

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 19225

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)	Emission Rates *	
			lb/hr	TPY
Case I: Auxiliary Boiler				
CP-AB1S	Auxiliary Boiler	VOC	0.5	<1.0
		NO _x	14.8	3.7
		SO ₂	51.2	12.8
		PM	8.3	2.1
		CO	14.8	3.7
Case II: Emergency Generators (4)(5)				
CP-EDG1S	Emergency Generator No. 1	VOC	1.3	<1.0
		NO _x	278.5	20.9
		SO ₂	36.2	2.8
		PM	4.3	<1.0
		CO	23.6	1.8
CP-EDG2S	Emergency Generator No. 2	VOC	1.3	<1.0
		NO _x	278.5	20.9
		SO ₂	36.2	2.8
		PM	4.3	<1.0
		CO	23.6	1.8
CP-EDG3S	Emergency Generator No. 3	VOC	1.3	<1.0
		NO _x	278.5	20.9
		SO ₂	36.2	2.8
		PM	4.3	<1.0
		CO	23.6	1.8
CP-EDG4S	Emergency Generator No. 4	VOC	1.3	<1.0
		NO _x	278.5	20.9
		SO ₂	36.2	2.8
		PM	4.3	<1.0
		CO	23.6	1.8

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)lb/hr	Emission Rates *	
			TPY	
Case III: Emergency Generators (4)				
CP-EDG5S	Emergency Generator No. 5	VOC	0.1	<1.0
		NO _x	9.1	1.2
		SO ₂	2.7	<1.0
		PM	0.6	<1.0
		CO	2.1	<1.0
CP-EDG6S	Emergency Generator No. 6	VOC	0.4	<1.0
		NO _x	5.2	<1.0
		SO ₂	0.8	<1.0
		PM	0.4	<1.0
		CO	1.2	<1.0
Case IV: Emergency Fire Pumps (4)(6)				
CP-DFP1S	Diesel Fire Pump No. 1	VOC	1.6	<1.0
		NO _x	19.1	1.0
		SO ₂	3.0	<1.0
		PM	1.4	<1.0
		CO	4.2	<1.0
CP-DFP2S	Diesel Fire Pump No. 2	VOC	1.6	<1.0
		NO _x	19.1	1.0
		SO ₂	3.0	<1.0
		PM	1.4	<1.0
		CO	4.2	<1.0

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources use area name or fugitive 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

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- 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

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- (4) These emergency generators are exempt under Texas Commission on Environmental Quality Standard Exemption 5. Inclusion of these emissions sources is to establish federally enforceable limitations on hours of operation and to document that emission levels are below significance levels for prevention of significant deterioration.
- (5) The four Emergency Generators (EPNs CP-EDG1S, CP-EDG2S, CP-EDG3S, and CP-EDG4S) will operate no more than a combined total of 600 hours per year. Annual emissions shown for each of the subject emergency generators are based upon 150 hours of operation per year, but could vary according to load distribution.
- (6) The two Diesel Fire Pumps (EPNs CP-DFP1S and CP-DFP2S) will operate not more than a combined total of 200 hours per year. Annual emissions shown for each of the subject fire pumps are based on 100 hours of operation per year, but could vary.

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

Case I:

_____ Hrs/day ___ Days/week ___ Weeks/year or 500 Hrs/year

Case II:

_____ Hrs/day ___ Days/week ___ Weeks/year or 600 Hrs/year (combined total for four units)

Case III:

_____ Hrs/day ___ Days/week ___ Weeks/year or 250 Hrs/year

Case IV:

_____ Hrs/day ___ Days/week ___ Weeks/year or 200 Hrs/year (combined total for two units)

Dated June 17, 2004