

Emission Sources - Maximum Allowable Emission Rates

Permit Number 2468

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)
E01A126	Tank 8119	VOC	2.20	0.49
E01A127	Tank 8120	VOC	2.20	0.49
E01A049	Tank 9001A	VOC	0.44	0.04
E01A050	Tank 9001B	VOC	12.38	1.16
E01A051	Tank 9001C	VOC	0.39	0.03
E01A020	Tank 9003A	VOC	0.18	0.27
E01A061	Tank 9010	VOC	2.95	0.35
E01A062	Tank 9011	VOC	3.50	1.98
E01A072	Tank 9106	VOC	3.89	0.15
E01A074	Tank 9109	VOC	7.48	2.96
E01A076	Tank 9111	VOC	18.95	2.39
E01A046	Tank 9201	VOC	0.01	<0.01
E01A047	Tank 9203	VOC	0.01	0.01
E01A080	Tank 9204	VOC	0.46	0.02
E01A042	Tank 9303	VOC	0.01	0.01
E01A043	Tank 9304	VOC	0.16	0.03
E01A044	Tank 9305	VOC	0.16	0.03
E01A045	Tank 9306	VOC	0.46	0.05
E01A014	Tank 9002A	VOC	0.38	1.21
E01A021	Tank 9004A	VOC	0.18	0.49

Project Numbers: 181100, 181119, 181126, 181135, 181150, 181152, 181157, 194785, and 194787.

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E01A022	Tank 9004B	Acetone	31.73	5.62
E01A055	Tank 9004C	VOC	0.15	0.17
E01A060	Tank 9009	VOC	0.01	0.05
E01A063	Tank 9012	VOC	0.10	0.10
E01A011	Tank 9101W	VOC	0.48	0.69
E01A016	Tank 9101Y	VOC	0.17	0.29
E01A012	Tank 9102Y	VOC	0.23	0.55
E01A002	Tank 9101Z	VOC	0.11	0.25
E01A068	Tank 9104A	VOC	0.11	0.12
E01A077	Tank 9112	VOC	0.10	0.12
E01A087	Tank 9211	VOC	0.25	0.85
E01A015	Tank 9301	VOC	0.24	0.63
E01A092	Tank 9503	VOC	0.09	0.23
E01A093	Tank 9505	VOC	0.07	0.23
E01A094	Tank 9506	VOC	0.07	0.23
E01A095	Tank 9507	VOC	0.05	0.22
E01A098	Tank 9603	VOC	0.06	0.22
E01A103	Tank 9608	VOC	1.59	0.03
E01A006	Tank 9701	VOC	0.81	-
E01A007	Tank 9702	VOC	0.81	-
	Total – Tank Nos. 9701 and 9702	VOC	-	2.75
F01A001	Fugitive Area (5)	VOC	1.87	8.17
E01A033	Tank Car Cleaning	VOC	73.66	0.30
E01A048	Incinerator	VOC	1.28	0.13
		Acetone	1.10	0.01

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		NO _x	1.22	0.56
		CO	5.84	1.17
		SO ₂	0.01	0.01
E01A031	Tank Truck Loading	VOC	0.49	0.04
E01A032	Aldehyde Loading Rack	VOC	6.02	0.87
E01A029	East Loading Rack	VOC	2.56	0.30
E01A030	West Loading Rack	VOC	5.52	0.86

- (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.
SO₂ - sulfur dioxide.
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: July 22, 2013