

Emission Sources - Maximum Allowable Emission Rates

Permit Number 129605

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)
Z-960	Scrubber	VOC	0.86	0.52
		Inorganic Acids	0.12	0.03
		Hydrogen Peroxide	< 0.01	< 0.01
		Sodium Hydroxide	0.02	0.01
T-103	Tank T-103	VOC	0.78	-
T-104	Tank T-104	VOC	0.78	-
T-105	Tank T-105	VOC	0.78	-
T-106	Tank T-106	VOC	0.78	-
T-121	Tank T-121	VOC	0.78	-
T-122	Tank T-122	VOC	0.78	-
T-123	Tank 1-123	VOC	0.78	-
T-124	Tank T-124	VOC	0.78	-
T-125A	Tank 1-1 25A	VOC	0.78	-
T-125B	Tank 1-1 25B	VOC	0.78	-
T-140	Tank T-140	VOC	0.78	-
T-143	Tank T-143	VOC	0.78	-
T-147	Tank T-147	VOC	0.78	-
T-151	Tank T-151	VOC	0.78	-
T-152	Tank 1-152	VOC	0.78	-
T-156	Tank 1-156	VOC	0.78	-
T-157A	Tank T-157A	VOC	0.78	-
T-157B	Tank T-1 57B	VOC	0.78	-
T-341A	Tank T-341A	VOC	0.78	-

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T-341B	Tank T-341B	VOC	0.78	-
T-342	Tank T-342	VOC	0.78	-
ALLTANKS	Raw Material and Product Tanks T-103, 1-104, T-105, T-106, T-121, 1-122, T-123, T-124, T-125A, T-125B, T-140, T-143, T-147, T-151, 1-152, T-156, 1-157A, T-1 57B, T-341A, T-341 B, T- 342	VOC	-	1.25
RE-201	Reactor 201 Solids Addition	PM	0.09	-
		PM10	0.09	-
		PM2.5	0.09	-
RE-230	Reactor 230 Solids Addition	PM	0.09	-
		PM10	0.09	-
		PM2.5	0.09	-
RE-301	Reactor 301 Solids Addition	PM	0.09	-
		PM10	0.09	-
		PM2.5	0.09	-
RE-360	Reactor 360 Solids Addition	PM	0.86	-
		PM10	0.86	-
		PM2.5	0.86	-
RE-760	Reactor 760 Solids Addition	PM	0.86	-
		PM10	0.86	-
		PM2.5	0.86	-
RXSOLIDS	Reactor Solids Loading	PM	-	0.10
		PM10	-	0.10
		PM2.5	-	0.10
DRUMFILL	Product Drum and Tote Filling	VOC	0.01	<0.01
PLOAD	Product Loading	VOC	0.17	0.07
UNLOAD	Raw Material	VOC	0.01	0.01

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FUGITIVE		Inorganic Acids	0.01	0.01
		Hydrogen Peroxide	0.01	0.01
	Fugitives (5)	VOC	1.34	5.86
		Inorganic Acids	0.36	1.57
		Hydrogen Peroxide	0.14	0.63
		Sodium Hydroxide	0.13	0.55

- (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
- PM
 - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
- PM₁₀
 - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
- PM_{2.5}
 - particulate matter equal to or less than 2.5 microns in diameter
- (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.

Date: March 27, 2017