

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 2244

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	
			lb/hr	TPY
HF-501	Heater H-3401	VOC	0.30	1.30
		NO _x	14.86	65.10
		SO ₂	0.29	1.25
		PM	0.42	1.86
		CO	3.72	16.27
FL-401	Flare M-301	NO _x	0.66	2.89
		CO	3.88	17.00
		VOC	8.56	37.50
ST-501	Tank F-1803	VOC	5.45	2.60
ST-502	Tank F-1804	VOC	5.45	2.60
ST-456	Tank F-1115	VOC	6.83	2.78
LPV-503	Tank F-2014	NH ₃		0.05
LPV-501	Scrubber Stack	Fluoride Ion	0.50	0.25
CT-451/CT-501	Cooling Tower (5)	VOC	0.27	1.18
SP-301	Loading	VOC	5.86	1.07
FU-501	Process Fugitives (4)	VOC	3.99	17.50
		Fluoride Ion	0.30	1.30
FS-501	API Separator	VOC	1.72	7.51

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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) NH_3 - ammonia
CO - carbon monoxide
 NO_x - total oxides of nitrogen
 SO_2 - sulfur dioxide
VOC - volatile organic compounds as defined in General Rule 101.1
PM - particulate matter
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Emissions are those associated with this process unit only. Until the new Cooling Tower CT-501 is built, the unit will use Cooling Tower CT-451 permitted under Permit No. 1176.

* 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

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Dated _____