

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 19215

The total emissions of air contaminants from any of the sources listed on this table shall not exceed the stated values. The emission rates shown are those derived from information submitted as part of the application for permit. The annual emission rates (in TPY) are based on a rolling 12-month period.

AIR CONTAMINANTS DATA

Emission Point No.	Source (1) Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY
OSH-1	Oven 301 - Horizontal 0.61	Oven Stack 1	VOC	0.166
WCH-1	Oven 301 - Horizontal 0.33	Wire Cooler 1	VOC	0.088
OSH-2	Oven 301 - Horizontal 0.49	Oven Stack 2	VOC	0.133
WCH-2	Oven 301 - Horizontal 0.26	Wire Cooler 2	VOC	0.071
OSH-3	Oven 302 - Horizontal 0.61	Oven Stack 3	VOC	0.166
WCH-3	Oven 302 - Horizontal 0.33	Wire Cooler 3	VOC	0.088
OSH-4	Oven 302 - Horizontal 0.49	Oven Stack 4	VOC	0.133
WCH-4	Oven 302 - Horizontal 0.26	Wire Cooler 4	VOC	0.071
OSH-5	Oven 303 - Horizontal 0.61	Oven Stack 5	VOC	0.166
WCH-5	Oven 303 - Horizontal 0.33	Wire Cooler 5	VOC	0.088
OSH-6	Oven 303 - Horizontal 0.49	Oven Stack 6	VOC	0.133
WCH-6	Oven 303 - Horizontal 0.26	Wire Cooler 6	VOC	0.071
OSH-7	Oven 304 - Horizontal 0.61	Oven Stack 7	VOC	0.166
WCH-7	Oven 304 - Horizontal 0.33	Wire Cooler 7	VOC	0.088
OSH-8	Oven 304 - Horizontal 0.49	Oven Stack 8	VOC	0.133

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Emission Rates Point No.	Source (1) Name (2)	Air Contaminant Name (3)	Emission	
			lb/hr	TPY
WCH-8	Oven 304 - Horizontal Wire Cooler 8 0.26	VOC		0.071
OSH-9	Oven 305 - Horizontal Oven Stack 9 0.61	VOC		0.166
WCH-9	Oven 305 - Horizontal Wire Cooler 9 0.33	VOC		0.088
OSH-10	Oven 305 - Horizontal Oven Stack 10 0.49	VOC		0.133
WCH-10	Oven 305 - Horizontal Wire Cooler 10 0.26	VOC		0.071
OSH-11	Oven 306 - Horizontal Oven Stack 11 0.76	VOC		0.205
WCH-11	Oven 306 - Horizontal Wire Cooler 11 0.40	VOC		0.109
OSH-12	Oven 307 - Horizontal Oven Stack 12 0.76	VOC		0.205
WCH-12	Oven 307 - Horizontal Wire Cooler 12 0.40	VOC		0.109
OSH-13	Oven 308 - Horizontal Oven Stack 13 0.63	VOC		0.171
WCH-13	Oven 308 - Horizontal Wire Cooler 13 0.34	VOC		0.091
OSH-14	Oven 309 - Horizontal Oven Stack 14 1.26	VOC		0.340
WCH-14	Oven 309 - Horizontal Wire Cooler 14 0.67	VOC		0.181
OSH-15	Oven 310 - Horizontal Oven Stack 15 1.26	VOC		0.340
WCH-15	Oven 310 - Horizontal Wire Cooler 15 0.67	VOC		0.181
OSH-16	Oven 311 - Horizontal Oven Stack 16 1.26	VOC		0.340
WCH-16	Oven 311 - Horizontal Wire Cooler 16 0.67	VOC		0.181

