

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 5783 and N57

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. 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 *	
			lb/hr	TPY**
T20-1	Tank 20-1	VOC	See Totals Below	
T20-2	Tank 20-2	VOC		
T20-3	Tank 20-3	VOC	"	
T20-4	Tank 20-4	VOC	"	
T30-1	Tank 30-1	VOC	"	
T30-2	Tank 30-2	VOC	"	
T80-1	Tank 80-1	VOC	"	
T80-2	Tank 80-2	VOC	"	
T80-3	Tank 80-3	VOC	"	
T80-4	Tank 80-4	VOC	"	
T80-5	Tank 80-5	VOC	"	
T80-6	Tank 80-6	VOC	"	
T80-7	Tank 80-7	VOC	"	
T80-8	Tank 80-8	VOC	"	
T80-9	Tank 80-9	VOC	"	
T80-10	Tank 80-10	VOC	"	
T80-11	Tank 80-11	VOC	"	

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			lb/hr	TPY**
T80-12	Tank 80-12	VOC	See Totals Below	
T80-13	Tank 80-13	VOC		
T80-14	Tank 80-14	VOC	"	
T80-15	Tank 80-15	VOC	"	
T80-16	Tank 80-16	VOC	"	
T80-17	Tank 80-17	VOC	"	
T80-18	Tank 80-18	VOC	"	
T80-19	Tank 80-19	VOC	"	
T80-20	Tank 80-20	VOC	"	
T80-21	Tank 80-21	VOC	"	
T80-22	Tank 80-22	VOC	"	
T80-23	Tank 80-23	VOC	"	
T80-24	Tank 80-24	VOC	"	
T80-25	Tank 80-25	VOC	"	
T80-26	Tank 80-26	VOC	"	
T80-27	Tank 80-27	VOC	"	
T80-28	Tank 80-28	VOC	"	
T80-29	Tank 80-29	VOC	"	
T80-30	Tank 80-30	VOC	"	
T80-31	Tank 80-31	VOC	"	
T80-32	Tank 80-32	VOC	See Totals	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
T80-33	Tank 80-33	VOC	Below	
T80-34	Tank 80-34	VOC	"	
T80-35	Tank 80-35	VOC	"	
T80-36	Tank 80-36	VOC	"	
T80-37	Tank 80-37	VOC	"	
T80-38	Tank 80-38	VOC	"	
T175-1	Tank 175-1	VOC	"	
T175-2	Tank 175-2	VOC	"	
T175-3	Tank 175- 3	VOC	"	
T175-4	Tank 175-4	VOC	"	
T200-1	Tank 200-1	VOC	"	
T200-2	Tank 200-2	VOC	"	
T200-3	Tank 200-3	VOC	"	
T200-4	Tank 200-4	VOC	"	
T200-5	Tank 200-5	VOC	"	
T200-6	Tank 200-6	VOC	"	
T200-7	Tank 200-7	VOC	"	
T200-8	Tank 200-8	VOC	"	
T200-9	Tank 200-9	VOC	"	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
T250-1	Tank 250-1	VOC	See Totals Below	
T250-2	Tank 250-2	VOC		
T250-3	Tank 250-3	VOC	"	
T250-4	Tank 250-4	VOC	"	
T250-5	Tank 250-5	VOC	"	
T250-6	Tank 250-6	VOC	"	
T250-7	Tank 250-7	VOC	"	
T250-8	Tank 250-8	VOC	"	
TTRC-1	Tank Truck and Railcar	VOC	"	
TTRC-2	West Side Tank	VOC	"	
TOTAL allowables for Tanks listed on Pages 1-4		VOC	67.97	71.40
B-1	Boiler No. 1	VOC	0.05	See Boilers 1-4 Totals Below
		NO _x	9.35	
		CO	0.85	
		SO ₂	8.01	
		PM	1.70	
B-2	Boiler No. 2	VOC	0.05	"
		NO _x	9.35	
		CO	0.85	
		SO ₂	8.01	
		PM	1.70	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
B-3	Boiler No. 3	VOC	0.05	"
		NO _x	9.35	"
		CO	0.85	"
		SO ₂	8.01	"
		PM	1.70	"
B-4	Boiler No. 4	VOC	0.05	"
		NO _x	9.35	"
		CO	0.85	"
		SO ₂	8.01	"
		PM	1.70	"
	Totals for Boiler Nos. 1 through 4	VOC	-	0.30
		NO _x	-	59.87
		CO	-	5.44
		SO ₂	-	51.27
		PM	-	10.89
T30-3	Tank 30-3	VOC	9.17	B
T30-4	Tank 30-4	VOC	9.17	B
T30-5	Tank 30-5	VOC	9.17	-
T30-6	Tank 30-6	VOC	9.17	-
T325-1	Tank 325-1	VOC	12.37	-
T325-2	Tank 325-2	VOC	12.37	-
T400-1	Tank 400-1	VOC	11.84	-
T400-2	Tank 400-2	VOC	11.84	-
T400-3	Tank 400-3	VOC	12.92	-

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
T400-4	Tank 400-4	VOC	12.92	-
T400-5	Tank 400-5	VOC	12.92	-
T400-6	Tank 400-6	VOC	12.92	-
T400-7	Tank 400-7	VOC	12.92	-
T400-8	Tank 400-8	VOC	12.92	-
T400-9	Tank 400-9	VOC	12.92	-
T400-10	Tank 400-10	VOC	12.92	-
T400-11	Tank 400-11	VOC	12.92	-
Total annual allowable for EPNs T30-3 through T400-11			VOC 122.39	
T3-1	Tank 3-1	VOC	0.11	0.02
T11-1	Tank 11-1	VOC	0.01	0.01
FU-4	Fugitives (4)	VOC	1.59	6.98
T37-1	Tank 37-1	VOC	0.85	0.05
T37-2	Tank 37-2	VOC	0.85	0.05
T220-1	Tank 220-1	VOC	1.83	0.41
T266-1	Tank 266-1	VOC	1.83	0.49
T266-2	Tank 266-2	VOC	1.83	0.49

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

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- (2) Specific point source names. For fugitive sources, use an 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
 CO - carbon monoxide
 SO₂ - sulfur dioxide
 PM - particulate matter, suspended in the atmosphere, including PM₁₀
 PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) The cumulative emission rate for the above-listed tanks shall not exceed this total emission rate limit.

* Emission rates are based on operations 8,760 Hrs/year.

** Compliance with annual emission limits is based on a rolling 12-month period.

Dated January 9, 2012