

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 and are the maximum rates allowed for these sources. The annual emission rates are based on a rolling 12-month period.

AIR CONTAMINANTS DATA

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

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AIR CONTAMINANTS DATA

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

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Emission * Point No.	Source (1) Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
	0.67			
OSV-13	Oven 401 - Vertical	Oven Stack 13VOC	0.242	0.90
WCV-13	Oven 401 - Vertical	Wire Cooler 13	VOC	0.129
	0.48			
OSV-14	Oven 401 - Vertical	Oven Stack 14VOC	0.145	0.54
WCV-14	Oven 401 - Vertical	Wire Cooler 14	VOC	0.077
	0.29			
OSV-10	Oven 402 - Vertical	Oven Stack 10VOC	0.242	0.90
WCV-10	Oven 402 - Vertical	Wire Cooler 10	VOC	0.129
	0.48			
OSV-11	Oven 402 - Vertical	Oven Stack 11VOC	0.145	0.54
WCV-11	Oven 402 - Vertical	Wire Cooler 11	VOC	0.077
	0.29			
OSV-7	Oven 403 - Vertical	Oven Stack 7VOC	0.242	0.90
WCV-7	Oven 403 - Vertical	Wire Cooler 7VOC	0.129	0.48
OSV-8	Oven 403 - Vertical	Oven Stack 8VOC	0.145	0.54
WCV-8	Oven 403 - Vertical	Wire Cooler 8VOC	0.077	0.29
OSV-6	Oven 404 - Vertical	Oven Stack 6VOC	0.444	1.65
WCV-6	Oven 404 - Vertical	Wire Cooler 6VOC	0.236	0.88
OSV-5	Oven 405 - Vertical	Oven Stack 5VOC	0.444	1.65
WCV-5	Oven 405 - Vertical	Wire Cooler 5VOC	0.236	0.88
OSV-1	Oven 406 - Vertical	Oven Stack 1VOC	0.048	0.18
WCV-1	Oven 406 - Vertical	Wire Cooler 1VOC	0.026	0.10
OSV-2	Oven 406 - Vertical	Oven Stack 2VOC	0.048	0.18
WCV-2	Oven 406 - Vertical	Wire Cooler 2VOC	0.026	0.10
OSV-3	Oven 406 - Vertical	Oven Stack 3VOC	0.058	0.22
WCV-3	Oven 406 - Vertical	Wire Cooler 3VOC	0.031	0.11
OSV-16	Oven 407 - Vertical	Oven Stack 16VOC	0.385	1.43
WCV-16	Oven 407 - Vertical	Wire Cooler 16	VOC	0.205
	0.76			
OSV-17	Oven 408 - Vertical	Oven Stack 17VOC	0.208	0.77
WCV-17	Oven 408 - Vertical	Wire Cooler 17	VOC	0.110
	0.41			
OSV-18	Oven 408 - Vertical	Oven Stack 18VOC	0.208	0.77
WCV-18	Oven 408 - Vertical	Wire Cooler 18	VOC	0.110

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Emission * Point No.	Source (1) Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
	0.41			
OSV-19	Oven 408 - Vertical	Oven Stack 19VOC	0.208	0.77
WCV-19	Oven 408 - Vertical	Wire Cooler 19	VOC	0.110
	0.41			
OSV-20	Oven 409 - Vertical	Oven Stack 20VOC	0.208	0.77
WCV-20	Oven 409 - Vertical	Wire Cooler 20	VOC	0.110
	0.41			
OSV-21	Oven 409 - Vertical	Oven Stack 21VOC	0.208	0.77
WCV-21	Oven 409 - Vertical	Wire Cooler 21	VOC	0.110
	0.41			
OSV-22	Oven 409 - Vertical	Oven Stack 22VOC	0.208	0.77
WCV-22	Oven 409 - Vertical	Wire Cooler 22	VOC	0.110
	0.41			
OSV-23	Oven 410 - Vertical	Oven Stack 23VOC	0.208	0.77
WCV-23	Oven 410 - Vertical	Wire Cooler 23	VOC	0.110
	0.41			
OSV-24	Oven 410 - Vertical	Oven Stack 24VOC	0.208	0.77
WCV-24	Oven 410 - Vertical	Wire Cooler 24	VOC	0.110
	0.41			
OSV-25	Oven 410 - Vertical	Oven Stack 25VOC	0.208	0.77
WCV-25	Oven 410 - Vertical	Wire Cooler 25	VOC	0.110
	0.41			
OSV-26	Oven 411 - Vertical	Oven Stack 26VOC	0.208	0.77
WCV-26	Oven 411 - Vertical	Wire Cooler 26	VOC	0.110
	0.41			
OSV-27	Oven 411 - Vertical	Oven Stack 27VOC	0.208	0.77
WCV-27	Oven 411 - Vertical	Wire Cooler 27	VOC	0.110
	0.41			
OSV-28	Oven 411 - Vertical	Oven Stack 28VOC	0.208	0.77
WCV-28	Oven 411 - Vertical	Wire Cooler 28	VOC	0.110
	0.41			
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

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
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
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.

(2) Emission point name from Table 1(a) dated November 2, 1995.

(3) VOC - volatile organic compounds as defined in 30 TAC 101.1 (General Rules).

POC - products of natural gas combustion, including NO_x, CO, PM, VOC, and SO₂.

NO_x - total oxides of nitrogen.

CO - carbon monoxide

PM - total particulate matter, including PM₁₀.

PM₁₀ - particulate matter less than 10 microns in diameter.

SO₂ - sulfur dioxide.

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Point No.	(1) Name (2)	Name (3)	lb/hr TPY

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

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Dated 12-19-95