

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 22069

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		
SLCDU1-1	Charge Heater			SO ₂	0.71	2.53
				NO _x	1.44	6.31
				CO	0.93	3.34
				VOC	0.07	0.27
				PM ₁₀	0.13	0.48
FK33PH	Cooling Tower (5)			VOC	<0.01	<0.01
FLCDU	LCDU Fugitives (4)			VOC	0.30	1.33
SLCDU1-2	Reactor Heater			SO ₂	1.05	3.76
				NO _x	2.14	9.37
				CO	1.39	4.98
				VOC	0.11	0.40
				PM ₁₀	0.20	0.71
ECRU4	CRU4 Flare	Emergency Use Only				

- (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) SO₂ - sulfur dioxide
NO_x - total oxides of nitrogen
CO - carbon monoxide
VOC - volatile organic compounds as defined in General Rule 101.1
PM₁₀ - particulate matter less than 10 microns
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Nominal rate based upon one year of rate sampling data at EPN FK33PH

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

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Hrs/day____Days/week____Weeks/year____or Hrs/year 8,760

Dated_____