

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		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
EGEN1	Emergency Generator			VOC	0.31	0.02
				NO _x	12.0	0.72
				CO	38.0	2.28
RHTR4	Cynara Regeneration Heater			VOC	0.04	0.18
				NO _x	0.49	2.2
				SO _x	0.003	0.013
				CO	0.13	0.57
BSTK1	Thermal Oxidizer			VOC	0.006	0.026
				NO _x	0.33	1.5
				SO _x	<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 _x	0.13	0.58
				SO _x	0.001	0.004
				CO	0.027	0.12
BSTK3	Glycol Reboiler No. 3			VOC	0.005	0.022
				NO _x	0.13	0.58
				SO _x	0.001	0.004
				CO	0.027	0.12
BLR1	Steam Boiler No. 1			VOC	0.25	0.92
				NO _x	97.6	357.03
				SO _x	0.11	0.39
				CO	7.1	25.97
BLR2	Steam Boiler No. 2			VOC	0.25	0.92

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>			
			lb/hr	TPY		
			NO _x	97.6	357.03	
			SO _x	0.11	0.39	
			CO	7.1	25.97	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
BLR3	Steam Boiler No. 3	VOC	0.25	0.98
		NO _x	97.6	380.62
		SO _x	0.11	0.42
		CO	7.1	27.68
BLR4	Steam Boiler No. 4	VOC	0.25	0.98
		NO _x	97.6	380.62
		SO _x	0.11	0.42
		CO	7.1	27.68
FUG1 (4)	Fugitive Area 1	VOC	2.2	9.8
FUG2 (4)	Fugitive Area 2	VOC	2.3	10.0

- (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_x - total oxides of nitrogen
SO_x - 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

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

Dated _____