

Emission Sources - Maximum Allowable Emission Rates

Permit Number 160275

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)
FUG	Fugitives (5)	VOC	0.15	0.66
		HAPs	0.02	0.06
SUMP	Sump for Oil and Water	VOC	0.05	<0.01
		HAPs	<0.01	<0.01
TK-1	Premium Gasoline Tank	VOC	0.86	-
		HAPs	0.03	-
TK-2	Premium Gasoline Tank	VOC	0.86	-
		HAPs	0.03	-
TK1-2CAP	Premium Gasoline Annual Cap	VOC	-	3.39
		HAPs	-	0.07
TK-3	Regular Gasoline Tank	VOC	2.08	-
		HAPs	0.06	-
TK-4	Regular Gasoline Tank	VOC	2.08	-
		HAPs	0.06	-
TK-5	Regular Gasoline Tank	VOC	2.08	-
		HAPs	0.06	-
TK3-5CAP	Regular Gasoline Annual Cap	VOC	-	13.29
		HAPs	-	0.38
TK-6	Diesel Tank	VOC	11.33	-
		HAPs	2.27	-
TK-7	Diesel Tank	VOC	11.33	-
		HAPs	2.27	-
TK6-7CAP	Diesel Annual Cap	VOC	-	1.99
		HAPs	-	0.50

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TK-8	Ethanol Tank	VOC	0.14	-
		HAPs	<0.01	-
TK-9	Ethanol Tank	VOC	0.14	-
		HAPs	<0.01	-
TK8-9CAP	Ethanol Annual Cap	VOC	-	0.31
		HAPs	-	<0.01
TK-10	Additive Tank, Lubricity	VOC	2.05	0.07
		HAPs	0.97	0.06
TK-11	Additive Tank, TxLED	VOC	2.15	0.09
TK-12	Additive Tank, Keropur	VOC	1.97	0.06
		HAPs	0.26	0.02
TK-13	Additive Tank, Unbranded	VOC	1.97	0.07
		HAPs	0.26	0.02
TK-14	Red Dye Tank	VOC	1.03	0.01
		HAPs	0.12	<0.01
TRUCK	Truck Loading	VOC	11.26	5.50
		HAPs	0.56	0.20
VAC-TRK	Vacuum Truck Loading	VOC	0.18	<0.01
		HAPs	<0.01	<0.01
VCU	Vapor Combustor Pilot and Truck	VOC	12.18	8.20
		PM	0.44	0.40
		PM ₁₀	0.44	0.40
		PM _{2.5}	0.44	0.40
		NO _x	5.74	3.15
		CO	7.65	4.18
		SO ₂	0.03	0.02
VRU	Carbon Bed to Control Truck Loading	VOC	10.09	5.79
		HAPs	0.57	0.23

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PORT-VC	Portable VC to Control Filling of Gasoline Tanks	VOC	3.92	0.02
		PM	0.08	<0.01
		PM ₁₀	0.08	<0.01
		PM _{2.5}	0.08	<0.01
		NO _x	1.14	<0.01
		CO	1.52	<0.01
		HAPs	0.13	<0.01
GAS1-LND	Premium Gasoline Tanks Roof Landing	VOC	6.67	0.32
		HAPs	1.44	0.08
GAS2-LND	Regular Gasoline Tanks Roof Landing	VOC	12.97	0.93
		HAPs	2.80	0.15
GAS-CLN	Gas Tank Cleaning	VOC	30.89	0.74
		HAPs	6.68	0.19
DSL-CLN	Diesel Tank Cleaning	VOC	2.67	0.03
		HAPs	0.54	<0.01
ETOH-FIL	Ethanol Tanks Fill	VOC	83.40	0.11
		HAPs	0.14	<0.01
ETOH-LND	Ethanol Tanks Roof Landing	VOC	9.27	0.45
		HAPs	0.02	<0.01
ETOH-CLN	Ethanol Tanks Cleaning	VOC	7.66	0.18
		HAPs	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, includes HAPs
- NO_x
 - total oxides of nitrogen
- SO₂
 - sulfur dioxide
- 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
- 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.

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- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: October 19, 2020