

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 18257

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**
Natural Gas Fired (4)					
BLR4	Boiler 4 (62.5 MMBtu/hr)		VOC	0.2	0.9
			NO _x	6.2	27.2
		SO ₂	0.1	0.1	
		PM	0.2	0.9	
		CO	2.4	10.5	
BLR12	Boiler 6 (40 MMBtu/hr)		VOC	0.1	*
			NO _x	0.5	*
		SO ₂	0.1	*	
		PM	0.2	*	
		CO	0.8	*	
BLR13	Boiler 7 (40 MMBtu/hr)		VOC	0.1	*
			NO _x	0.5	*
		SO ₂	0.1	*	
		PM	0.2	*	
		CO	0.8	*	
BLR14	Boiler 8 (40 MMBtu/hr)		VOC	0.1	*
			NO _x	0.5	*
		SO ₂	0.1	*	
		PM	0.2	*	
		CO	0.8	*	
BLR15	Boiler 9 (40 MMBtu/hr)		VOC	0.1	*
			NO _x	0.5	*
		SO ₂	0.1	*	
		PM	0.2	*	
		CO	0.8	*	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY**
BLR16	Boiler 10 (100 MMBtu/hr)	VOC	0.2	*
		NO _x	1.1	*
		SO ₂	0.1	*
		PM	0.4	*
		CO	1.9	*
BLR12, BLR13, BLR14, BLR15, and BLR16 combined	Total tons per year cap firing natural gas on Boiler Nos. 6, 7, 8, 9, and 10 -	VOC	-	2.5
		NO _x	-	13.6
		SO ₂	2.2	
		PM	-	5.4
		CO	-	22.3
Jet A Fuel (5)				
BLR12	Boiler 6 (40 MMBtu/hr)	VOC	0.2	*
		NO _x		3.9
			*	
		SO ₂	11.9	*
		PM	0.6	*
		CO	4.5	*
BLR13	Boiler 7 (40 MMBtu/hr)	VOC	0.2	*
		NO _x		3.9
			*	
		SO ₂	11.9	*
		PM	0.6	*
		CO	4.5	*
BLR14	Boiler 8 (40 MMBtu/hr)	VOC	0.2	*
		NO _x		3.9
			*	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY**
			SO ₂ 11.9	*
			PM 0.6	*
			CO 4.5	*
BLR15	Boiler 9 (40 MMBtu/hr)	VOC	0.2	*
		NO _x	3.9	*
		SO ₂	11.9	*
		PM	0.6	*
		CO	4.5	*
BLR16	Boiler 10 (100 MMBtu/hr)	VOC	0.4	*
		NO _x	9.5	*
		SO ₂	29.5	*
		PM	1.4	*
		CO	11.2	*
BLR12, BLR13, BLR14, BLR15, and BLR16 combined	Total tons per year cap firing Jet A fuel on -	VOC	-	0.6
		NO _x	-	12.6
		Boiler Nos. 6, 7, 8, 9, and 10 SO ₂	-	38.6
		PM	-	1.9
		CO	-	14.8

- (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 an 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
- 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 PM greater than 10 microns is emitted.

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			<u>lb/hr</u>	<u>TPY**</u>

CO - carbon monoxide

(4) Emission rates for gas firing are limited by the following maximum operating schedule:

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

(5) Emission rates for Jet A fuel firing are limited by the following maximum operating schedule:

_____ Hrs/day _____ Days/week _____ Weeks/year or 5,000 Hrs/year

* Cap on tons per year emissions set for Boiler Nos. 6, 7, 8, 9, and 10.

** Compliance with annual emission limits is based on a rolling 12-month period.

Dated August 16, 2004