

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, 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 (5)	
			lbs/hour	TPY (4)
Case 1: Boilers firing natural gas				
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	-
BLR16	Boiler 10 (100 MMBtu/hr)	VOC	0.2	-
		NO _x	1.1	-
		SO ₂	0.1	-
		PM	0.4	-
		CO	1.9	-

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BLR12, BLR13, BLR14, BLR15, and BLR16	Total tons per year cap firing natural gas on Boiler Nos. 6, 7, 8, 9, and 10	VOC	-	1.24
		NO _x	-	6.40
		SO ₂	-	1.02
		PM	-	2.47
		CO	-	10.53
Case 2: Boilers firing Jet A fuel (6)				
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	-
		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	Total tons per year cap firing Jet A fuel on Boiler Nos. 6, 7, 8, 9, and 10	VOC	-	0.17
		NO _x	-	3.54
		SO ₂	-	10.86
		PM	-	0.54
		CO	-	4.11

- (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) 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 - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
CO - carbon monoxide

- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Planned maintenance, startup and shutdown emissions are included.
- (6) Emission rates for Jet A fuel firing are limited to 1,404 hrs/12-month rolling basis.

Date: September 27, 2023