

Emission Sources - Maximum Allowable Emission Rates

Permit Number 20577

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)
B-1	Plant Boiler (8.4 MMBtu/hr)	VOC	0.05	0.20
		NO _x	0.82	3.61
		CO	0.69	3.03
		SO ₂	<0.01	0.03
		PM	0.06	0.27
		PM ₁₀	0.06	0.27
		PM _{2.5}	0.06	0.27
FUG-COMP	Fugitive Components (5)	VOC	0.46	1.84
		IOC	0.14	0.60
		Ammonia	0.16	0.68
		HF	0.05	0.05
FUG-FUEL	Portable and Emergency Engine Diesel and Gas Fueling (5)	VOC	0.36	0.02
SB-901	Harrington Scrubber	VOC	0.02	0.09
		IOC	<0.01	0.01
		Ammonia	<0.01	<0.01
SB-903	Facility Scrubber (6)	VOC	4.61	0.06
		IOC	0.03	<0.01
		Ammonia	0.59	0.02
		HCl	<0.01	<0.01
		HF	<0.01	<0.01
D-GEN	Emergency Diesel Generator (Maintenance Emissions)	VOC	0.75	<0.01
		NO _x	9.27	0.12
		CO	2.00	0.03
		SO ₂	0.61	<0.01
		PM	0.66	<0.01
		PM ₁₀	0.66	<0.01
		PM _{2.5}	0.66	<0.01

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G-GEN	Emergency Natural Gas Generator (Maintenance Emissions)	VOC	0.20	<0.01
		NO _x	6.77	0.09
		CO	0.53	<0.01
		SO ₂	<0.01	<0.01
		PM	0.02	<0.01
		PM ₁₀	0.02	<0.01
		PM _{2.5}	0.02	<0.01
FUG-WGNLOAD	Tank Wagon Unloading (5)	VOC	0.01	0.01
		IOC	0.01	0.01
REPR	Re-Pour of Expired Product Samples	VOC	0.01	0.01
		IOC	0.01	0.01
MWLD	Welding	VOC	0.01	0.01
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<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
 IOC - inorganic compounds
 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
 HCl - hydrogen chloride
 HF - hydrogen fluoride
- (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) Vents from Facility Identification Numbers TK-106, TK-107, TK-108, TK-110, TK-111, TK-114, TK-115, TK-116a, TK-122, TK-123, TK-132, TK-128, TK-129, TK-130, TK-131, TK-156, TK-157, TK-158, TK-158A, TK-160, TOTE-E, DRM-LOAD, MCV-LOAD, MAN-PAC and NEUTSYS shall be routed to Scrubber SB-903.

Date: July 16, 2018