

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 49456

This table lists the maximum allowable emission rates for all sources of air contaminants covered by this permit.

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant	<u>Emission Rates</u>	
			Name (3)	lb/hr
	TPY(4)			
G-14	Treating and Teeming	PM	24.5	21.00
I-1	South Slab Furnace	VOC	1.30	4.13
		PM	1.79	5.70
		NO _x	23.60	75.00
		CO	19.82	63.00
		SO ₂	0.14	0.45
I-2	North Slab Furnace	VOC	1.30	4.13
		PM	1.79	5.70
		NO _x	23.60	75.00
		CO	19.82	63.00
		SO ₂	0.14	0.45
I-4	Roller Hearth and Reel Furnaces 1 and 2	VOC	0.21	0.55
		PM	0.29	0.76
		NO _x	3.85	10.00
		CO	3.23	8.40
		SO ₂	0.02	0.06
I-5	Soaking Pit Burners	VOC (5)	0.99	3.16
		PM (5)	1.37	4.37
		NO _x (5)	18.01	57.50
		CO (5)	15.12	48.30
		SO ₂ (5)	0.11	0.35
J-3	#2 Q&T Quench Furnace	VOC	0.23	0.83
		PM	0.31	1.14
		NO _x	4.11	15.00
		CO	3.45	12.60
		SO ₂	0.02	0.09

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY (4)
J-4	#2 Q&T Temper Furnace	VOC	0.17	0.59
		PM	0.23	0.82
		NO _x	3.00	10.75
		CO	2.52	9.03
		SO ₂	0.02	0.06
K-0	160 MMBtu/hr Boiler	VOC	0.88	0.66
		PM	1.22	0.91
		NO _x	44.80	33.60
		CO	13.44	10.08
		SO ₂	0.10	0.07
K-1	160 MMBtu/hr Boiler	VOC	0.88	0.66
		PM	1.22	0.91
		NO _x	44.80	33.60
		CO	13.44	10.08
		SO ₂	0.10	0.07
K-4	326 MMBtu/hr Boiler	VOC	1.79	1.34
		PM	2.48	1.86
		NO _x	91.28	68.46
		CO	27.38	20.54
		SO ₂	0.20	0.15
K-5	326 MMBtu/hr Boiler	VOC	1.79	1.34
		PM	2.48	1.86
		NO _x	91.28	68.46
		CO	27.38	20.54
		SO ₂	0.20	0.15

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY (4)
Sitewide		Single HAP		<10.00
		Multiple HAP		<25.00

(1) Emission point identification

(2) Specific point source name.

(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1.

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

PM - particulate matter, suspended in the atmosphere, including PM₁₀.

CO - carbon monoxide

HAP - hazardous air pollutant

(4) Rate is for a rolling 12-consecutive months.

(5) Rates are the sum of Soaking Pit Burners 1-16

Dated _____