

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 535

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**
DGRMTSHOP	Solvent Degreasing	VOC	0.73	0.33
FS-803	Firewater Diesel	CO	1.70	0.04
		NO <sub>x</sub>	7.91	0.21
		PM <sub>10</sub>	0.56	0.01
		SO <sub>2</sub>	0.52	0.01
		VOC 0.63	0.02	
FS-POND	Brine Pond (Maintenance Emissions Only)	VOC	8.43	1.42
FUG W SR	Wastewater Collection	VOC	0.11	0.47
SF-601	Hot Oil Heater	CO	2.47	5.41
		NO <sub>x</sub>	2.94	6.44
		PM <sub>10</sub>	0.22	0.49
		SO <sub>2</sub>	0.12	0.26
		VOC 0.16	0.35	
SF-602	Hot Oil Heater	CO	2.50	5.48
		NO <sub>x</sub>	2.98	6.53
		PM <sub>10</sub>	0.23	0.50
		SO <sub>2</sub> 0.12	0.26	
		VOC 0.16	0.36	
SF-603	Hot Oil Heater	CO	2.47	5.41
		NO <sub>x</sub>	2.94	6.44
		PM <sub>10</sub>	0.22	0.49
		SO <sub>2</sub> 0.12	0.26	
		VOC 0.16	0.35	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
SM-404	Diesel Generator	CO	2.61	0.07
		NO <sub>x</sub>	12.09	0.31
		PM <sub>10</sub>	0.86	0.02
		SO <sub>2</sub>	0.80	0.02
		VOC	0.96	0.03
SM-701	Warm Flare	CO	33.52	3.56
		NO <sub>x</sub>	8.42	1.78
		SO <sub>2</sub>	0.03	0.01
		VOC	22.17	4.48
SM-701A	Cold Flare	CO	11.00	3.18
		NO <sub>x</sub>	2.76	1.59
		SO <sub>2</sub>	0.03	0.01
		VOC	5.63	4.11
SP-101C	Freshwater Diesel	CO	0.66	0.02
		NO <sub>x</sub>	3.07	0.08
		PM <sub>10</sub>	0.22	0.01
		SO <sub>2</sub>	0.20	0.01
		VOC	0.24	0.01
FUG V SR	Valve/Flange/Pump Process Fugitives (4)	VOC	2.09	9.14

(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.

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- (3) CO - carbon monoxide  
NO<sub>x</sub> - total oxides of nitrogen  
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.  
SO<sub>2</sub> - sulfur dioxide  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1.
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

- \* 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

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