

Emission Sources - Maximum Allowable Emission Rates

Permit Number 33373

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)
T101	Tank 101	VOC	5.84	0.12
		HAP	2.21	0.05
T102	Tank 102	VOC	2.34	0.07
		HAP	0.88	0.02
T104	Tank 104	VOC	0.65	1.16
		HAP	0.06	0.10
T106	Tank 106	VOC	2.34	0.05
		HAP	0.88	0.02
T107	Tank 107	VOC	1.67	1.40
		HAP	0.15	0.12
T108	Tank 108	VOC	2.99	3.75
		HAP	0.26	0.33
T109	Tank 109	VOC	1.36	1.84
		HAP	0.12	0.16
T111	Tank 111	VOC	0.01	0.02
T122	Tank 122	VOC	14.56	1.89
		HAP	7.98	1.04
DAY-GAS	Gasoline Day Tank	VOC	0.71	0.21
		HAP	0.06	0.02
DAY-ETOH	Ethanol Day Tank	VOC	0.52	0.03
VCU	Truck Loading Rack to Vapor Combustor Unit (VCU) (6)	VOC	15.03	(7)
		NO _x	6.03	(7)
		CO	15.06	(7)
		HAP	1.33	(7)
VRU2	Truck Loading Rack to	VOC	15.03	(7)

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		HAP	1.33	(7)
Loading Rack Cap (VRU2 + VCU)		VOC	(7)	24.30
		NO _x	(7)	13.19
		CO	(7)	32.94
		HAP	(7)	2.15
F2	Uncollected Loading Emissions	VOC	35.12	35.35
		HAP	3.11	3.11
F1	Terminal Component Fugitives (5)	VOC	0.33	1.46
		HAP	0.07	0.31
F4	Wastewater Fugitives (5)	VOC	0.24	0.53
		HAP	0.09	0.20
C4-HOSE	Butane Truck Unloading Hose Disconnects	VOC	1.77	0.28

- (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_x - total oxides of nitrogen
 - 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
- (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) Emissions for Truck Loading to the VCU include emissions from combustion of the loading rack emissions as well as VCU pilot gas.
- (7) Loading Rack and Low-Pressure Tank Source Cap is for annual emissions only. Max hourly emission rates for individual FINs remain.

Date: October 15, 2018