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Emission Rates Point No.	Source (1) Name (2)	Air Contaminant Name (3)	Emission	
			lb/hr	TPY
OSV-13	Oven 401 - Vertical	Oven Stack 13	VOC	0.242
	0.90			
WCV-13	Oven 401 - Vertical	Wire Cooler 13	VOC	0.129
	0.48			
OSV-14	Oven 401 - Vertical	Oven Stack 14	VOC	0.145
	0.54			
WCV-14	Oven 401 - Vertical	Wire Cooler 14	VOC	0.077
	0.29			
OSV-10	Oven 402 - Vertical	Oven Stack 10	VOC	0.242
	0.90			
WCV-10	Oven 402 - Vertical	Wire Cooler 10	VOC	0.129
	0.48			
OSV-11	Oven 402 - Vertical	Oven Stack 11	VOC	0.145
	0.54			
WCV-11	Oven 402 - Vertical	Wire Cooler 11	VOC	0.077
	0.29			
OSV-7	Oven 403 - Vertical	Oven Stack 7	VOC	0.242
	0.90			
WCV-7	Oven 403 - Vertical	Wire Cooler 7	VOC	0.129
	0.48			
OSV-8	Oven 403 - Vertical	Oven Stack 8	VOC	0.145
	0.54			
WCV-8	Oven 403 - Vertical	Wire Cooler 8	VOC	0.077
	0.29			
OSV-6	Oven 404 - Vertical	Oven Stack 6	VOC	0.444
	1.65			
WCV-6	Oven 404 - Vertical	Wire Cooler 6	VOC	0.236
	0.88			
OSV-5	Oven 405 - Vertical	Oven Stack 5	VOC	0.444
	1.65			
WCV-5	Oven 405 - Vertical	Wire Cooler 5	VOC	0.236
	0.88			
OSV-1	Oven 406 - Vertical	Oven Stack 1	VOC	0.048
	0.18			
WCV-1	Oven 406 - Vertical	Wire Cooler 1	VOC	0.026

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Emission Rates Point No.	Source (1) Name (2)	Air Contaminant Name (3)	Emission	
			lb/hr	TPY
OSV-2	0.10 Oven 406 - Vertical	Oven Stack 2	VOC	0.048
WCV-2	0.18 Oven 406 - Vertical	Wire Cooler 2	VOC	0.026
OSV-3	0.10 Oven 406 - Vertical	Oven Stack 3	VOC	0.058
WCV-3	0.22 Oven 406 - Vertical	Wire Cooler 3	VOC	0.031
OSV-15	0.11 Oven 407 - Vertical	Oven Stack 15	VOC	0.385
WCV-15	1.43 Oven 407 - Vertical	Wire Cooler 15	VOC	0.205
OSV-16	0.76 Oven 408 - Vertical	Oven Stack 16	VOC	0.208
WCV-16	0.77 Oven 408 - Vertical	Wire Cooler 16	VOC	0.110
OSV-17	0.41 Oven 408 - Vertical	Oven Stack 17	VOC	0.208
WCV-17	0.77 Oven 408 - Vertical	Wire Cooler 17	VOC	0.110
OSV-18	0.41 Oven 408 - Vertical	Oven Stack 18	VOC	0.208
WCV-18	0.77 Oven 408 - Vertical	Wire Cooler 18	VOC	0.110
OSV-19	0.41 Oven 409 - Vertical	Oven Stack 19	VOC	0.208
WCV-19	0.77 Oven 409 - Vertical	Wire Cooler 19	VOC	0.110
OSV-20	0.41 Oven 409 - Vertical	Oven Stack 20	VOC	0.208
WCV-20	0.77 Oven 409 - Vertical	Wire Cooler 20	VOC	0.110
OSV-21	0.41 Oven 409 - Vertical	Oven Stack 21	VOC	0.208

