

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 9224A

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>	
			<u>lbs/hr</u>	<u>TPY</u>
EP-40	Methanol Scrubber	VOC	42.01	30.20
		CFC	67.28	47.77
U-832	Methanol Storage	VOC	0.86	0.005
T-100	CFC-Solvent Storage	CFC	15.70	0.33
U-828	Chain Transfer Agent	VOC	0.24	0.02
U-852	Catalyst Material Storage <0.01	VOC		<0.01
U-802	Catalyst Mix Tank	CFC	0.01	<0.01
		VOC	<0.01	<0.01
U-804	Catalyst Mix Tank	CFC	0.01	<0.01
		VOC	<0.01	<0.01
U-805	Catalyst Separators	CFC	<0.01	<0.01
		VOC	<0.01	<0.01
U-806	Catalyst Separators	CFC	<0.01	<0.01
		VOC	<0.01	<0.01
U-905	Catalyst Separators	CFC	<0.01	<0.01
		VOC	<0.01	<0.01
U-807	Catalyst Separators	CFC	<0.01	<0.01
		VOC	<0.01	<0.01

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			lbs/hr	TPY
U-1872	Centrifuge Effluent Holding Tank	VOC	0.05	<0.01
		CFC	0.01	0.08
U-1873	Centrifuge Effluent Holding Tank	VOC	0.05	<0.01
		CFC	0.01	0.08
U-1874	Centrifuge Effluent Holding Tank	VOC	0.05	<0.01
		CFC	0.01	0.08
EP-60	Reactor Vents	VOC	5.00	5.25
		CFC	0.50	0.52
EP-43	Transport Dust Collector 0.04		PM	0.03
EP-51	Transport Vent	PM	<0.01	<0.01
EP-52	Transport Vent	PM	0.18	0.07
EP-53	Transport Vent	PM	0.16	0.17
EP-54	Transport Vent	PM	0.16	0.17
U-1807	Equalization Tanks	VOC	<0.01	0.03
		CFC	<0.01	<0.01
U-1808	Equalization Tanks	VOC	<0.01	0.03
		CFC	<0.01	<0.01
U-1820	Reflux Tank	VOC	<0.01	<0.01
U-1823	Overhead Storage	VOC	0.10	0.42
		CFC	<0.01	<0.01
U-1825	Stripper Wastewater Tank	VOC		<0.01

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			lbs/hr	TPY
	0.01			
U-1826	Stripper Wastewater Tank 0.01	VOC		<0.01
U-838	Aqueous Waste Storage Tanks (U-890 and U-891) <0.01	VOC	0.16	0.03
		CFC		0.04
F-1	Monomer Recovery Flare	VOC	0.78	2.28
		NO _x	0.19	0.54
		CO	0.12	0.34
		HCl	<0.01	<0.01
		HF	<0.01	<0.01
BS-1	Boiler Stack	NO _x	0.68	2.99
		CO	0.53	2.31
BS-2	Boiler Stack	NO _x	0.68	2.99
		CO	0.53	2.31
G-1	Emergency Generator	NO _x	18.8	0.4
		CO	4.1	0.1
		VOC	1.8	<0.1
		SO ₂	1.2	<0.1
		PM	1.3	<0.1
U-834	Brine Storage Tank	VOC	0.08	0.01
EP-42	Cleaning Oven	VOC	0.65	0.22
EP-41	Extruder Vent	VOC	0.1	0.4
EP-9	Fugitives (4)	VOC	1.60	7.03

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			lbs/hr	TPY
		CFC	1.31	5.72
PT-1	Dust Collector	PM	0.01	0.05
PT-2	Dust Collector	PM	0.01	0.05
PT-3	Dust Collector	PM	0.01	0.05
PT-4	Dust Collector	PM	0.01	0.05
PT-5	Oven	PM	0.01	0.05

(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) VOC - volatile organic compounds as defined in General Rule 101.1

CFC - chlorofluorocarbons

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

NO_x - total oxides of nitrogen

CO - carbon monoxide

HCl - hydrogen chloride

HF - hydrogen fluoride

SO₂ - sulfur dioxide

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

* 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

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			<u>lbs/hr</u>	<u>TPY</u>

Dated _____