

## 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, sources, and related activities. 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		
			lbs/hour	TPY (4)	
CP-AB1S	Auxiliary Boiler (5)	SO <sub>2</sub>	51.2	12.8	
		NO <sub>x</sub>	14.8	3.7	
		CO	14.8	3.7	
		PM	8.3	2.1	
		VOC	0.5	0.13	
The following eight engines are permit-by-rule (PBR) sources incorporated by reference. Incorporation on this table is for purposes of establishing federally enforceable limitations on hours of operation and to document that emission levels are below significance levels for prevention of significant deterioration. They remain authorized by PBR 30 TAC § 106.511 (version effective September 4, 2000).					
CP-EDG1S, CP-EDG2S, CP-EDG3S, and CP-EDG4S	Emergency Diesel Generator Engines Nos. 1, 2, 3, and 4	SO <sub>2</sub>	36.2	--	
		NO <sub>x</sub>	278.5	--	
		CO	23.6	--	
		PM	4.3	--	
		VOC	1.3	--	
	Hourly emission rates shown apply to each individual engine. (5)	CO	23.6	--	
		PM	4.3	--	
		VOC	1.3	--	
		Total Combined Annual Emission Limits	SO <sub>2</sub>	--	10.9
			NO <sub>x</sub>	--	83.6
CO	--		7.1		
PM	--		1.3		
VOC	--		0.39		

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CP-EDG5S	Emergency Diesel Generator Engine No. 5 (5)	SO <sub>2</sub>	2.7	0.34
		NO <sub>x</sub>	9.1	1.14
		CO	2.1	0.26
		PM	0.6	0.08
		VOC	0.1	0.01
CP-EDG6S	Emergency Diesel Generator Engine No. 6 (5)	SO <sub>2</sub>	0.8	0.10
		NO <sub>x</sub>	5.2	0.65
		CO	1.2	0.15
		PM	0.4	0.05
		VOC	0.4	0.05
CP-DFP1S CP-DFP2S	Diesel Engine Fire Pumps Nos. 1 and 2	SO <sub>2</sub>	3.0	--
		NO <sub>x</sub>	19.1	--
		CO	4.2	--
		PM	1.4	--
		VOC	1.6	--
	Total Combined Annual Emission Limits	SO <sub>2</sub>	--	0.30
		NO <sub>x</sub>	--	1.91
		CO	--	0.42
		PM	--	0.14
		VOC	--	0.16
MSS-FUG	Planned Maintenance, Startup, and Shutdown (MSS) Sources (6)	VOC	26.3	0.15

(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) SO<sub>2</sub> - sulfur dioxide

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NO<sub>x</sub> - total oxides of nitrogen

CO - carbon monoxide

PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

- (4) Annual emission rates for each source are based on hours of operation limits in Special Condition No. 4 of this permit. Annual emission rates include emissions from planned MSS.
- (5) Hourly emission rates include emissions from planned MSS.
- (6) Inherently low emitting fugitive emissions from sources and activities listed in Attachment A of this permit. Emission rates are an estimate and are enforceable through compliance with the applicable special conditions and permit application representations.

Date March 21, 2012  
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