

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 408C

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
EGEN1	Emergency Generator	VOC	0.31	0.02
		NO <sub>x</sub>	12.0	0.72
		CO	38.0	2.28
RHTR4	Cynara Regeneration Heater	VOC	0.04	0.18
		NO <sub>x</sub>	0.49	2.2
		SO <sub>x</sub>	0.003	0.013
		CO	0.13	0.57
BSTK1	Thermal Oxidizer	VOC	0.006	0.026
		NO <sub>x</sub>	0.33	1.5
		SO <sub>x</sub>	<0.001	0.002
		CO	0.024	0.11
		PM	0.003	0.013
BSTK2	Glycol Reboiler No. 2	VOC	0.005	0.022
		NO <sub>x</sub>	0.13	0.58
		SO <sub>x</sub>	0.001	0.004
		CO	0.027	0.12
BSTK3	Glycol Reboiler No. 3	VOC	0.005	0.022
		NO <sub>x</sub>	0.13	0.58
		SO <sub>x</sub>	0.001	0.004
		CO	0.027	0.12
FUG1 (4)	Fugitive Area 1	VOC	2.2	9.8
FUG2 (4)	Fugitive Area 2	VOC	2.3	10.0

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- (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  
VOC - volatile organic compounds as defined in General Rule 101.1  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>x</sub> - total oxides of sulfur  
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

\* Emission rates from and operation of the Emergency Generator are limited by the following maximum operating schedule:

Hrs/day\_\_\_\_\_Days/week\_\_\_\_\_Weeks/year\_\_\_\_\_or Hrs/year 120

Other emission rates are based on and the other facilities are limited by the following maximum operating schedule:

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

Dated \_\_\_\_\_