Emission Sources - Maximum Allowable Emission Rates

Permit Number 133709

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)
TO1	Thermal Oxidizer	VOC	0.02	0.01
		NO_x	0.03	0.04
		CO	0.04	0.05
		SO_2	0.01	0.01
		$PM_{2.5}$	0.01	0.01
		PM_{10}	0.01	0.01
		PM	0.01	0.01
TKVENT	Tank Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, ISO1, ISO2, ISO3, ISO4, and ISO5 (6)	VOC	0.04	1.59
TD1	Diesel Storage Tank 1	VOC	0.07	0.01
TD2	Diesel Storage Tank 2	VOC	0.04	0.01
LOAD1	Bulk Tank to Tote or Treater Truck	VOC	4.85	0.10
LOAD2	Bulk Tank to Tanker Truck	VOC	0.15	0.02
LOAD3	Tote to Tote, Drum or Treater Truck	VOC	1.44	0.13
LOAD4	Tote or Drum to Pail	VOC	0.36	0.01
FUG	Component Fugitives (5)	VOC	0.64	2.79

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(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
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

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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

(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) TKVENT represents the standing losses from the tanks that vented through the stack of the thermal oxidizer and discharged into atmosphere when the thermal oxidizer is idled.

Date: TBD

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