

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 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	CO	30.50	133.00
		NO _x	11.90	52.00
		PM ₁₀	0.75	3.30
		SO ₂	1.37	6.00
		VOC	0.54	2.38
B2	Boiler No. 2	CO	30.50	133.00
		NO _x	11.90	52.00
		PM ₁₀	0.75	3.30
		SO ₂	1.37	6.00
		VOC	0.54	2.38
B3	Boiler No. 3	CO	30.50	133.00
		NO _x	11.90	52.00
		PM ₁₀	0.75	3.30
		SO ₂	1.37	6.00
		VOC	0.54	2.38
INCIN	Incinerator	CO	0.02	0.10
		NO _x	1.95	8.54
		VOC	1.97	8.65
FLARE	Backup Flare	CO	16.94	74.20
		NO _x	3.33	14.60
		VOC	6.58	28.80
GIIFE	Glycol II Fugitives (4)	VOC	2.09	9.16
CT4	Glycol II Cooling Tower	VOC	1.26	5.5
RAILCAR	Railcar Loading	VOC	0.21	0.20

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			lb/hr	TPY**
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	2.30	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

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.

(2) Specific point source names. For fugitive sources use area name or fugitive source name.

(3) CO - carbon monoxide

NO_x - total oxides of nitrogen

PM₁₀ - particulate matter equal to or less than 10 microns in diameter

SO₂ - sulfur dioxide

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

(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 8,760 Hrs/year

** Compliance with annual emission limits is based on a rolling 12-month period.

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

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			<u>lb/hr</u>	<u>TPY**</u>

Dated _____