

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 8639A

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
EG2REGEN	Regenerator Vent	VOC	13.00	41.28
B1	Boiler No. 1	NO <sub>x</sub>	11.90	52.00
		CO	30.50	133.00
		VOC	0.17	0.74
		PM	0.49	2.20
		SO <sub>2</sub>	1.37	6.00
B2	Boiler No. 2	NO <sub>x</sub>	11.90	52.00
		CO	30.50	133.00
		VOC	0.17	0.74
		PM	0.49	2.20
		SO <sub>2</sub>	1.37	6.00
B3	Boiler No. 3	NO <sub>x</sub>	11.90	52.00
		CO	30.50	133.00
		VOC	0.17	0.74
		PM	0.49	2.20
		SO <sub>2</sub>	1.37	6.00
INCIN	Incinerator	NO <sub>x</sub>	1.95	8.54
		VOC	1.41	6.18
FLARE	Backup Flare	NO <sub>x</sub>	0.53	2.32
		VOC	1.43	6.26
GIIFE	Glycoll II Fugitives (4)	VOC	2.09	9.16

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			lb/hr	TPY
CT4	Glycol II Cooling Tower	VOC	1.26	5.5
RAILCAR	Rail Car Loading	VOC	0.21	0.20
RACK	Tank Truck Loading Rack	VOC	**	**
SHIP DOCK	Ship Loading	VOC	**	**
DOCK	Barge Loading Dock	VOC	**	**
ER	Waste Water Fugitives	VOC	0.09	0.40
Storage	MEG Tanks	VOC	2.30	0.68
04-07-004	Concentrated Glycol Hotwell 0.06	VOC		0.01
03-07-001	Evaporator Steam Vent	VOC	0.01	0.06
03-07-002	Drying Column Steam Vent	VOC	0.04	0.18
03-07-003	MEG Column Steam Vent	VOC	0.06	0.26

(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

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

PM - particulate matter

CO - carbon monoxide

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

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

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>

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

\*\* The emissions listed for EPN RAILCAR represent total VOC emissions from all 4 loading spots.

\_\_\_\_\_ Hrs/day \_\_\_\_\_ Days/week \_\_\_\_\_  
Weeks/year or 8,760 Hrs/year

Dated \_\_\_\_\_