

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 21262

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 *	
			lbs/hr	TPY
FLNFLARE	North Property Flare	CO	4.7	20.4
		NOx	1.0	4.0
		VOC	0.8	2.3
SATSFRN	SATS Gas Plant Furnace (83.33 MMBtu/hr heat input)	CO	3.60	15.80
		NOx	11.80	51.70
		PM10	0.45	2.00
		SOx	2.40	10.50
		VOC	0.13	0.57
SATSFRN	SATS Gas Plant Furnace (126 MMBtu/hr heat input) (5)	CO	5.41	23.68
		NOx	5.67	19.32
		PM10	0.68	2.96
		SOx	3.86	16.92
		VOC	0.19	0.83
TEG317	Storage Tank G-317	VOC	1.1	3.2
TEG354	Storage Tank G-354	VOC	1.4	3.9
TEG361	Storage Tank G-361	VOC	1.3	3.8
TFK303	Storage Tank K-303	VOC	6.2	1.1
TIFRF364	Storage Tank F-364	MTBE	6.1	9.9
		VOC	0.2	0.3
TIFRF365	Storage Tank F-365	MTBE	6.1	9.9
		VOC	0.2	0.3

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TIF366	Storage Tank F-366	MEOH	0.6	0.6
TIF367	Storage Tank F-367	MEOH	0.6	0.6
TIJ320	Storage Tank J-320	VOC	0.7	1.2

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			lbs/hr	TPY	
TISS425	Recycle Tank SS-425		VOC	1.1	1.5
CW15	Cooling Tower No. 15 (4)		VOC	6.2	4.4
FEALKY	Sulfuric Alkylation Unit (4)		VOC	26.2	114.8
FEFUGTHCR	Tanks K-303 and J-320 Process Fugitives (4)		VOC	0.4	1.6
FEGR200	MTBE Storage Tanks and Unloading Fugitives (4)		MTBE	0.3	1.2
FEMTBE	MTBE Unit Area Fugitives (4)		VOC	1.6	6.9
			MEOH	1.0	4.6
			MTBE	0.9	3.8
FEDUBBS	Dubbs Pump Area Fugitives (4)		VOC	3.0	13.2
FESATS	SATS Gas Plant Process Fugitives (4)		VOC	11.40	49.94
TCACIDLOAD	Spent Sulfuric Acid Loading Emissions (4)		VOC	55.0	10.0
WCX330SM	Wastewater Treatment Area Fugitives (4) MTBE Unit		VOC	0.8	2.3
			ACN	1.5	3.9
WCX330SM	Wastewater Treatment Area Fugitives (4) Sulfuric Alkylation Unit		VOC	1.3	2.2

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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) CO - carbon monoxide
NOx - nitrogen oxides
SOx - sulfur oxides
ACN - acetonitrile
MEOH - methanol
MTBE - methyl-tertiary-butyl-ether
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) Emission rate after installation of ultra-low NOx burners.

* 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_____