

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 91346

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)	<u>Emission Rates *</u>	
			lb/hr	TPY**
011	10,000-Gallon Antifreeze Storage Tank	VOC	0.03	0.01
012	100 Neutral Oil Storage Tanks	VOC	0.01	0.01
013	10,000-Gallon Vertical AST Blending Tank	VOC	24.38	0.33
014	10,000-Gallon Vertical AST Blending Tank	VOC	24.38	0.35
021	10,000-Gallon K-1 Dyed Storage Tank 2	VOC	0.26	0.01
022	10,000-Gallon K-1 Dyed Storage Tank 1	VOC	0.26	0.01
023	20,000-Gallon Methanol Storage Tank	VOC	13.70	0.10
031	10,000-Gallon Toluene Storage Tank	VOC	3.27	0.08
032	10,000-Gallon 100 Neutral Oil Storage Tank	VOC	0.01	0.01
033	10,000-Gallon Toluene/Hexane Stream Storage Tank	VOC	5.17	0.092

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

034	10,000-Gallon Methanol Storage Tank	VOC	11.11	0.05
041	10,000-Gallon Mineral Spirits Storage Tank	VOC	0.21	0.01
042	10,000-Gallon High Sulfur Diesel Storage Tank	VOC	0.61	0.01
043	10,000-Gallon Acetone Storage Tank	Acetone	30.83	0.20
044	10,000-Gallon Acetone Storage Tank	Acetone	30.83	0.24
051	10,000-Gallon Isopropyl Alcohol Storage Tank	Isopropyl Alcohol	7.54	0.04
052	10,000-Gallon Mineral Spirits Storage Tank	VOC	0.21	0.01
053	6,667-Gallon Naphthenic Base Oil Storage Tank	VOC	0.01	0.01
054	6,667-Gallon Propylene Glycol Storage Tank	VOC	0.01	0.01
055	6,667-Gallon Heptane Storage Tank	VOC	7.20	0.01
061	10,000-Gallon Solvent Storage Tank	VOC	0.21	0.01
063	6,667-Gallon n-Propyl	VOC	1.74	0.01

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

	Alcohol Storage Tank			
064	6,667-Gallon Naphthenic Base Oil Storage Tank	VOC	0.01	0.01
065	6,667-Gallon Naphthenic Base Oil Storage Tank	VOC	0.01	0.01
071	10,000-Gallon Xylene Storage Tank	VOC	1.81	0.01
072	10,000-Gallon Methyl Ethyl Ketone Storage Tank	VOC	18.01	0.05
073	6,667-Gallon Methyl Isobutyl Ketone Storage Tank	VOC	2.68	0.01
074	6,667-Gallon 150 Solvent Storage Tank	VOC	10.37	0.02
075	6,667-Gallon SOLTROL 130 Storage Tank	VOC	10.37	0.04
081	6,667-Gallon Mineral Seal Oil Storage Tank	VOC	0.01	0.01
082	6,667-Gallon Lacquer Diluent Storage Tank	VOC	7.08	0.10
083	6,667-Gallon Lacquer Thinner Storage Tank	VOC	6.90	0.02
084	6,667-Gallon Naphthenic Base Oil Storage Tank	VOC	0.01	0.01
085	6,667-Gallon Methylene	Inorganic	50.54	0.31

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

	Chloride Storage Tank			
086	6,667-Gallon Methylene Chloride Storage Tank	Inorganic	50.54	0.23
091	6,667-Gallon Solvent Storage Tank	VOC	10.37	0.02
092	6,667-Gallon Hexane Storage Tank	VOC	18.10	0.51
093	6,667-Gallon Methyl Ethyl Ketone Storage Tank	VOC	9.00	0.04
094	6,667-Gallon Naphthenic Base Oil Storage Tank	VOC	0.01	0.01
095	6,667-Gallon Naphthenic Base Oil Storage Tank	VOC	0.01	0.01
096	6,667-Gallon Naphthenic Base Oil Storage Tank	VOC	0.01	0.01
101	6,667-Gallon Glycol Ether EB Storage Tank	VOC	5.61	0.02
102	6,667-Gallon Aromatic Solvent Storage Tank	VOC	3.63	0.01
103	6,667-Gallon Ethanol Storage Tank	VOC	3.82	0.01
104	6,667-Gallon Solvent Storage Tank	VOC	10.37	0.02
105	6,667-Gallon Naphthenic	VOC	0.01	0.01

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

	Base Oil Storage Tank			
106	6,667-Gallon Ethanol Storage Tank	VOC	3.82	0.01
111	6,667-Gallon K-1 Undyed Storage Tank	VOC	0.13	0.01
112	6,667-Gallon Naphtha Spirits Storage Tank	VOC	0.10	0.01
113	6,667-Gallon Tetrachloro-ethylene Storage Tank	VOC	4.20	0.02
114	6,667-Gallon Diesel Storage Tank	VOC	0.10	0.01
121	6,667-Gallon Naphthenic Base Oil Storage Tank	VOC	0.01	0.01
122	6,667-Gallon Naphthenic Base Oil Storage Tank	VOC	10.37	0.02
123	6,667-Gallon Naphthenic Base Oil Storage Tank	VOC	0.01	0.01
131	5,000-Gallon Naphthenic Base Oil Storage Tank	VOC	0.01	0.01
132	5,000-Gallon Naphthenic Base Oil Storage Tank	VOC	0.01	0.01
141	5,000-Gallon Naphthenic Base Oil Storage Tank	VOC	0.01	0.01
142	5,000-Gallon Naphthenic Base Oil Storage Tank	VOC	0.01	0.01

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

151	5,000-Gallon Naphthenic Base Oil Storage Tank	VOC	0.01	0.01
152	5,000-Gallon Naphthenic Base Oil Storage Tank	VOC	0.01	0.01
161	5,000-Gallon Diesel Storage Tank	VOC	0.10	0.01
162	5,000-Gallon Naphthenic Base Oil Storage Tank	VOC	0.01	0.01
FUG-1	Storage Tank Fugitives	VOC (4)	0.34	1.50
FUG-2	Filling Area Fugitives	VOC (4)	0.19	0.50
FUG-3	Loading Rack Fugitives	VOC (4)	0.14	0.01
	Sitewide HAP	Single (5)		<10.00
		Total (5)		<25.00

- (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  
HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) The sitewide allowable emissions of HAPs will be less than 10 tons per year (tpy) for any one HAP and less than 25 tpy for all HAPs. Compliance with these allowables is demonstrated by meeting the requirements of applicable special conditions and permit application representations.

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

8 hrs/day 5 days/week 2,080 hrs/year

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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

Dated June 30, 2010