Emission Sources - Maximum Allowable Emission Rates

Permit Number 161145

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)
TK 95-1	Gasoline/Diesel Storage Tank	VOC	1.70	-
TK 95-2	Gasoline/Diesel Storage Tank	VOC	1.67	-
TK-38-1	Gasoline/Diesel Storage Tank	VOC	1.13	-
TK 50-1	Gasoline/Diesel Storage Tank	VOC	1.15	-
TK 28-1	Denatured Ethanol Storage Tank	VOC	0.85	-
TK 05-1	Transmix Storage Tank	VOC	1.61	-
IFRTKS	Annual Cap for IFR Storage Tanks	VOC	-	13.405
TK 80-1	Diesel Storage Tank	VOC	7.77	3.13
TK 05-2	Biodiesel Storage Tank	VOC	1.86	0.31
ADDTK1	Additive Storage Tank	VOC	4.61	0.05
ADDTK2	Additive Storage Tank	VOC	4.61	0.04
ADDTK3	Additive Storage Tank	VOC	4.45	0.05
ADDTK4	Additive Storage Tank	VOC	15.27	0.22
ADDTK5	Additive Storage Tank	VOC	0.20	<0.01
ADDTK6	Additive Storage Tank	VOC	0.30	<0.01
MSS-UNCONT	Uncontrolled Tank Landings	VOC	27.94	2.34
MSS-CONT	Controlled Tank Cleanings and Degassing	VOC	2.17	0.68
		NOx	0.12	0.08
		CO	0.24	0.11
		SO_2	<0.01	<0.01
		PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
VRUVCU	Vapor Combustion Unit or Vapor Recovery Unit (6)	VOC	11.48	28.601

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VCU-1	Vapor Combustion Unit	NOx	5.75	10.69
		CO	11.46	21.29
		SO_2	0.29	0.53
		PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
FUG	Piping Fugitives	VOC	0.22	0.98
PCWTK1	Wastewater Storage Tank	VOC	2.89	0.053

(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
SO_2 - sulfur dioxide
PM - total particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$, as represented
PM_{10} - 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.
(5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
(6) The emission limits are representative of the combined emissions from the VCU and the VRU. The VCU will act as a back up to the VRU, and the VCU and VRU shall not process vapors from the loading rack simultaneously.

Date: TBD