
		CO	0.215	0.08
		VOC	0.03	0.01
		NO _x	0.77	0.28
BR-21-1	Boiler (4.0 MMBtu/hr)	SO ₂	1.23	0.44
		PM ₁₀	0.085	0.03
		CO	0.172	0.06
		VOC	0.024	0.01
		NO _x	0.619	0.22
BR-2588-1	Boiler (2.8 MMBtu/hr)	SO ₂	0.86	0.30
		PM ₁₀	0.06	0.02
		CO	0.12	0.04
		VOC	0.01	0.01
		NO _x	0.43	0.15
BR-2588-2	Boiler (4.0 MMBtu/hr)	SO ₂	1.23	0.44
		PM ₁₀	0.085	0.03
		CO	0.172	0.06
		VOC	0.024	0.01
		NO _x	0.619	0.22
BR-2588-3	Boiler (4.0 MMBtu/hr)	SO ₂	1.23	0.44
		PM ₁₀	0.085	0.03
		CO	0.172	0.06
		VOC	0.024	0.01
		NO _x	0.619	0.22

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AIR CONTAMINANTS DATA

Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
BR-4973-1	Boiler (4.0 MMBtu/hr)	SO ₂	1.23	0.44
		PM ₁₀	0.085	0.03
		CO	0.172	0.06
		VOC	0.024	0.01
		NO _x	0.619	0.22
BR-11142-1	Boiler (4.0 MMBtu/hr)	SO ₂	1.23	0.44
		PM ₁₀	0.085	0.03
		CO	0.172	0.06
		VOC	0.024	0.01
		NO _x	0.619	0.22
BR-11202-1	Boiler (4.0 MMBtu/hr)	SO ₂	1.23	0.44
		PM ₁₀	0.085	0.03
		CO	0.172	0.06
		VOC	0.024	0.01
		NO _x	0.619	0.22

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

Hrs/day_____ Days/week_____ Weeks/year_____ or Hrs/year 720

CASE III: MAXIMUM ALLOWABLE ANNUAL EMISSION RATES - No. 2 Fuel Oil Firing (720 Hours) and Natural Gas Firing (8,040 Hours)

BR-2-1	Boiler (5.396 MMBtu/hr)	SO ₂	0.62
		PM ₁₀	0.1
		CO	0.51
		VOC	0.12
		NO _x	2.45

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
BR-21-1	Boiler (4.0 MMBtu/hr)	SO ₂	0.45	
		PM ₁₀	0.08	
		CO	0.38	
		VOC	0.09	
		NO _x	1.83	
BR-2588-1	Boiler (2.8 MMBtu/hr)	SO ₂	0.31	
		PM ₁₀	0.06	
		CO	0.27	
		VOC	0.07	
		NO _x	1.28	
BR-2588-2	Boiler (4.0 MMBtu/hr)	SO ₂	0.45	
		PM ₁₀	0.08	
		CO	0.38	
		VOC	0.09	
		NO _x	1.83	
BR-2588-3	Boiler (4.0 MMBtu/hr)	SO ₂	0.45	
		PM ₁₀	0.08	
		CO	0.38	
		VOC	0.09	
		NO _x	1.83	
BR-4973-1	Boiler (4.0 MMBtu/hr)	SO ₂	0.45	
		PM ₁₀	0.08	
		CO	0.38	
		VOC	0.09	
		NO _x	1.83	

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AIR CONTAMINANTS DATA

Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
BR-11142-1	Boiler (4.0 MMBtu/hr)	SO ₂		0.45
		PM ₁₀		0.08
		CO		0.38
		VOC		0.09
		NO _x		1.83
BR-11202-1	Boiler (4.0 MMBtu/hr)	SO ₂		0.45
		PM ₁₀		0.08
		CO		0.38
		VOC		0.09
		NO _x		1.83

* Emission rates for the boilers listed above are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day _____ Days/week _____ Weeks/year _____ or Hrs/year 8,760

T-5885-1	JP-8 Tank Fugitives (4)	VOC	0.01	0.013
T-5885-2	JP-8 Tank Fugitives (4)	VOC	0.01	0.013
T-5885-3	JP-8 Tank Fugitives (4)	VOC	0.01	0.013

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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_{10} - particulate matter less than 10 microns
VOC - volatile organic compounds as defined in General Rule 101.1
 NO_x - total oxides of nitrogen
 SO_2 - sulfur dioxide
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

Dated _____