

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 19215

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit.

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY (4)
Horizontal Ovens				
OSH-1 and OSH-2	Oven 301	VOC	0.31	1.37
WCH-1 and WCH-2	Oven 301 Wire Cooler	VOC	0.22	0.98
OSH-3 and OSH-4	Oven 302	VOC	0.31	1.37
WCH-3 and WCH-4	Oven 302 Wire Cooler	VOC	0.22	0.98
OSH-5 and OSH-6	Oven 303	VOC	0.31	1.37
WCH-5 and WCH 6	Oven 303 Wire Cooler	VOC	0.22	0.98
OSH-7 and OSH-8	Oven 304	VOC	0.31	1.37
WCH-7 and WCH-8	Oven 304 Wire Cooler	VOC	0.22	0.98
OSH-9 and OSH-10	Oven 305	VOC	0.31	1.37
WCH-9 and WCH-10	Oven 305 Wire Cooler	VOC	0.22	0.98
OSH-11	Oven 306	VOC	0.23	1.02
WCH-11	Oven 306 Wire Cooler	VOC	0.16	0.72
OSH-12	Oven 307	VOC	0.23	1.02
WCH-12	Oven 307 Wire Cooler	VOC	0.16	0.72
OSH-13	Oven 308	VOC	0.23	1.00
WCH-13	Oven 308 Wire Cooler	VOC	0.16	0.71
OSH-14	Oven 309	VOC	0.23	1.00
WCH-14	Oven 309 Wire Cooler	VOC	0.16	0.71
OSH-15	Oven 310	VOC	0.23	1.00
WCH-15	Oven 310 Wire Cooler	VOC	0.16	0.71
OSH-16	Oven 311	VOC	0.23	1.00

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY (4)
WCH-16	Oven 311 Wire Cooler	VOC	0.16	0.71
OSH-17, OSH-18, and OSH-19	Oven 312	VOC	0.07	0.30
WRH-1	Oven 312 Wire Return	VOC	0.04	0.19
WCH-17	Oven 312 Wire Cooler	VOC	0.12	0.53
CCSH-1	Oven 312 Condensate Collector	VOC	0.07	0.31
OSH-20, OSH-21, and OSH-22	Oven 313	VOC	0.07	0.30
WRH-2	Oven 313 Wire Return	VOC	0.04	0.19
WCH-18	Oven 313 Wire Cooler	VOC	0.12	0.53
CCSH-2	Oven 313 Condensate Collector	VOC	0.07	0.31
OSH-23, OSH-24, and OSH-25	Oven 314	VOC	0.07	0.30
WRH-3	Oven 314 Wire Return	VOC	0.04	0.19
WCH-19	Oven 314 Wire Cooler	VOC	0.12	0.53
CCSH-3	Oven 314 Condensate Collector	VOC	0.07	0.31
OSH-26, OSH-27, and OSH-28	Oven 315	VOC	0.07	0.30
WRH-4	Oven 315 Wire Return	VOC	0.04	0.19
WCH-20	Oven 315 Wire Cooler	VOC	0.12	0.53
CCSH-4	Oven 315 Condensate Collector	VOC	0.07	0.31
OSH-29, OSH-30, and OSH-31	Oven 316	VOC	0.07	0.30
WRH-5	Oven 316 Wire Return	VOC	0.04	0.19
WCH-21	Oven 316 Wire Cooler	VOC	0.12	0.53
CCSH-5	Oven 316 Condensate Collector	VOC	0.07	0.31
OSH-32, OSH-33, and OSH-34	Oven 317	VOC	0.07	0.30

