

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 76219

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)
DTH	Heater	NOx	0.16	0.69
		CO	0.13	0.58
		PM	0.01	0.05
		PM10	0.01	0.05
		PM2.5	0.01	0.05
		SO2	<0.01	<0.01
		VOC	0.01	0.04
FUG	Fugitives	VOC	1.19	5.19
		NH3	0.05	0.23
		HCl	0.05	0.23
		Formaldehyde (6)	0.02	0.07
		Exempt Solvents	0.05	0.23
T203	T203 Storage Tank	VOC	0.05	<0.01
T204	T204 Storage Tank	VOC	0.01	0.01
T206	T206 Storage Tank	VOC	0.01	0.01
T207	T207 Storage Tank	VOC	0.05	<0.01
T210	T210 Storage Tank	VOC	0.08	<0.01
T307	T307 Storage Tank	VOC	0.01	0.01
T308	T308 Storage Tank	VOC	8.86	0.06
T310	T310 Storage Tank	VOC	8.07	0.16
T401	T401 Storage Tank	VOC	2.52	0.06
T402	T402 Storage Tank	VOC	12.59	0.30
T403	T403 Storage Tank	VOC	12.59	0.36
T404	T404 Storage Tank	VOC	0.05	<0.01

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T406	T406 Storage Tank	VOC	8.86	0.10
T409	T409 Storage Tank	VOC	8.07	0.14
T410	T410 Storage Tank	VOC	8.07	0.16
T501	T501 Storage Tank	VOC	12.59	0.23
T502	T502 Storage Tank	VOC	0.01	0.01
T503	T503 Storage Tank	VOC	0.01	0.01
T504	T504 Storage Tank	VOC	0.01	0.01
T505	T505 Storage Tank	VOC	0.01	0.01
T506	T506 Storage Tank	VOC	0.08	<0.01
T507	T507 Storage Tank	VOC	0.01	0.01
T508	T508 Storage Tank	VOC	0.08	<0.01
T509	T509 Storage Tank	VOC	0.01	0.01
T510	T510 Storage Tank	VOC	<0.01	<0.01
T511	T511 Storage Tank	VOC	0.01	0.01
T514	T514 Storage Tank	VOC	0.01	0.01
T515	T515 Storage Tank	VOC	0.01	0.01
BV1	Blend Vessel 1	VOC	6.44	-
		HCl	0.45	-
		Exempt Solvents	3.13	-
BV2	Blend Vessel 2	VOC	7.34	-
		HCl	0.45	-
		Exempt Solvents	3.13	-
BV3	Blend Vessel 3	VOC	10.04	-
		HCl	0.45	-
		Exempt Solvents	3.13	-
BV4	Blend Vessel 4	VOC	3.08	-
		HCl	0.45	-
		Exempt Solvents	3.13	-
BV5	Blend Vessel 5	VOC	3.08	-

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		HCl	0.45	-
		Exempt Solvents	3.13	-
R3	Blend Vessel R3	VOC	4.35	-
		HCl	0.45	-
		Exempt Solvents	3.13	-
BV12345R3 Cap	Blend Vessel Annual Cap	VOC	-	0.41
		HCl	-	0.01
		Exempt Solvents	-	0.01
CF1	Container Filling 1	VOC	1.65	-
		HCl	1.17	-
		Exempt Solvents	0.87	-
CF2	Container Filling 2	VOC	1.65	-
		HCl	1.17	-
		Exempt Solvents	0.87	-
CF3	Container Filling 3	VOC	1.65	-
		HCl	1.17	-
		Exempt Solvents	0.87	-
CF4	Container Filling 4	VOC	1.65	-
		HCl	1.17	-
		Exempt Solvents	0.87	-
TL1	Truck/Isotainer Loading	VOC	6.53	-
		HCl	3.00	-
		Exempt Solvents	3.46	-
CF1234TL1	Filling/Loading Annual Cap	VOC	-	2.37
		HCl	-	0.02
		Exempt Solvents	-	0.01
DRYLOAD	Dry Material Loading	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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SCRUB	Scrubber	VOC	3.17	<0.01
		HCl	0.04	<0.01
		Formaldehyde (6)	0.03	<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) 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
- NO<sub>x</sub> - total oxides of nitrogen
- SO<sub>2</sub> - sulfur dioxide
- 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
- CO - carbon monoxide
- 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
- HCl - Hydrogen Chloride
- NH<sub>3</sub> - Ammonia
- (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) Formaldehyde emissions are included in VOC emission totals.

Date: October 10, 2022