

Emission Sources - Maximum Allowable Emission Rates

Permit Number 5226

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 (6)	
			lbs/hour	TPY (4)
UTBLRG	Utility Boiler G	VOC	3.50	8.73
		NOx	32.64	142.96
		CO	34.27	100.97
		SO2	0.16	0.70
		PM ₁₀	2.03	8.88
		PM _{2.5}	2.03	8.88
UTBLRH	Utility Boiler H	VOC	3.24	7.61
		NOx	28.44	124.57
		CO	31.39	87.98
		SO2	0.14	0.61
		PM ₁₀	1.77	7.73
		PM _{2.5}	1.77	7.73
UTBLRHN and UTBLRHS	Total Emissions from two Package Boilers	VOC	1.02	4.49
		NOx (Routine)	1.90	6.21
		NOx (MSS)	5.06	
		CO	7.02	30.76
		PM	1.42	6.20
		PM ₁₀	1.42	6.20
		PM _{2.5}	1.42	6.20
		SO2	2.79	12.24
		NH ₃	0.85	3.74
NH3FUG	Ammonia Fugitives (5)	NH ₃	0.03	0.12
UTLBLRJ	Utility Boiler J	NOx	5.7	24.97
		VOC	1.1	4.83

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		CO	4.42	19.34
		PM	1.61	6.99
		PM10	1.61	6.99
		PM2.5	1.61	6.99
		NH3	1.94	8.48
		SO2	5.64	20.25
		H2S	<0.01	0.01
	Utility Boiler J MSS	NOx (MSS)	20.90	-
		VOC (MSS)	7.98	-
		CO (MSS)	79.80	-
		PM (MSS)	8.60	-
		PM10 (MSS)	8.60	-
		PM2.5 (MSS)	8.60	-
		NH3 (MSS)	0.96	-
		H2S	<0.01	-
UTLBLRK	Utility Boiler K	NOx	5.7	24.97
		VOC	1.1	4.83
		CO	4.42	19.34
		PM	1.61	6.99
		PM10	1.61	6.99
		PM2.5	1.61	6.99
		NH3	1.94	8.48
		SO2	5.64	20.25
		H2S	<0.01	0.01
	Utility Boiler K MSS	NOx (MSS)	20.90	-
		VOC (MSS)	7.98	-
		CO (MSS)	79.80	-
		PM (MSS)	8.60	-
		PM10 (MSS)	8.60	-

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UTLBRFUG	Utility Boiler Fugitives	PM2.5 (MSS)	8.60	-
		NH3 (MSS)	0.96	-
		H2S	<0.01	-
		VOC	0.04	0.08
		CO	0.01	0.01
		NH3	0.13	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) VOC
 - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- NO_x
 - total oxides of nitrogen
- CO
 - carbon monoxide
- SO₂
 - sulfur dioxide
- PM
 - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
- PM₁₀
 - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
- PM_{2.5}
 - particulate matter equal to or less than 2.5 microns in diameter
- NH₃
 - ammonia
- H₂S
 - hydrogen sulfide
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) All emission limits of this permit pertaining to Boilers G, H, and package boilers (EPNs UTBLRG, UTBLRH, UTBLRHN, UTBLRHS and NH3FUG) shall be in effect until its shutdown. All conditions and MAERT limits pertaining to Boilers J and K (EPNs UTBLRJ, UTBLRK and UTLBRFUG) shall take effect immediately upon its construction.

Date: _____ TBD