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Emission Rates Point No.	Source (1) Name (2)	Air Contaminant Name (3)	Emission	
			lb/hr	TPY
WCV-21	Oven 409 - Vertical Wire Cooler 21 0.41	VOC	0.110	
OSV-22	Oven 410 - Vertical Oven Stack 22 0.77	VOC	0.208	
WCV-22	Oven 410 - Vertical Wire Cooler 22 0.41	VOC	0.110	
OSV-23	Oven 410 - Vertical Oven Stack 23 0.77	VOC	0.208	
WCV-23	Oven 410 - Vertical Wire Cooler 23 0.41	VOC	0.110	
OSV-24	Oven 410 - Vertical Oven Stack 24 0.77	VOC	0.208	
WCV-24	Oven 410 - Vertical Wire Cooler 24 0.41	VOC	0.110	
OSV-25	Oven 411 - Vertical Oven Stack 25 0.77	VOC	0.208	
WCV-25	Oven 411 - Vertical Wire Cooler 25 0.41	VOC	0.110	
OSV-26	Oven 411 - Vertical Oven Stack 26 0.77	VOC	0.208	
WCV-26	Oven 411 - Vertical Wire Cooler 26 0.41	VOC	0.110	
OSV-27	Oven 411 - Vertical Oven Stack 27 0.77	VOC	0.208	
WCV-27	Oven 411 - Vertical Wire Cooler 27 0.41	VOC	0.110	
EF-19	Basement Exhaust Fan	VOC	0.62	2.30
EF-20	Basement Exhaust Fan	VOC	0.62	2.30
EF-21	Basement Exhaust Fan	VOC	0.62	2.30
EF-22	Basement Exhaust Fan	VOC	0.62	2.30
EF-23	Basement Exhaust Fan	VOC	0.62	2.30
EF-24	Basement Exhaust Fan	VOC	0.62	2.30
EF-1	Room Exhaust Fan	VOC	0.38	1.41
EF-2	Room Exhaust Fan	VOC	0.38	1.41
EF-3	Room Exhaust Fan	VOC	0.38	1.41

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Emission Rates Point No.	Source (1) Name (2)	Air Contaminant Name (3)	Emission	
			lb/hr	TPY
EF-4	Room Exhaust Fan	VOC	0.38	1.41
EF-5	Room Exhaust Fan	VOC	0.38	1.41
EF-6	Room Exhaust Fan	VOC	0.38	1.41
EF-7	Room Exhaust Fan	VOC	0.38	1.41
EF-8	Room Exhaust Fan	VOC	0.38	1.41
EF-9	Room Exhaust Fan	VOC	0.38	1.41
EF-10	Room Exhaust Fan	VOC	0.38	1.41
EF-11	Room Exhaust Fan	VOC	0.38	1.41
EF-12	Room Exhaust Fan	VOC	0.38	1.41
EF-13	Room Exhaust Fan	VOC	0.38	1.41
EF-14	Room Exhaust Fan	VOC	0.38	1.41
EF-15	Room Exhaust Fan	VOC	0.38	1.41
EF-16	Room Exhaust Fan	VOC	0.38	1.41
ENAMELTANK	Three Enamel Storage Tanks	VOC	0.14	0.50
EU-1	Water Evaporator Units 1 and 2	VOC	0.46	1.70
		POC	0.054	0.21

- (1) Emission point number from Table 1(a) dated November 2, 1995 and as corrected per letter dated October 29, 1996.
- (2) Emission point name from Table 1(a) dated November 2, 1995 and as corrected per letter dated October 29, 1996.
- (3) VOC -volatile organic compounds as defined in General Rules 101.1.
 POC -products of natural gas combustion, including NO_x, CO, PM, VOC, and SO₂.
 NO_x -total oxides of nitrogen.
 CO -carbon monoxide
 PM -particulate matter emissions, including PM₁₀, as defined in 30 TAC Section 101.1 (General Rules).
 PM₁₀ -PM₁₀ emissions, as defined in General Rules 101.1.
 SO₂ -sulfur dioxide.

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

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<u>Emission</u> <u>Rates</u>	<u>Source</u>	<u>Air Contaminant</u>	<u>Emission</u>
<u>Point No.</u>	<u>(1) Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u> <u>TPY</u>
<u>24</u>	<u>Hrs/day</u>	<u>7</u>	<u>Days/week</u>
<u>8,760</u>	<u>Hrs/year</u>	<u>52</u>	<u>Weeks/year or</u>

Dated _____