

## Emission Sources - Maximum Allowable Emission Rates

Permit Number 50638

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, sources, and related activities. 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	
			lbs/hour	TPY (4)
ENG-1	CAT 3516LE TA-130 Engine (1265 hp)	CO	8.37	36.65
		NO <sub>x</sub>	5.58	24.43
		PM <sub>10</sub>	0.1	0.42
		SO <sub>2</sub>	0.01	0.03
		VOC	2.79	12.22
ENG-2	CAT 3516LE TA-130 Engine (1265 hp)	CO	8.37	36.65
		NO <sub>x</sub>	5.58	24.43
		PM <sub>10</sub>	0.1	0.42
		SO <sub>2</sub>	0.01	0.03
		VOC	2.79	12.22
TANK-1	Produced Water Tank	VOC	0.02	0.01
TANK-2	Oil/Water Tank	VOC	0.02	0.01
TANK-3	Used Oil Tank	VOC	0.02	0.01
TANK-4	Lube Oil Tank	VOC	0.02	0.01
TANK-5	Lube Oil Tank	VOC	0.02	0.01
AST-2	Methanol Tank	VOC	1.78	0.05
AST-8	Methanol Tank	VOC	2.59	0.02
AST-10	Methanol Tank	VOC	1.93	0.01
AST-11	Methanol Tank	VOC	1.93	0.01
AST-12	Methanol Tank	VOC	1.93	0.01

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AST-14	Methanol Tank	VOC	2.09	0.01
LOAD-1	Produced Water Loadout	VOC	0.26	0.01
FUG-1 (5)	Fugitives	VOC	0.92	4.02
SKID-VENT	Blowdown Vent	VOC	36.33	1.09
<b>Permit by rule (PBR) sources incorporated by reference. Sources remain authorized by the PBR(s) as listed below:</b>				
PBR Registration 79216				
ENG-3	CAT 3516LE TA-130 Engine (1085 hp)	VOC	2.39	10.48
		NO <sub>x</sub>	4.78	20.95
		CO	4.78	20.95
		SO <sub>2</sub>	0.01	0.02
		PM <sub>10</sub>	0.08	0.35

- (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) 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> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented
  - CO - carbon monoxide
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: September 24, 2012