

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)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY**</u>
T20-1	Tank 20-1	VOC	Totals	See
T20-2	Tank 20-2	VOC		Below
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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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			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	"	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY**
T80-32	Tank 80-32	VOC	See Totals Below	
T80-33	Tank 80-33	VOC		
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	"	
T250-1	Tank 250-1	VOC	See	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
			Totals	
T250-2	Tank 250-2	VOC		Below
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
		NO _x 9.35		
		CO 0.85		
		SO ₂ 8.01		
		PM 1.70		
			Boilers 1-4 Totals Below	
B-2	Boiler No. 2	VOC	0.05	"
		NO _x 9.35	"	
		CO 0.85	"	
		SO ₂ 8.01	"	
		PM 1.70	"	
B-3	Boiler No. 3	VOC	0.05	"
		NO _x 9.35	"	

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				lb/hr	TPY**
		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	-
T30-4	Tank 30-4	VOC		9.17	-
T30-5	Tank 30-5	VOC		9.17	-
T30-6	Tank 30-6	VOC		9.17	-
T37-1	Tank 37-1	VOC		4.06	-
T37-2	Tank 37-2	VOC		4.06	-
T266-1	Tank 266-1	VOC		6.99	-
T266-2	Tank 266-2	VOC		6.99	-
T325-1	Tank 325-1	VOC		12.37	-
T325-2	Tank 325-2	VOC		12.37	-
T400-1	Tank 400-1	VOC		11.84	-

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
T400-2	Tank 400-2	VOC	11.84	-
T400-3	Tank 400-3	VOC	12.92	-
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 T400-11 139.13			VOC	
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

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

(2) Specific point source names. For fugitive sources, use an area name or fugitive source name.

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			lb/hr	TPY**

- (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.

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

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

Dated September 13, 2004