

## Emission Sources - Maximum Allowable Emission Rates

Permit Number 35648

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 (6)	
			lbs/hour	TPY (4)
TV-1	Benzoflex 50	VOC	0.50	0.01
TV-2	Lactol Tank	VOC	0.08	<0.01
TV-3	Toluene Tank	VOC	0.23	<0.01
TV-5	Acetone Tank No. 1	VOC	0.11	0.01
TV-6	Hexane Tank	VOC	0.10	0.03
TV-7	MEK/TBAC Tank	VOC	0.13	0.02
TV-8	Methyl Acetate/Butyl Benzyl Phthalate Tank	VOC	0.07	0.01
TV-9	Acetone Tank No. 2	VOC	0.11	0.01
EF-7	Boiler	PM	0.01	0.01
		PM <sub>10</sub>	0.01	0.01
		PM <sub>2.5</sub>	0.01	0.01
		SO <sub>2</sub>	<0.01	<0.01
		NO <sub>x</sub>	0.08	0.08
		CO	0.14	0.14
		VOC (5)	0.01	0.01
EF-13	Dust Collector	VOC	0.12	0.57
		PM	0.13	0.48
		PM <sub>10</sub>	0.13	0.48
		PM <sub>2.5</sub>	0.13	0.48

## Emission Sources - Maximum Allowable Emission Rates

EPN-06	Spray Booth Exhaust Fan	VOC	12.21	0.22
		Acetone	1.11	0.02
		PM	0.01	0.01
		PM <sub>10</sub>	0.01	0.01
		PM <sub>2.5</sub>	0.01	0.01
EPN-36	Ventilation Louver	VOC	6.24	20.51
		Acetone	2.12	7.93
		PM	0.01	0.03
		PM <sub>10</sub>	0.01	0.03
		PM <sub>2.5</sub>	0.01	0.03
EPN-38	Containment Room Vent Hood	VOC	3.08	0.06
		Acetone	0.28	0.01
EPN-40	Regenerative Thermal Oxidizer	VOC	2.26	7.12
		Acetone	0.80	3.01
		PM	0.20	0.88
		PM <sub>10</sub>	0.20	0.88
		PM <sub>2.5</sub>	0.20	0.88
		SO <sub>2</sub>	0.05	0.22
		NO <sub>x</sub>	3.00	13.14
		CO	2.60	11.39
		VOC (5)	0.06	0.26
SITEWIDE		Individual HAP		<10.00
		Total HAP		<25.00

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

(2) Specific point source name.

Emission Sources - Maximum Allowable Emission Rates

- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>
- PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>
- PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter
- SO<sub>2</sub> - sulfur dioxide
- NO<sub>x</sub> - total oxides of nitrogen
- CO - carbon monoxide
- 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) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emissions as the result of products of combustion.
- (6) Allowable emission rates include planned maintenance, startup and shutdown activities.

Date: August 26, 2013