

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 2613

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	ton/yr
DECANT	Storage Tank	PCE	<0.01	<0.01
DLWSH	Washer Vent	PCE	0.30	0.45
DPSEP	Separator Vent	PCE	0.27	0.40
E-1	Boiler (9 MMBtu/hr heat input)	CO	0.18	0.79
		NO <sub>x</sub>	0.90	3.94
		PM <sub>10</sub>	0.04	0.18
		SO <sub>2</sub>	<0.01	0.02
		VOC	0.05	0.21
E-3	Boiler (9 MMBtu/hr heat input)	CO	0.18	0.79
		NO <sub>x</sub>	0.90	3.94
		PM <sub>10</sub>	0.04	0.18
		SO <sub>2</sub>	<0.01	0.02
		VOC	0.05	0.21
FVAC	Vacuum Vent	VOC	0.99	4.37
FVENT	Ventilation Vent	VOC	1.70	2.52
GCLL	Mixed Paint Solvent Process	VOC	0.68	0.41
ICLL	Immersion Cleaner Process	VOC	0.10	0.04
ICP	Immersion Cleaner (300 Gals/Hr)	VOC	0.06	0.04

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates*</u>	
			lb/hr	ton/yr
L-3	Flare	CO	2.48	<0.01
		NO <sub>x</sub>	1.24	<0.01
		VOC	0.90	0.72
MSP	Mineral Spirits (500 Gals/Hr)	VOC	0.10	0.04
PFVAC	Vacuum Vent	VOC	0.74	3.24
PGVENT	Ventilation Vent	VOC	1.26	1.48
PLEP	Perchloroethylene (500 Gals/Hr)	PCE	0.59	0.27
SKHST	Skip Hoist Vent	PCE	0.42	0.64
ST-1	Evaporator	VOC	3.09	1.02
ST-2	Evaporator	VOC	3.09	1.02
STHRM	Evaporator Vent	PCE	0.15	0.22
T-7	Storage Tank	PCE	4.41	0.08
T-8	Storage Tank	PCE	4.41	0.08
T-9	Storage Tank	VOC	14.31	1.00
T-12	Storage Tank	VOC	12.58	3.41
T-13	Storage Tank	VOC	0.44	0.05
T-14	Storage Tank	VOC	0.44	0.05
T-15	Storage Tank	VOC	0.56	0.05

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	lb/hr	<u>Emission Rates*</u> ton/yr
T-17	Storage Tank	VOC	12.61	2.38
T-18	Storage Tank	VOC	12.61	2.38
T-19	Storage Tank	PCE	4.41	0.04
T-22	Storage Tank	VOC	0.98	0.05
T-23	Storage Tank	VOC	0.98	0.10
T-24	Storage Tank	VOC	0.98	0.10
T-25	Storage Tank	VOC	0.98	0.10
T-27	Storage Tank	VOC	0.98	0.10
T-28	Storage Tank	VOC	0.98	0.10
T-29	Storage Tank	VOC	0.98	0.10
T-30	Storage Tank	VOC	0.98	0.10
T-32	Storage Tank	VOC	0.98	0.10
T-33	Storage Tank	VOC	0.98	0.10
T-34	Storage Tank	VOC	0.98	0.10
T-35	Storage Tank	PCE	0.98	0.10
T-48	Storage Tank	VOC	28.73	3.67
T-49	Storage Tank	VOC	28.73	3.67
T-50	Storage Tank	VOC	28.73	3.67

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	lb/hr	<u>Emission Rates*</u> ton/yr
T-51	Storage Tank	VOC	28.73	3.67
T-60	Storage Tank	VOC	19.57	0.37
T-61	Storage Tank	VOC	0.97	<0.01
T-62	Storage Tank	VOC	19.57	0.37
T-63	Storage Tank	VOC	12.57	3.41
T-64	Storage Tank	VOC	15.97	0.37
T-65	Storage Tank	VOC	19.57	0.37
T-66	Storage Tank	VOC	34.45	0.37
T-67	Storage Tank	VOC	12.57	3.41
T-71	Storage Tank	VOC	0.68	0.10
T-72	Storage Tank	VOC	0.68	0.10
T-73	Storage Tank	PCE	0.98	0.11
T-74	Storage Tank	VOC	0.12	<0.01
T-75	Storage Tank	VOC	0.98	0.11
T-76	Storage Tank	VOC	0.98	0.11
T-77	Storage Tank	VOC	0.03	<0.01
T-78	Storage Tank	VOC	0.98	0.11
T-79	Storage Tank	VOC	0.98	0.11

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates*</u>	
			lb/hr	ton/yr
T-80	Storage Tank	VOC	0.10	<0.01
T-81	Storage Tank	VOC	0.98	0.11
T-82	Storage Tank	VOC	0.98	0.11
T-83	Storage Tank	VOC	0.64	0.01
T-84	Storage Tank	VOC	0.68	0.10
T-85	Storage Tank	VOC	0.02	0.80
T-86	Storage Tank	VOC	0.98	0.03
T-87	Storage Tank	VOC	0.98	0.11
T-111	Storage Tank	VOC	0.68	0.09
T-112	Storage Tank	PCE	4.41	0.06
T-113	Storage Tank	VOC	4.41	0.06
TS1	Mineral Spirits Process	VOC	0.91	0.44
TS3	Perchloroethylene Process	PCE	2.58	0.11
TS4	Synthetic Fuel Process	VOC	12.65	6.72
F06	Process Fugitives (4)	VOC	1.21	5.30
TTO1	Thermal Oxidizer (5)	VOC	0.13	0.28
		NO <sub>x</sub>	0.13	0.28
		CO	1.10	2.41
		HCl	3.64	7.95

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## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates*</u>	
			lb/hr	ton/yr
TTO2	Thermal Oxidizer (5)	VOC	0.13	0.28
		NO <sub>x</sub>	0.13	0.28
		CO	1.10	2.41
		HCl	3.64	7.95

(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) CO - carbon monoxide

NO<sub>x</sub> - total oxides of nitrogen

PCE - perchloroethylene

PM<sub>10</sub> - particulate matter less than 10 microns

SO<sub>2</sub> - sulfur dioxide

VOC - volatile organic compounds as defined in General Rule 101.1

HCl - hydrogen chloride

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

(5) Temporary abatement devices authorized to operate 4,380 hours per year.

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

Hrs/day\_\_\_Days/week\_\_\_Weeks/year\_\_\_or Hrs/year 8,760

Dated\_\_\_\_\_