

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 20458

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)	Emission Rates	
			lb/hr	TPY
T25	T-25 OMS	VOC	0.17	0.03
T8500	T-8500	VOC	0.01	0.02
T9000	T-9000	VOC	0.01	0.02
T9100	T-9100	VOC	0.01	0.02
T9200	T-9200	VOC	0.01	0.02
T6	T-6	H <sub>2</sub> O <sub>2</sub>	0.06	0.01
T11	T-11	H <sub>2</sub> O <sub>2</sub>	0.06	0.01
T24	T-24	VOC	< 0.01	< 0.01
CC32	CC-32 (5)	VOC	0.01	<0.01
C1	C-1 Vent Scrubber	VOC	0.10	0.01
C1	C-1 Vent Scrubber (6)	VOC	0.11	0.01
C813	C-813 Acid Chloride Vent Scrubber	VOC	0.51	0.05
CT1	Cooling Tower	VOC	<0.001	< 0.001
M2PKG	M-2 Packaging (4)	VOC	0.31	0.86

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
Q8000	M-2 Scrubber	VOC	1.20	5.24
M2SS	M-2 Storage Fugitives South (4)	VOC		0.16
		0.68		
M2SN	M-2 Storage Fugitives North (4)	VOC		0.16
		0.68		
M2RS	M-2 Reactor Room South (4)	VOC		0.24
		1.17		
M2RM	M-2 Reactor Room Middle (4)	VOC		0.24
		1.17		
M2RN	M-2 Reactor Room North	VOC	0.24	1.17
C7000	M-2 Centrifuges	VOC	<0.01	<0.01
T5050	T-5050	NaOH	<0.001	<0.001
T7050	T-7050	Sodium Sulfate	<0.001	<0.001
T7080	T-7080	Sodium Sulfate	<0.001	<0.001
T7500	T-7500	Sodium Sulfate	<0.001	<0.001
T7510	T-7510	Sodium Sulfate	<0.001	<0.001
T5	T-5	Tert-Butyl Hydroperoxide	1.07	0.53
T9	T-9	KOH	<0.01	<0.01
T10	T-10	NaOH	<0.01	<0.01

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T39	T-39	Cumene Hydroperoxide	0.12	0.02
T130	T-130	t-Amyl Hydroperoxide 0.02		0.06
T150	T-150	Butyl Benzyl Phthalate <0.001		<0.001
T9500	T-9500	Ethylene Glycol	<0.001	<0.001

- (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  
KOH - potassium hydroxide  
H<sub>2</sub>O<sub>2</sub> - hydrogen peroxide  
NaOH - sodium hydroxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Emissions from the carbon canisters prior to routing Tank 32 to Emission Point No. (EPN) C1.
- (6) Emissions after Tank 32 is removed from the Carbon Adsorption Unit (EPN CC32) and re-routed to the C-1 Vent Scrubber.

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

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

Dated \_\_\_\_\_