

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 38972

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	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	<u>lb/hr</u>	
TPY**				
T0-101	Thermal Oxidizer (5)	VOC	1.92	
		NO _x	222.00	
		CO	3.40	
		SO ₂	200.00	
		PM ₁₀	0.48	
		HCl	17.40	
		HF	1.13	
		Hg	0.06	
		Pb	0.28	
		IOC-U	0.17	
T0-102	Thermal Oxidizer (5)	VOC	1.92	5.0
		NO _x	222.00	232.30
		CO	3.40	14.70
		SO ₂	200.00	239.90
		PM ₁₀	0.48	2.10
		HCl	17.40	10.30
		HF	1.13	4.95
		Hg	0.06	0.26
		Pb	0.28	1.24
		IOC-U	0.17	0.76
B0-101	Boiler	VOC	0.20	0.84
		NO _x	1.76	7.70
		CO	3.00	13.00
		SO ₂	0.03	0.10
		PM ₁₀	0.27	1.17
Fug-101	Waste Sampling	VOC	9.00	6.30

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
Fug-103	Process Piping Fugitives VOC Extraction System (4)		0.66	2.90
Fug-104	Solid Waste Unloading Fugitives 2.70		VOC	5.10
		PM	0.01	< 0.01
		PM ₁₀	< 0.01	< 0.01
		Pb	< 0.01	< 0.01
STOR-101A	Carrier Truck/Container Storage 0.73		VOC	0.67
STOR-101B	Carrier Truck/Container Storage 0.73		VOC	0.67
STOR-101C	Carrier Truck/Container Storage 0.73		VOC	0.67
STOR-101D	Carrier Truck/Container Storage 0.73		VOC	0.67
STOR-101E	Carrier Truck/Container Storage 0.73		VOC	0.67
STOR-101F	Carrier Truck/Container Storage 0.73		VOC	0.67
STOR-101G	Carrier Truck/Container Storage 0.73		VOC	0.67
STOR-101H	Carrier Truck/Container Storage 0.73		VOC	0.67
STOR-101I	Carrier Truck/Container Storage 0.73		VOC	0.67

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
STOR-101J	Carrier Truck/Container Storage 0.73		VOC	0.67
STOR-101K	Carrier Truck/Container Storage 0.73		VOC	0.67
STOR-101L	Carrier Truck/Container Storage 0.73		VOC	0.67
BH-206	Pozzalon Storage Tanks and 0.04 Transfer Baghouse		PM10	0.01
BH-102B	Solidified Waste Screening and 2.60 Sizing Baghouse	Pb	0.35	1.53
Fug 102-1	Process Piping Fugitives VOC Tank Battery (4)		0.22	0.96
Fug 102-2	Process Piping Fugitives VOC Tank Battery (4)		0.22	0.96
Fug 102-3	Process Piping Fugitives VOC Tank Battery (4)		0.22	0.96
Fug 102-4	Process Piping Fugitives VOC Tank Battery (4)		0.22	0.96
Fug 102-5	Process Piping Fugitives VOC Tank Battery (4)		0.22	0.96
Fug 102-6	Process Piping Fugitives VOC Tank Battery (4)		0.22	0.96
Fug 102-7	Process Piping Fugitives VOC Tank Battery (4)		0.22	0.96

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			lb/hr	TPY

- (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 30 Texas Administrative Code Section 101.1
- NO_x - total oxides of nitrogen
- CO - carbon monoxide
- SO₂ - sulfur dioxide
- 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.
- HCl - hydrogen chloride
- HF - hydrogen fluoride
- Hg - mercury
- Pb - lead
- PM - particulate matter, suspended in the atmosphere, including PM₁₀.
- IOC-U - inorganic compounds (unspeciated)
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Only one thermal oxidizer is authorized to operate at any one time. The annual emissions shown for T0-102 represent the cumulative annual emission rate limit for both T0-101 and T0-102.

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

____Hrs/day ____Days/week ____Weeks/year or 8760 Hrs/year

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