

## EMISSION SOURCES – MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 8639A

**[436595] Draft!**

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, sources, and related activities. 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	
			lbs/hour	TPY (4)
EG2REGEN	Regenerator Vent	VOC	13.00	41.28
GIIFE	Glycol II Fugitives (5)	VOC	2.09	9.16
CT4	Glycol II Cooling Tower	VOC	1.26	5.52
RAILCAR	Railcar Loading	VOC	0.62 (6)	0.20 (6)
RACK	Tank Truck Loading Rack	VOC	--	--
SHIP DOCK	Ship Loading	VOC	--	--
DOCK	Barge Loading Dock	VOC	--	--
ER	Wastewater Fugitives	VOC	0.09	0.40
Storage	MEG Tanks	VOC	2.28	0.68
04-07-004	Concentrated Glycol Hotwell	VOC	0.01	0.06
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
CATALYST	Planned MSS Catalyst Handling (7)	PM10	2.06	1.16
FRACTANK	Planned MSS Frac Tank (7)	VOC	0.06	0.01
INSTRUMENT	Planned MSS Instrument Clearing (7)	VOC	0.01	0.01
MSS (7)	Planned MSS Activities (7)	VOC	150.46	0.59
VT-LOAD	Planned MSS Vacuum Truck Loading (7)	VOC	0.68	0.01
VT-UNLOAD	Planned MSS Vacuum Truck Unloading (7)	VOC	0.20	0.01

- (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) PM - particulate matter  
PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

Emission Sources – Maximum Allowable Emission Rates

- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) The operator may allocate the emission rates of emissions point number (EPN) RAILCAR among (EPNs) RAILCAR, RACK, SHIP DOCK, and DOCK.
- (7) Maintenance, startup, and shutdown.

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

Hrs/day 24 Days/week 7 Weeks/year 52

Date: \_\_\_\_\_