

Emission Sources - Maximum Allowable Emission Rates

Permit Number 138707 and PSDTX861M3

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)

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MAINTENANCE EMISSIONS CAPS:		VOC	1062.63	19.59
		NO _x	1.85	0.13
		CO	3.70	0.27
F-85, F-ASPHALT, F-ETNKFRM, F-NTNKFRM, F-WTNKFRM	Sub cap for Fugitives (5)	VOC	12.24	52.36
		H ₂ S	<0.01	<0.01
		Benzene	0.05	0.23
S-001, S-002, S-003, S-004, S-005, S-006, S-007, S-008, S-009, S-010, S-011, S-012, S-013, S-014, S-015, S-016, S-017, S-018, S-019, S-020, S-021, S-022, S-023, S-024, S-027, S-028, S-031, S-032, S-033, S-037, S-038, S-039, S-040, S-043, S-045, S-046, S-052, S-055, S-060, S-065, S-066, S-067, S-068, S-069, S-070, S-072, S-074, S-075, S-076, S-090, S-095, S-137, S-138, S-139, S-143, S-144, S-150, S-176, S-177, S-183, S-186, S-187, S-192, S-194, S-200, S-202, S-203, S-204, S-218, S-229	Sub cap for Storage Tanks	VOC	113.90	376.43
S-001, S-002, S-003, S-004, S-006, S-007, S-008, S-009, S-010, S-012, S-013, S-014, S-020, S-022, S-023, S-027, S-031, S-032, S-037, S-038, S-043, S-045, S-052, S-055, S-070, S-075, S-095, S-137, S-138, S-143, S-144, S-150, S-176, S-177, S-183, S-186, S-187, S-192, S-194, S-200, S-202, S-218, S-230, S-231, S-232, S-235, S-236, S-237	Subcap for Crude Expansion Tanks	VOC	82.35	208.81
Tank Benzene Cap		Benzene	1.33	3.82
1220TKTXX1	Truck Rack B100 Blend Tank	VOC	4.99	0.74
1220TKTXX2	Truck Rack B100 Certification Tank	VOC	4.99	1.46

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1220TKTXX3	Truck Rack B100 Certification Tank	VOC	4.99	0.74
1220TKTXX4	Pipeline B100 Blend Tank	VOC	4.99	0.74
1220TKTXX5	Pipeline B100 Blend Tank	VOC	4.99	0.74
MSS_ABRBLS	Abrasive Blasting Operation	PM	0.54	0.18
		PM ₁₀	0.07	0.02
		PM _{2.5}	< 0.01	< 0.01
H-30	Asphalt Tank Heaters 5501, 5502, and 5503	NO _x	2.54	11.12
		CO	0.82	3.57
		VOC	0.05	0.23
		SO ₂	0.27	1.18
		PM	0.07	0.31
		PM ₁₀	0.07	0.31
		PM _{2.5}	0.07	0.31
H-32	Tank Heaters 20M5 and 20M6	NO _x	0.80	3.50
		CO	0.56	2.46
		VOC	0.04	0.16
		SO ₂	0.19	0.82
		PM	0.05	0.22
		PM ₁₀	0.05	0.22
		PM _{2.5}	0.05	0.22
H-32C	Asphalt Tank Heater 20M7	NO _x	0.33	1.43
		CO	0.28	1.23
		VOC	0.02	0.08
		SO ₂	0.09	0.41
		PM	0.02	0.11
		PM ₁₀	0.02	0.11
		PM _{2.5}	0.02	0.11
H-33	Tank Heaters 34 and 121	NO _x	1.99	8.74
		CO	1.40	6.16
		VOC	0.09	0.39
		SO ₂	0.46	2.04
		PM	0.12	0.54

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H-35	Tank 300M2 Heaters	PM ₁₀	0.12	0.54
		PM _{2.5}	0.12	0.54
		NO _x	1.59	6.99
		CO	1.12	4.93
		VOC	0.07	0.31
		SO ₂	0.37	1.63
		PM	0.10	0.43
		PM ₁₀	0.10	0.43
		PM _{2.5}	0.10	0.43
H-51	Asphalt Tank Heater 300M3	NO _x	0.53	2.33
		CO	1.12	4.93
		VOC	0.07	0.31
		SO ₂	0.37	1.63
		PM	0.10	0.43
		PM ₁₀	0.10	0.43
		PM _{2.5}	0.10	0.43

- (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
- 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
- H₂S - hydrogen sulfide
- (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: March 31, 2016