

Emission Sources - Maximum Allowable Emission Rates

Permit Number 160902

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, sources, and related activities. 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/hour	TPY (4)
SCRUBR	TANK 1002	VOC	<0.01	<0.01
	TANK 1003	VOC	<0.01	<0.01
	TANK 1005	VOC	<0.01	<0.01
	TANK 2001	VOC	<0.01	<0.01
		H ₂ O ₂	<0.01	<0.01
	TANK 2002	VOC	<0.01	<0.01
		H ₂ O ₂	<0.01	<0.01
	TANK 2003	VOC	<0.01	<0.01
		H ₂ O ₂	<0.01	<0.01
	MIXER – H ₂ O ₂	VOC	<0.01	<0.01
		H ₂ O ₂	<0.01	<0.01
	TRUCK LOADING	VOC	<0.01	<0.01
		H ₂ O ₂	<0.01	<0.01
	Uncontrolled Tanks Emissions (6)	VOC	<0.01	<0.01
		H ₂ O ₂	<0.01	<0.01
	Scrubber CAP	VOC	0.01	0.01
		H ₂ O ₂	< 0.01	< 0.01
	Mixing/Loading - MeOH	VOC	0.02	0.03
		HAPs (7)	0.02	0.03
FUG-1	Fugitives (5)	VOC	0.20	0.85
		HAPs (7)	0.18	0.77
		H ₂ O ₂	<0.01	<0.01
MSS-FUG	Pump & Valve Maintenance	VOC	0.08	<0.01
		H ₂ O ₂	0.08	<0.01
		HAPs (7)	0.06	<0.01
MSS-TANK	Tank Maintenance	VOC	0.10	<0.01
		H ₂ O ₂	0.10	<0.01
TK_LOAD	Uncollected Truck Loading	VOC	0.06	0.06
		HAPs (7)	0.06	0.06
MSS-Mixer	Mixing with methanol when scrubber is offline	VOC	<0.01	<0.01
		HAPs (7)	<0.01	<0.01

(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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C

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H₂O₂ - hydrogen peroxide

- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Uncontrolled tanks emissions occur when caustic scrubber (EPN: SCRUBR) is down for maintenance. Vents from tanks to scrubber shall be blocked and no product blending, tank filling, or loading involving VOC or H₂O₂ which the scrubber EPN SCRUBR required to control shall occur during scrubber maintenance.
- (7) HAP emissions are included in total VOC emissions.

Date: _____ TBD