

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 53885

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**
FLR	Flare	NO <sub>x</sub>	0.02	0.07
		CO	0.03	0.12
		VOC	30.04	8.12
		Non-VOC Organics	30.04	1.92
		PM	0.01	0.01
		SO <sub>2</sub>	0.01	0.01
		HCl	0.01	0.01
		NH <sub>3</sub>	1.14	0.03
		Other Inorganics	0.04	0.01
BIO/SCRUB	Biosorption/Scrubber System	VOC	0.21	0.69
		Inorganics	0.05	0.01
SCRUB	Scrubber	VOC	0.07	0.04
		Inorganics	0.07	0.02
OILWASH	Hot Oil Wash	VOC	1.38	0.76
RCCR	Railcar Cleaning Rack Vent	VOC	5.22	0.15
		Inorganics	0.17	0.02
TRUCK	Truck Loading	VOC	0.80	0.01
BLR	Boiler	NO <sub>x</sub>	0.68	2.99
		CO	1.15	5.03
		VOC	0.08	0.33
		PM	0.10	0.45
		SO <sub>2</sub>	0.01	0.04
HTRS	Hot Oil Heaters	NO <sub>x</sub>	0.30	1.30
		CO	0.50	2.18
		VOC	0.03	0.14
		PM	0.04	0.20
		SO <sub>2</sub>	0.01	0.02

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
DFO-T-101	Fresh Diesel Storage Tank	VOC	0.01	0.03
DFO-T-102	Spent Diesel Storage Tank	VOC	0.01	0.02
DFO-T-103	Diesel Fuel Recycle Tank	VOC	0.01	0.05
DFO-T-104	Diesel Scrubber Tank	VOC	0.01	0.01
WTS-T-101	Wastewater Pretreatment	VOC	0.17	0.73
WTS-T-102	Wastewater Pretreatment	VOC	0.17	0.73
WTS-T-103	Wastewater Pretreatment	VOC	0.17	0.73
WTS-T-104	Wastewater Pretreatment	VOC	0.04	0.18

- (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<sub>x</sub> - total oxides of nitrogen
- SO<sub>2</sub> - sulfur dioxide
- PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>.
- PM<sub>10</sub> - 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
- NH<sub>3</sub> - ammonia
- HCl - hydrogen chloride

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

\_\_\_\_\_Hrs/day \_\_\_Days/week \_\_\_Weeks/year or 8,760 Hrs/year

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

Dated \_\_\_\_\_