

Emission Sources - Maximum Allowable Emission Rates

Permit Number 73323

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)
01TANK0205	Asphalt Tank	VOC	0.39	0.51
01TANK0207	Asphalt Tank	VOC	0.39	0.87
01TANK0208	Asphalt Tank	VOC	0.39	1.00
01TANK0212	Asphalt Tank	VOC	0.39	0.03
01TANK0213	Asphalt Tank	VOC	0.39	0.01
01TANK0214	Asphalt Tank	VOC	0.39	0.03
01TANK0215	Asphalt Tank	VOC	0.39	0.02
01TANK0216	Asphalt Tank	VOC	0.39	0.02
23TANK0001	PDAGO Tank	VOC	0.10	0.07
37TANK0320	Methanol Tank	VOC	0.62	1.20
37TANK0328	Sweet Naphtha Tank	VOC	3.16	9.49
02CRUDEFLR	Crude Unit Flare	VOC	0.01	0.02
		SO2	0.01	0.01
		NOx	0.05	0.21
		CO	0.24	1.06

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37BOXAHTR	Horizontal Asphalt Heater Box A	VOC	0.10	0.45
		SO ₂	0.55	0.75
		NO _x	1.92	8.41
		CO	1.36	5.97
		PM	0.14	0.63
		PM ₁₀	0.14	0.63
		PM _{2.5}	0.14	0.63
37BOXBHTR	Vertical Asphalt Heater Box B	VOC	0.05	0.24
		SO ₂	0.29	0.39
		NO _x	1.00	4.38
		CO	0.71	3.11
		PM	0.07	0.33
		PM ₁₀	0.07	0.33
		PM _{2.5}	0.07	0.33
23PDAFUG	PDAGO Tank Fugitives (5)	VOC	0.29	1.28
37GRID7FUG	Grid 7 Fugitives (5)	VOC	0.51	2.19
37GRID4FUG	Grid 4 Fugitives (5)	VOC	0.21	0.93
37GRID2FUG	Grid 2 Fugitives (5)	VOC	0.68	3.01
01ASPRKUNT	Asphalt Fugitives (5)	VOC	1.85	8.62
28SLEFUG	SLE Unit Fugitives (5)	VOC	1.27	5.62
37NGRKUNT	Natural Gasoline Unloading	VOC	0.01	0.01

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	Fugitives (5)			
37IC4RKUNT	Isobutane Unloading Fugitives (5)	VOC	0.01	0.05
37C4RKLDG	Butane Unloading Fugitives (5)	VOC	0.01	0.06

- (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) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
- VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- 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
- (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: June 20, 2016