

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 35648

This table lists the maximum allowable emission rates for the sources of emissions authorized by this permit.

AIR CONTAMINANTS DATA

Emission Point No. (1) (4)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
TV-1	Rotosolvent Tank	VOC	0.22	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	Acetone	0.11	0.01
TV-6	Hexane Tank	VOC	0.10	0.03
TV-7	MEK Tank	VOC	0.10	<0.01
TV-8	Butyl Benzyl Phthalate Tank	VOC	<0.01	<0.01
TV-9	Acetone Tank No. 2	Acetone	0.11	0.01
EF-7	Boiler	PM	0.01	0.01
		SO ₂	<0.01	<0.01
		NO _x	0.08	0.08
		CO	0.14	0.14
		VOC (5)	0.01	0.01
EF-13	Dust Collector	VOC	0.11	0.53
		PM	0.13	0.48
EPN-06	Spray Booth Exhaust Fan	VOC	9.99	0.18
		Acetone	1.11	0.02
		PM	0.01	
EPN-36	Ventilation Louver	VOC	2.78	10.37
		Acetone	2.12	7.93
		PM	0.01	0.03

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(4)				
EPN-38	Containment Room Vent Hood	VOC	2.52	0.05
		Acetone	0.28	0.01
EPN-40	Regenerative Thermal Oxidizer	VOC	0.97	3.65
		Acetone	0.80	3.01
		PM	0.20	
		SO ₂	0.05	0.22
		NO _x	3.00	13.14
		CO	2.60	11.39
		VOC (5)	0.06	0.26
SITEWIDE		Individual HAP		<10.00
		All HAPs		<25.00

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

(2) Specific point source name.

(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

NO_x - total oxides of nitrogen

CO - carbon monoxide

SO₂ - sulfur dioxide

PM - particulate matter, suspended in the atmosphere, including PM₁₀.

PM₁₀ - 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.

HAP - any air contaminant (pollutant) listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C.

(4) Annual emission rates are for each rolling consecutive 12-month period.

(5) Combustion emissions.

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Dated April 26, 2005