

# Emission Sources - Maximum Allowable Emission Rates

Special Permit Number 18629

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 (6)	
			lbs/hour	TPY (4)
T-301	Wastewater Tank T-301	VOC	0.09	<0.01
T-401	Bleach Reactor	Cl <sub>2</sub>	<0.01	<0.01
T-402	Bleach Reactor	Cl <sub>2</sub>	<0.01	<0.01
T-403	Storage Tank T-421	Cl <sub>2</sub>	<0.01	<0.01
T-404	Storage Tank T-404	Cl <sub>2</sub>	<0.01	<0.01
T-406	Storage Tank T-406	Cl <sub>2</sub>	<0.01	<0.01
T-407	Storage Tank T-423	Cl <sub>2</sub>	<0.01	<0.01
T-408	Storage Tank T-408	Cl <sub>2</sub>	<0.01	<0.01
T-409	Storage Tank No. T-409	VOC	0.02	<0.01
T-413	Storage Tank T-413	Cl <sub>2</sub>	<0.01	<0.01
P-418	Storage Tank T-418	Cl <sub>2</sub>	<0.01	<0.01
P-419	Storage Tank T-419	Cl <sub>2</sub>	<0.01	<0.01
P-420	Bleach Reactor	Cl <sub>2</sub>	<0.01	<0.01
V-2	Storage Tank No. T-304	NH <sub>3</sub>	0.42	0.24
V-4	Ammonium Hydroxide Repackaging	NH <sub>3</sub>	0.03	0.12
V-8	Storage Tank-501	VOC	0.90	0.01
V-40.1	Sodium Hypochlorite Repackaging	Cl <sub>2</sub>	<0.01	<0.01
V-40.2	Diesel Repackaging	VOC	<0.01	<0.01
V-41	Paint Booth Stack	VOC	2.39	2.67
		Exempt Solvent	0.35	1.04
		PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01

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F-1.2	Fugitives	VOC	0.14	0.60
		Cl <sub>2</sub>	<0.01	<0.01
F-2.1	Fugitives	NH <sub>3</sub>	0.01	0.02
F-2.4	Filling	NH <sub>3</sub>	<0.01	<0.01
		Cl <sub>2</sub>	0.03	0.03
		SO <sub>2</sub>	0.02	0.02
F-3	Gas Building Fugitives	NH <sub>3</sub>	0.04	0.19
		Cl <sub>2</sub>	0.02	0.10
		SO <sub>2</sub>	0.08	0.37
F-4	Painting Area Fugitives	VOC	2.39	2.67
		Exempt Solvent	0.35	1.04

- (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) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
  - VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
  - SO<sub>2</sub> - sulfur dioxide
  - 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
  - Cl<sub>2</sub> - Chlorine
  - NH<sub>3</sub> - Ammonia
  - PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented
  - PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented
  - PM<sub>2.5</sub> - 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.
- (6) The allowable emission rates include planned maintenance, startup, and shutdown activities.

Date: November 2, 2018