

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

6308

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		
110.4	FCCU Feed Preheater			VOC	1.0	4.4
				NOx	49.0	214.6
				SO2	132.0	578.2
				PM	12.0	52.6
				CO	6.0	26.3
111.4	FCCU Flue Gas Scrubber			VOC	20.2	88.3
				NOx	216.0	946.1
				SO2	45.0	196.1
				PM	22.0	96.4
				CO	170.0	745.0
30-141	Gasoline Storage (4)			VOC	1.4	6.1
30-160	Gasoline Storage (4)			VOC	2.1	9.2
26-319	Gasoline Storage (4)			VOC	0.3	1.3
**	Fuel Oil Storage (4)			VOC	0.8	3.5
F-112	Fugitives (5)			VOC	-	57.5
R-34	Cyclohexane Storage Tank (6)			VOC	0.30	0.69
S-21	Cyclohexane Storage Tank (6)			VOC	1.08	0.98

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

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- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) PM - particulate matter
PM10 - particulate matter less than 10 microns
VOC - volatile organic compounds as defined in General Rule 101.1
NOx - total oxides of nitrogen
SO2 - sulfur dioxide
CO - carbon monoxide
- (4) Emission rates represent the incremental increase in emissions from existing sources due to increased throughput. (NOTE - these rates will be corrected with November 1993 submittal.)
- (5) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (6) Change of service for these two tanks - previously in nonene service.
- (7) Flare FL97 added by 1987 nonene amendment - now out of service and removed from MAERT.

** Various tanks. (NOTE - to be designated with November 1993 submittal.)

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

Hrs/day___Days/week___Weeks/year___or Hrs/year 8,760

Revised _____