

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 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)		Emission Rates *	
				lb/hr	TPY**
1 and 2	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		
1 and 2	Boiler No. 2		VOC	0.05	"
		NO _x	9.35	"	
		CO	0.85	"	
		SO ₂	8.01	"	
		PM	1.70	"	
1 and 2	Boiler No. 3		VOC	0.05	"
		NO _x	9.35	"	
		CO	0.85	"	
		SO ₂	8.01	"	
		PM	1.70	"	
1 and 2	Boiler No. 4		VOC	0.05	"
		NO _x	9.35	"	
		CO	0.85	"	
		SO ₂	8.01	"	
		PM	1.70	"	
1 and 2	Totals for Boiler Nos. 1-4		VOC	-	0.30
		NO _x	-	59.87	
		CO	-	5.44	
		SO ₂	-	51.27	
		PM	-	10.89	
3	Tank 20-1		VOC	See EPN 3	
3	Tank 20-2		VOC	Totals	Below

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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>
3	Tank 20-3	VOC	See EPN 3	
3	Tank 20-4	VOC	Totals Below	
3	Tank 30-1	VOC	"	
3	Tank 30-2	VOC	"	
3	Tank 80-1	VOC	"	
3	Tank 80-2	VOC	"	
3	Tank 80-3	VOC	"	
3	Tank 80-4	VOC	"	
3	Tank 80-5	VOC	"	
3	Tank 80-6	VOC	"	
3	Tank 80-7	VOC	"	
3	Tank 80-8	VOC	"	
3	Tank 80-9	VOC	"	
3	Tank 80-10	VOC	"	
3	Tank 80-11	VOC	"	
3	Tank 80-12	VOC	"	
3	Tank 80-13	VOC	"	
3	Tank 80-14	VOC	"	
3	Tank 80-15	VOC	"	
3	Tank 80-16	VOC	"	
3	Tank 80-17	VOC	See EPN 3	

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			lb/hr	TPY**
			Totals Below	
3	Tank 80-18	VOC		"
3	Tank 80-19	VOC		"
3	Tank 80-20	VOC		"
3	Tank 80-21	VOC		"
3	Tank 80-22	VOC		"
3	Tank 80-23	VOC		"
3	Tank 80-24	VOC		"
3	Tank 80-25	VOC		"
3	Tank 80-26	VOC		"
3	Tank 80-27	VOC		"
3	Tank 80-28	VOC		"
3	Tank 175-1	VOC		"
3	Tank 175-2	VOC		"
3	Tank 175- 3	VOC		"
3	Tank 175-4	VOC		"
3	Tank 200-1	VOC		"
3	Tank 200-2	VOC		"
3	Tank 200-3	VOC		"

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			lb/hr	TPY**
3	Tank 200-4	VOC		"
3	Tank 200-6	VOC		See EPN 3
			Totals Below	
3	Tank 250-1	VOC		"
3	Tank 250-2	VOC		"
3	Tank 250-3	VOC		"
3	Tank 250-4	VOC		"
3	Tank 250-5	VOC		"
3	Tank 250-6	VOC		"
3	Tank 250-7	VOC		"
3	Tank 250-8	VOC		"
3	Tank 266-1	VOC		"
3	Tank 266-2	VOC		"
3	Tank Truck and Railcar Loading Losses - East and West Loading Racks	VOC		"
	TOTAL FOR EPN 3	VOC	54.11	81.00
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**
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
37-1	Tank 37-1	VOC	4.06	1.31
37-2	Tank 37-2	VOC	4.06	1.31
80-29	Tank 80-29	VOC	0.05	0.14
80-30	Tank 80-30	VOC	0.05	0.14
80-31	Tank 80-31	VOC	0.05	0.14
80-32	Tank 80-32	VOC	0.05	0.14
80-33	Tank 80-33	VOC	0.05	0.14
80-34	Tank 80-34	VOC	0.05	0.14
80-35	Tank 80-35	VOC	0.05	0.14
80-36	Tank 80-36	VOC	0.05	0.14
80-37	Tank 80-37	VOC	0.05	0.14
80-38	Tank 80-38	VOC	0.05	0.14
200-5	Tank 200-5	VOC	0.05	0.45

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			lb/hr	TPY**
200-7	Tank 200-7	VOC	0.05	0.45
200-8	Tank 200-8	VOC	0.05	0.45
400-1	Tank 400-1	VOC	6.50	5.24
400-2	Tank 400-2	VOC	6.50	5.24
92-4	Tank 325-1	VOC	12.37	—
92-5	Tank 325-2	VOC	12.37	—
Total for EPNs 92-4 and 92-5 (5)		VOC		41.79
92-12	Tank 30-3	VOC	9.17	—
92-13	Tank 30-4	VOC	9.17	—
92-14	Tank 30-5	VOC	9.17	—
92-15	Tank 30-6	VOC	9.17	—
Total for EPNs 92-12 through 92-15 (5)		VOC		66.13
92-16	Tank 3-1 (5)	VOC	0.11	0.02
92-17	Fugitives (4)	VOC	1.34	5.89

- (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 Section 101.1
 NO_x - total oxides of nitrogen
 CO - carbon monoxide

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			lb/hr	TPY**

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 92-4, 92-5, 92-12, 92-13, 92-14, 92-15, and 92-16 shall not exceed 72.9 TPY.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

8,760 Hrs/year

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

Dated April 7, 2000