

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 5783

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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			<u>lb/hr</u>	<u>TPY**</u>
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	"	
T175-1	Tank 175-1	VOC	"	
T175-2	Tank 175-2	VOC	"	
T175-3	Tank 175- 3	VOC	"	
T175-4	Tank 175-4	VOC	See	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
			Totals Below	
T200-1	Tank 200-1	VOC		
T200-2	Tank 200-2	VOC		"
T200-3	Tank 200-3	VOC		"
T200-4	Tank 200-4	VOC		"
T200-6	Tank 200-6	VOC		"
T250-1	Tank 250-1	VOC		"
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		"
T266-1	Tank 266-1	VOC		"
T266-2	Tank 266-2	VOC		"
TTRC-1 and TTRC-2	Tank Truck and Railcar Loading Losses - East and West Loading Racks	VOC		"
	TOTAL - Pages 1-3	VOC	54.11	81.00

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			<u>lb/hr</u>	<u>TPY**</u>

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)		Emission Rates *		
				lb/hr	TPY**	
B-1	Boiler No. 1		VOC	0.05	See	
		NO _x	9.35	Boilers 1-4 Totals Below		
		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	"		
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		
B-5	Boiler No. 5		VOC	0.14	0.59	
		NO _x	1.50	6.57		
		CO	2.06	9.02		
		SO ₂	0.02	0.06		
		PM	0.19	0.82		

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
B-6	Boiler No. 6	VOC	0.14	0.59
		NO _x	1.50	6.57
		CO	2.06	9.02
		SO ₂	0.02	0.06
		PM	0.19	0.82
T37-1	Tank 37-1	VOC	4.06	1.31
T37-2	Tank 37-2	VOC	4.06	1.31
T80-29	Tank 80-29	VOC	1.93	0.14
T80-30	Tank 80-30	VOC	1.93	0.14
T80-31	Tank 80-31	VOC	1.93	0.14
T80-32	Tank 80-32	VOC	1.93	0.14
T80-33	Tank 80-33	VOC	1.93	0.14
T80-34	Tank 80-34	VOC	1.93	0.14
T80-35	Tank 80-35	VOC	1.93	0.14
T80-36	Tank 80-36	VOC	1.93	0.14
T80-37	Tank 80-37	VOC	1.93	0.14
T80-38	Tank 80-38	VOC	1.93	0.14
T200-5	Tank 200-5	VOC	2.44	0.45
T200-7	Tank 200-7	VOC	2.44	0.45

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY**</u>
T200-8	Tank 200-8	VOC	2.44	0.45
T200-9	Tank 200-9	VOC	1.22	0.37
T400-1	Tank 400-1	VOC	6.50	5.24
T400-2	Tank 400-2	VOC	6.50	5.24
T325-1	Tank 325-1	VOC	12.37	—
T325-2	Tank 325-2	VOC	12.37	—
Total for EPNs T325-1 and T-325-2 (5)		VOC		<u>41.79</u>
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	—
Total for EPNs T30-3 through T30-6 (5)		VOC		<u>66.13</u>
T3-1	Tank 3-1 (5)	VOC	0.11	0.02
T11-1	Tank 11-1	VOC	<0.01	<0.01
FU-4	Fugitives (4)	VOC	1.42	6.24

(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.

(3) VOC - volatile organic compounds as defined in 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.

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

(5) Total annual VOC emissions from EPNs T325-1, T325-2, T-30-3, T30-4, T30-5, T30-6 and T3-1

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			<u>lb/hr</u>	<u>TPY**</u>

shall not exceed 72.9 TPY.

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

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

Dated _____