

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		Emission Rates *	
	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 Tank (4)		VOC		7.93	9.90
26-319	Gasoline Storage Tank (4)		VOC		2.61	6.41
20	Distillate Storage Tank (4)(5)		VOC		2.20	2.38
26	Distillate Storage Tank (4)(5)		VOC		2.20	2.38
R-19	No 6 FO Storage Tank (4)(5)(6)		VOC		0.06	0.05
R-20	No 6 FO Storage Tank (4)(5)(6)		VOC		0.06	0.05
R-34	Cyclohexane Storage Tank		VOC		0.30	0.69
S-21	Cyclohexane Storage Tank		VOC		1.08	0.98
F-112	Fugitives (7)		VOC		13.1	57.5

- (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

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VOC - volatile organic compounds as defined in General Rule 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

CO - carbon monoxide

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- (4) Revised to reflect total authorized emissions (post-FCC Unit start-up).
- (5) Revised - these had been included in "Fuel Oil Storage - Various Tanks."
- (6) No 6 FO - Number 6 Fuel Oil.
- (7) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (8) Tank No. 160 included in Permit No. 18338 and removed from this permit.

* 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

Dated_____