

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 53451

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**
INCEN-1	Incinerator	NO _x	3.33	-
		CO	0.67	-
		VOC	0.01	-
		SO ₂	1.6	-
		PM	1.91	-
		HCl	2.02	-
		Pb	0.006	-
INCEN-1	Incinerator without O ₂ and CO CEMS (4) (6)	NO _x	-	1.5
		CO	-	0.3
		VOC	-	0.01
		SO ₂	-	0.4
		PM	-	0.8
		HCl	-	0.9
		Pb	-	0.01
INCEN-1	Incinerator with O ₂ and CO CEMS (5) (6)	NO _x	-	6.0
		CO	-	1.2
		VOC	-	0.01
		SO ₂	-	1.6
		PM	-	3.44
		HCl	-	3.64
		Pb	-	0.01
BLR-1	Comfort Heating Boiler (7) 65-HP	NO _x	0.17	0.75
		CO	0.29	1.26
		VOC	0.02	0.12
		SO ₂	0.01	0.01
		PM ₁₀	0.03	0.11

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY**
BLR-2	Process Steam Boiler (4) 100-HP	NO _x	0.26	0.47
		CO	0.43	0.79
		VOC	0.03	0.05
		SO ₂	0.01	0.01
		PM ₁₀	0.04	0.07
GEN-1	Emergency Generator (8) 125 kW	NO _x	5.19	0.63
		CO	1.12	0.14
		VOC	0.42	0.05
		SO ₂	0.34	0.04
		PM ₁₀	0.39	0.04

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names.
- (3) NO_x - total oxides of nitrogen
CO - carbon monoxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
SO₂ - sulfur dioxide
Hcl - hydrogen chloride
Pb - lead
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.
- (4) INCN-1 without CEMS and BLR-2 are limited to 876 hours of operation per year.
- (5) INCN-1 with CEMS is authorized to operate 3,600 hours of operation per year.
- (6) CEMS applicability is specified in Special Condition Nos. 24 and 25.
- (7) BLR-1 is authorized to operate 8,760 hours per year.
- (8) GEN-1 is limited to a maximum of 240 hours per year.

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

Dated _____