Emission Sources — Maximum Allowable Emission Rates

Permit Numbers 94433 and N134

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)
TK-401	Tank 401	VOC	16.45	3.02
TK-402	Tank 402	VOC	16.45	3.02
TK-1205	Tank 1205	VOC	10.26	5.66
TK-1208	Tank 1208	VOC	10.26	5.66
TK-1501	Tank 1501 (6)	VOC	9.06	5.93
TK-1502	Tank 1502 (6)	VOC	9.06	5.93
TK-1503	Tank 1503 (6)	VOC	9.06	0.86
TK-1504	Tank 1504 (6)	VOC	9.06	0.86
TK-2501	Tank 2501	VOC	9.84	8.22
TK-2502	Tank 2502 (6)	VOC	9.84	8.22
TK-2504	Tank 2504 (6)	VOC	9.84	8.22
TK-2505	Tank 2505 (6)	VOC	9.84	8.22
TK-2507	Tank 2507 (6)	VOC	9.84	8.22
TK-2509	Tank 2509 (7)	VOC	9.10	6.10
TK-2510	Tank 2510 (6)	VOC	9.84	8.22
TK-2511	Tank 2511 (6)	VOC	9.84	8.22
TK-3501	Tank 3501	VOC	9.18	11.80
TK-3502	Tank 3502	VOC	9.18	11.80
TK-3503	Tank 3503	VOC	9.18	11.80
TK-3504	Tank 3504	VOC	9.18	11.80

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

TK-3505	Tank 3505	VOC	9.18	11.80
TK-3506	Tank 3506	VOC	9.18	11.80
TK-3507	Tank 3507	VOC	9.18	11.80
TK-3508	Tank 3508	VOC	9.18	11.80
TK-3509	Tank 3509	VOC	9.18	11.80
TK-3510	Tank 3510 (7)	VOC	9.18	10.36
TK-3511	Tank 3511 (7)	VOC	9.18	10.36
TK-3512	Tank 3512 (7)	VOC	9.18	10.36
TK-3513	Tank 3513 (7)	VOC	9.18	10.36
TK-3514	Tank 3514	VOC	9.18	11.80
TANKCAP	Tank Emission Cap – Phase 1 (6) Tank Emission Cap – Phase 2 (7) Tank Emission Cap – Final	VOC		20.97
		VOC		36.81
		VOC		87.24
TKCONT	Tank Roof Landing Control Device – Phase 1 (6)	VOC	13.06	0.14
		NO_x	3.67	0.34
		CO	7.33	0.67
		SO_2	0.02	0.01
		PM	1.02	0.09
	Tank Roof Landing Control Device – Phase 2 (7)	VOC	13.06	0.24
		NO_x	3.67	0.37
		CO	7.33	0.72
		SO_2	0.02	0.01
		PM	1.02	0.10
	Tank Roof Landing Control Device - Final	VOC	13.06	0.49
		NO_x	3.67	0.43

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

		CO	7.33	0.86
		SO_2	0.02	0.01
		PM	1.02	0.12
TKLAND	Tank Landings – Phase 1 (6)	VOC	17.65	0.64
	Tank Landings – Phase 2 (7)	VOC	17.65	1.08
	Tank Landings – Final	VOC	17.65	2.25
FUG	Process Fugitive Components (5) – Phase 1 (6)	VOC	0.05	0.23
	Process Fugitive Components (5) – Phase 2 (7)	VOC	0.07	0.34
	Process Fugitive Components (5) – Final	VOC	0.16	0.68
MSS	MSS Emissions – Phase 1 (6)	VOC	114.13	0.78
		NO_x	8.02	0.60
		CO	16.02	2.80
		SO_2	0.03	0.01
		PM	2.23	0.16
	MSS Emissions – Phase 2 (7)	VOC	116.34	1.16
		NO_x	8.02	0.93
		CO	16.02	1.83
		SO_2	0.03	0.01
		PM	2.23	0.25
	MSS Emissions - Final	VOC	118.50	2.56
		NO_x	8.02	1.37
		CO	16.02	2.69
		SO_2	0.03	0.01
		PM	2.23	0.37

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

(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
SO_2 -sulfur dioxide
PM -total particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$, as represented
PM_{10}-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.
(6) Authorized in Phase 1 of project with VOC offsets identified in Special Condition 11. Offsets must be identified per Special Condition 11 prior to starting construction on any other facilities authorized by this permit. Phase 1 emission caps (EPNs TANKCAP, TKCONT, TKLAND, FUG, and MSS) do not apply after the start of operation of any facility authorized in Phase 2 construction.
(7) Authorized in Phase 2 of project with VOC offsets identified in Special Condition 11. Emission caps include facilities authorized in Phase 1 and Phase 2. Offsets must be identified per Special Condition 11 prior to starting construction on any other facilities authorized by this permit.

Date: December 20, 2013