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY (4)
WRH-6	Oven 317 Wire Return	VOC	0.04	0.19
WCH-22	Oven 317 Wire Cooler	VOC	0.12	0.53
CCSH-6	Oven 317 Condensate Collector	VOC	0.07	0.31
OSH-35, OSH-36, and OSH-37	Oven 318	VOC	0.07	0.30
WRH-7	Oven 318 Wire Return	VOC	0.04	0.19
WCH-23	Oven 318 Wire Cooler	VOC	0.12	0.53
CCSH-7	Oven 318 Condensate Collector	VOC	0.07	0.31
<b>Vertical Ovens</b>				
OSV-13 and OSV-14	Oven 401	VOC	0.26	1.14
WCV-13 and WCV-14	Oven 401 Wire Cooler	VOC	0.18	0.81
OSV-10 and OSV-11	Oven 402	VOC	0.26	1.14
WCV-10 and WCV-11	Oven 402 Wire Cooler	VOC	0.18	0.81
OSV-7 and OSV-8	Oven 403	VOC	0.26	1.14
WCV-7 and WCV-8	Oven 403 Wire Cooler	VOC	0.18	0.81
OSV-6	Oven 404	VOC	0.26	1.15
WCV-6	Oven 404 Wire Cooler	VOC	0.19	0.82
OSV-1, OSV-2, and 1 OSV-3	Oven 406	VOC	0.10	0.46
WCV-1, WCV-2, and WCV-3	Oven 406 Wire Cooler	VOC	0.07	0.33
OSV-16	Oven 407	VOC	0.26	1.15
WCV-16	Oven 407 Wire Cooler	VOC	0.19	0.82
OSV-17, OSV-18, and OSV-19	Oven 408	VOC	0.36	1.56
WCV-17, WCV-18,	Oven 408 Wire Cooler	VOC	0.25	1.11

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY (4)
and WCV-19				
OSV-20, OSV-21, and OSV-22	Oven 409	VOC	0.36	1.56
WCV-20, WCV-21, and WCV-22	Oven 409 Wire Cooler	VOC	0.25	1.11
OSV-23, OSV-24, and OSV-25	Oven 410	VOC	0.36	1.56
WCV-23, WCV-24 and WCV-25	Oven 410 Wire Cooler	VOC	0.25	1.11
OSV-26, OSV-27, and OSV-28	Oven 411	VOC	0.36	1.56
WCV-26, WCV-27, and WCV-28	Oven 411 Wire Cooler	VOC	0.25	1.11
OSV-29, OSV-30, and OSV-31	Oven 412	VOC	0.36	1.56
WCV-29, WCV-30, and WCV-31	Oven 412 Wire Cooler	VOC	0.25	1.11
OSV-32, OSV-33, and OSV-34	Oven 413	VOC	0.36	1.56
WCV-32, WCV-33, and WCV-34	Oven 413 Wire Cooler	VOC	0.25	1.11
OSV-35 and OSV-36	Oven 414	VOC	0.07	0.30
WCV-35 and WCV-36	Oven 414 Wire Cooler	VOC	0.22	0.93

**Exhaust Fans**

EF-1 through EF-16	Wire Coating (5)	VOC	11.72	51.36
EF-19 through EF-24	103 Portable Mix Tanks	VOC	4.93	21.60

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Emission	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY (4)
Others				
ET-1	VRS-1 Enamel Storage Tank vented through a carbon canister		0.11	0.01
ET-2	VRS-2 Enamel Storage Tank vented through a carbon canister		0.11	0.01
ET-3	VRS-3 Enamel Storage Tank vented through a carbon canister		0.11	0.01
ET-4	VRS-4 Enamel Storage Tank vented through a carbon canister		0.09	0.01
EU-1 and EU-2	Two Water Evaporators	VOC	0.52	2.24
		NO <sub>x</sub>	0.11	0.49
		CO	0.09	0.41
		PM	0.01	0.03
		SO <sub>2</sub>	<0.01	<0.01

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (1) Emission point number.
- (2) Specific Source Name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1.
  - NO<sub>x</sub> - total oxides of nitrogen.
  - CO - carbon monoxide.
  - PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>.
  - PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter.
  - SO<sub>2</sub> - sulfur dioxide.
- (4) Compliance with annual emission limits is based on a rolling 12-month period.
- (5) Uncaptured emissions from enameling machines, dry lubricant application, totes, and cold cleaning units.

Dated July 12, 2004