

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 9828

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 **
E-1	Scrubber No. 1 (6,500 CFM)	VOC	28.23	0.37
		PM ₁₀	0.04	0.02
		HCl 0.21	0.01	
		Other Inorganics	0.01	0.01
EPRV1	EP Room Roof Vent 1	VOC	29.64	0.21
		PM ₁₀ 0.01	0.01	
		HCl 21.63	0.15	
		Other Inorganics	0.01	0.01
EPRV2	EP Room Roof Vent 2	VOC	31.62	0.23
		PM ₁₀ 0.01	0.01	
		HCl 23.08	0.16	
		Other Inorganics	0.01	0.01
EPRV3	New EP Room Roof Vent 3	VOC	23.72	0.17
		PM ₁₀ 0.01	0.01	
		HCl 17.31	0.12	
		Other Inorganics	0.01	0.01
EPRV4	New EP Room Roof Vent 4	VOC	23.72	0.17
		PM ₁₀ 0.01	0.01	
		HCl 17.31	0.12	
		Other Inorganics	0.01	0.01
EPRV5	New EP Room Roof Vent 5	VOC	23.72	0.17
		PM ₁₀ 0.01	0.01	
		HCl 17.31	0.12	
		Other Inorganics	0.01	0.01

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY **
EPWV	EP Room Wall Vent	VOC	31.62	0.23
		PM ₁₀ 0.01	0.01	
		HCl 23.08	0.16	
		Other Inorganics	0.01	0.01
E-2	Scrubber No. 2 Exhaust (6,500 CFM)	VOC	1.72	0.12
		PM ₁₀	0.04	0.02
		HCl 0.01	0.01	
		Other Inorganics	0.01	0.01
E-3	Boiler Exhaust Stack	VOC	0.04	0.19
		PM ₁₀ 0.06	0.27	
		NOx 0.40	1.75	
		CO 0.67	2.95	
		SO ₂ 0.12	0.53	
ISRV1	In-Situ Room Roof Vent 1	VOC	0.85	0.11
		PM ₁₀ 0.01	0.01	
		HCl 0.62	0.08	
		Other Inorganics	0.01	0.01
ISRV2	In-Situ Room Roof Vent 2	VOC	0.85	0.11
		PM ₁₀ 0.01	0.01	
		HCl 0.62	0.08	
		Other Inorganics	0.01	0.01
ISRV3	In-Situ Room Roof Vent 3	VOC	0.85	0.11
		PM ₁₀ 0.01	0.01	
		HCl 0.62	0.08	
		Other Inorganics	0.01	0.01
ISRV4	In-Situ Room Roof Vent 4	VOC	0.85	0.11
		PM ₁₀ 0.01	0.01	
		HCl 0.62	0.08	
		Other Inorganics	0.01	0.01
ISWV1	In-Situ Room Wall Vent 1	VOC	0.85	0.11

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		PM ₁₀	0.01	0.01	
		HCl	0.62	0.08	
		Other Inorganics	0.01	0.01	
ISWV2	In-Situ Room Wall Vent 2	VOC	0.85	0.11	
		PM ₁₀	0.01	0.01	
		HCl	0.62	0.08	
		Other Inorganics	0.01	0.01	
WHRV1	Warehouse Roof Vent 1	VOC	0.43	0.01	
		HCl	0.32	0.01	
		Other Inorganics	0.01	0.01	
WHRV2	Warehouse Roof Vent 2	VOC	0.43	0.01	
		HCl	0.32	0.01	
		Other Inorganics	0.01	0.01	
WHRV3	Warehouse Roof Vent 3	VOC	0.43	0.01	
		HCl	0.32	0.01	
		Other Inorganics	0.01	0.01	
WHRV4	Warehouse Roof Vent 4	VOC	0.43	0.01	
		HCl	0.32	0.01	
		Other Inorganics	0.01	0.01	
WHRV5	Warehouse Roof Vent 5	VOC	0.43	0.01	
		HCl	0.32	0.01	
		Other Inorganics	0.01	0.01	
WHRV6	Warehouse Roof Vent 6	VOC	0.43	0.01	
		HCl	0.32	0.01	
		Other Inorganics	0.01	0.01	
WHWV	Warehouse Wall Vent	VOC	11.70	0.05	
		HCl	8.54	0.04	
		Other Inorganics	0.01	0.01	
WHWF	Warehouse Wall Fan	VOC	11.70	0.05	

