

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 84433

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**
CEB-DEGAS	barge degassing to vapor combustor	VOC	1.31	5.20
		NO <sub>x</sub>	0.51	0.41
		CO	0.43	0.34
		SO <sub>2</sub>	0.11	0.09
		PM <sub>10</sub>	0.06	0.05
CPFLARE	barge degassing to flare, truck loading, tank S-1(5)	VOC	287.44	12.02
		NO <sub>x</sub>	3.40	2.56
		CO	29.13	21.94
		SO <sub>2</sub>	0.04	0.18
		Acetone	156.59	0.63
ATM	barge degassing to atmosphere	VOC	281.36	15.14
Truck		VOC	3.27	0.01
GASTKS	Truck Loading	VOC	0.98	0.02
Diesel 1	blended fuel tank	VOC	0.17	0.03
Diesel 2	diesel tank 1	VOC	0.17	0.03
Diesel 3	diesel tank 2	VOC	0.17	0.03
Diesel 4	diesel tank 3	VOC	0.17	0.03
Diesel 5	diesel tank 4	VOC	0.17	0.03
	diesel tank 5	VOC	0.17	0.04

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Diesel 6		VOC	0.17	0.03
	diesel tank 6			
Diesel 7		VOC	0.17	0.03
	diesel tank 7			
Diesel 8		VOC	0.17	0.03
	diesel tank 8			
Diesel 9		VOC	0.17	0.07
	diesel tank 9			
LUBE 1		VOC	0.90	0.01
	lube oil tank 1			
LUBE 2		VOC	0.90	0.01
	lube oil tank 2			
WASTE		VOC	0.90	0.01
	waste oil tank			
USED 2		VOC	0.90	0.01
	used oil tank 2			
USED 3		VOC	0.90	0.02
	used oil tank 3			
CPFUG		VOC	0.31	1.35
	cleaning plant fugitives			
DGFUG	(4)	VOC	0.23	1.03
	degassing plant			
	fugitives(4)			

- (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) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
  - 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<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter
  - CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Up to six month after the issuance of this permit or until the vent lines from Tank S-1 to the flare and Truck to the flare are installed, the allowable VOC emissions to the atmosphere for Tank S-1 and Truck Loading is 15.76 lbs/hr and 0.1 tons per year. After the six month period these emissions must be routed to EPN: CPFLARE.

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- \* 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 8760 Hrs/year

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

Dated December 11, 2008