Emission Sources - Maximum Allowable Emission Rates

Permit Number 95968

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)
390-103	IFR Tank 390-103	VOC	4.54	3.61
		Benzene	0.13	0.09
390-104	IFR Tank 390-104	VOC	4.54	3.61
		Benzene	0.13	0.09
390-105	IFR Tank 390-105	VOC	4.54	3.61
		Benzene	0.13	0.09
390-106	IFR Tank 390-106	VOC	4.54	3.61
		Benzene	0.13	0.09
390-107	IFR Tank 390-107	VOC	4.54	3.61
		Benzene	0.13	0.09
210-100	IFR Tank 210-100	VOC	5.67	2.47
		Benzene	0.17	0.06
210-102	IFR Tank 210-102	VOC	5.67	2.47
		Benzene	0.17	0.06
	Annual Tank VOC and Benzene Compliance Caps	VOC		16.88
		Benzene		0.38
TKVENT	Uncontrolled Tank MSS Emissions - Method 1	VOC	2322.46	
		Benzene	69.68	
	Uncontrolled Tank MSS Emissions - Method 2	VOC	853.85	
		Benzene	25.62	
	Uncontrolled Tank MSS Emissions - Method 3	VOC	2322.46	
		Benzene	69.68	
	Total Annual Uncontrolled Tank MSS Emissions	VOC		3.31
		Benzene		0.19
Emission Point	**Source Name (2)**	**Air Contaminant**		

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No. (1)		Name (3)	Emission Rates	
			lbs/hour	TPY (4)

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PORTVC	Portable Vapor Combustor (2 vapor combustors running simultaneously)	VOC	78.08	2.95
		Benzene	0.82	0.07
		NO_x	1.80	1.35
		CO	23.16	17.36
FUG 1	No. 1 Manifold Fugitives	VOC	0.33	1.41
		Benzene	0.01	0.05
OWS-1	Oil/Water Separator 1	VOC	5.89	0.15
OWS-2	Oil/Water Separator 2	VOC	5.89	0.15
EMERGEN1	Emergency Generator Engine 1	VOC	0.18	0.01
		NO_x	1.81	0.10
		CO	1.52	0.08
		SO_2	1.12	0.06
		PM_{10}	0.12	0.01
		$PM_{2.5}$	0.10	0.01
FIREPUMP1	Firepump Engine 1	VOC	0.29	0.12
		NO_x	2.96	1.08
		CO	2.48	0.90
		SO_2	1.83	0.66
		PM_{10}	0.19	0.08
		$PM_{2.5}$	0.16	0.06
FIREPUMP2	Firepump Engine 2	VOC	0.29	0.12
		NO_x	2.96	1.08
		CO	2.48	0.90
		SO_2	1.83	0.66
		PM_{10}	0.19	0.08
		$PM_{2.5}$	0.16	0.06
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**	
			lbs/hour	**TPY (4)**
	Annual Engine Compliance Caps	VOC		0.13
		NO_x		1.18
		CO		0.98

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		SO_2		0.72
		PM_{10}		0.09
		$PM_{2.5}$		0.07
DTANK-1	Diesel Tank 1 (Fuel Diesel for Emergency Generator Engine 1, EPN EMERGEN1)	VOC	0.06	0.001
DTANK-2	Diesel Tank 2 (Fuel Diesel for Firepump Engine 1, EPN FIREPUMP1)	VOC	0.06	0.009
DTANK-3	Diesel Tank 3 (Fuel Diesel for Firepump Engine 2, EPN FIREPUMP2)	VOC	0.06	0.009
	Annual Diesel Tank Compliance Cap	VOC		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
NO_x - total oxides of nitrogen
SO_2 - sulfur dioxide
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.

Date: _____