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		HCl	8.54	0.04	
		Other Inorganics	0.01	0.01	
POF-FUG	POF Area Tank Fugitives	VOC	75.71	0.33	
		HCl	55.27	0.24	
		Other Inorganics	0.01	0.01	
TLD1-FUG	Truck Loading Area 1 Fugitives	VOC	142.17	0.53	
		HCl	103.78	0.39	
		Other Inorganics	0.01	0.01	
TLD2-FUG	Truck Loading Area 2 Fugitives	VOC	60.83	0.53	
		HCl	44.41	0.39	
		Other Inorganics	0.01	0.01	
TWA-FUG	Truck washing Area Fugitives	VOC	28.31	0.93	
		HCl	20.67	0.68	
		Other Inorganics	0.01	0.01	
T-0926	Storage Tank T-0926	VOC	0.02	0.01	
T-0927	Storage Tank T-0927	VOC	0.02	0.01	
T-0930	Storage Tank T-0930	VOC	0.01	0.01	
T-0937	Storage Tank T-0937	VOC	0.98	0.05	
T-0938	Storage Tank T-0938	VOC	0.98	0.05	
T-0944	Storage Tank T-0944	VOC	4.46	0.46	
T-0945	Storage Tank T-0945	VOC	0.63	0.04	
T-0946	Storage Tank T-0946	VOC	0.24	0.01	
T-0947	Storage Tank T-0947	VOC	0.01	0.01	
T-0963	Storage Tank T-0963	VOC	1.33	0.09	
T-09111	Storage Tank 09111	VOC	0.88	0.02	
T-09126	Storage Tank 09126	VOC	0.95	0.06	

T-09156	Storage Tank 09156	VOC	1.03	0.02
T-09157	Storage Tank 09157	VOC	0.99	0.17
T-09158	Storage Tank 09158	VOC	1.00	0.04
T-09203	Storage Tank 09203	VOC	0.55	0.04
T-09216	Storage Tank 09216	VOC	2.18	0.23
T-09218	Storage Tank 09218	VOC	0.03	0.01
T-09220	Storage Tank 09220	VOC	0.01	0.01
T-09221	Storage Tank 09221	VOC	1.48	0.10
T-09222	Storage Tank 09222	VOC	0.01	0.01
T-Diesel	Diesel Storage Tank	VOC	0.17	0.02
CMP-FUG	Component Fugitives	VOC	0.62	2.73
CT-1	Cooling Tower	PM ₁₀	0.68	3.00
EE-1	Emergency Engine	NOx	8.22	3.60
		CO	1.77	0.78
		VOC		0.67
		0.29		
		PM ₁₀		0.58
		0.26		
		SO ₂	0.54	0.24
HB-1	Hot Box 1 Exhaust Stack	VOC	0.16	0.12
HB-2	Hot Box 2 Exhaust Stack	VOC	0.16	0.12
HB-3	Hot Box 3 Exhaust Stack	VOC	0.16	0.12

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LAB	Lab Hood Exhaust Stack	VOC		0.01
		0.02		
		HCl	0.01	0.01
		Inorganics	0.01	0.01

- (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 particulate matter greater than 10 microns is emitted.
- CO - carbon monoxide
- Other Inorganics - Ammonium chloride, phosphoric acid, phosphonic acid, sodium phosphate and sulfuric acid
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

** Emission rates are based on and the facilities are limited by the following maximum operating schedule:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Dated _____