

Emission Sources - Maximum Allowable Emission Rates

Permit Number 135005

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)
PRCY TBC 01	Solar Centaur 50 Turbine (5)	NO _x	2.64	10.51
		NO _x (MSS)	4.06	
		CO	0.17	11.24
		CO (MSS)	169.67	
		VOC	0.21	0.98
		VOC (MSS)	2.66	
		PM	0.40	1.60
		PM ₁₀	0.40	1.60
		PM _{2.5}	0.40	1.60
		SO ₂	0.86	3.40
		HAP	0.04	0.21
		HAP (MSS)	1.12	
PRCY GR PL	Gas Release Events - Pipeline	VOC	413.33	13.64
		HAP	15.96	0.53
PRCY GR ST	Gas Release Events – Station	VOC	413.33	9.70
		HAP	15.96	0.37
PRCY SV V1S	Separator Vessel	VOC	2.67	0.03
		HAP	0.16	<0.01
PRCY SV V1C1	Separator Vessel	VOC	5.34	0.05
		HAP	0.32	<0.01
PRCY SV V2	Separator Vessel	VOC	40.04	0.38
		HAP	2.40	0.02

Emission Sources - Maximum Allowable Emission Rates

PRCY TK V5	Pipeline Liquids Tank	VOC	6.84	0.65
		HAP	0.43	0.04
PRCY TL PL	Pipeline Liquid Loading	VOC	14.76	<0.01
		HAP	0.92	<0.01
PRCY TK OIL1	Oil Tank	VOC	0.04	<0.01
PRCY TL OIL	Oil Loading	VOC	0.05	<0.01
PRCY TK OW1	Oily Water Tank	VOC	0.19	0.02
PRCY TL OW	Oily Water Loading	VOC	0.28	<0.01
PRCY PW	Parts Washer	VOC	2.25	0.41
PRCY ENGEN 01	Emergency Generator Engine (5)	NO _x	2.58	0.13
		CO	5.16	0.26
		VOC	2.31	0.12
		PM	0.05	<0.01
		PM ₁₀	0.05	<0.01
		PM _{2.5}	0.05	<0.01
		SO ₂	0.06	<0.01
		HAP	1.40	0.07
PRCY PC NG	Natural Gas Fugitives (6)	VOC	0.36	1.32
		HAP	0.01	0.05
PRCY PC PL	Pipeline Fugitives (6)	VOC	0.90	3.28
		HAP	0.13	0.48
PRCY PC OIL	Oil Fugitives (6)	VOC	0.14	0.52

- (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) NO_x - total oxides of nitrogen
- CO - carbon monoxide
- VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
- PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}
- PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
- SO₂ - sulfur dioxide

Emission Sources - Maximum Allowable Emission Rates

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) Planned maintenance, startup and shutdown (MSS) for all pollutants are authorized even if not specifically identified as MSS. During any clock hour that includes one or more minutes of planned MSS that pollutant's maximum hourly emission rate shall apply during that clock hour.
- (6) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: August 12, 2016