

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 19215

This table lists the maximum allowable emission rates for all sources of air contaminants covered by this permit. The annual rates (tons per year [TPY]) are based on any consecutive 12-month period.

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
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
WCH-16	Oven 311 Wire Cooler	VOC	0.16	0.71
OSH-17, OSH-18, and OSH-19	Oven 312	VOC	0.07	0.29
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	0.29
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	0.29
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	0.29
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	0.29
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	0.29

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY
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	0.29
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

### Vertical Ovens

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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			lb/hr	TPY
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	0.29
WCV-35 and WCV-36	Oven 414 Wire Cooler	VOC	0.21	0.93

### Exhaust Fans

EF-1 through EF-16	Wire Coating (4)	VOC	11.72	51.33
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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY
EF-19 through EF-24	103 Portable Mix Tanks	VOC	4.93	21.58
<b>Others</b>				
ET-1 through ET-4	Four Enamel Storage Tanks vented through carbon adsorber canisters	VOC	0.01	0.04
EU-1 and EU-2	Two Water Evaporators	VOC	0.51	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

(1) Emission point number.

(2) Specific Source Name.

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

NO<sub>x</sub> - total oxides of nitrogen.

CO - carbon monoxide

PM - particulate matter emissions, including PM<sub>10</sub>, as defined in 30 TAC Section 101.1

PM<sub>10</sub> - PM<sub>10</sub> emissions, as defined in 30 TAC Section 101.1

SO<sub>2</sub> - sulfur dioxide.

(4) Uncaptured emissions from enameling machines, dry lubricant application, totes, and cold cleaning units.

Dated \_\_\_\_\_