

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 7171

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. 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 facilities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

## AIR CONTAMINANTS DATA

Emission *	Old	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>		<u>EPN</u>	<u>Name (2)</u>	<u>Name</u>	
<u>(3)</u>	<u>lb/hr</u>	<u>TPY</u>			
DC-1	S3	Blast Cleaning	PM	1.71	5.62
DC-2	S4	Blast Cleaning	PM	1.71	5.62
DC-3	S5	Blast Cleaning	PM	1.71	5.62
DC-4**	--	Blast Cleaning	PM	1.71	3.47
DC-5	S12	Blast Cleaning	PM	1.71	3.47
OINC-1	S1	Pickle Oven	VOC	9.10	0.12
			NO <sub>x</sub>	2.38	5.22
			CO	5.58	0.85
			SO <sub>2</sub>	0.01	0.02
			PM <sub>10</sub>	0.17	0.38
OINC-2	S2	Pickle Oven	VOC	9.10	0.12
			NO <sub>x</sub>	2.38	5.22
			CO	5.58	0.85
			SO <sub>2</sub>	0.01	0.02
			PM <sub>10</sub>	0.17	0.38
OC-1	S11	Bake Oven (Coupling)	VOC	1.30	0.02
			NO <sub>x</sub>	0.34	0.50
			CO	0.30	0.06
			SO <sub>2</sub>	0.01	0.01
			PM <sub>10</sub>	0.02	0.04

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Emission *	Old	Source	Air Contaminant	Emission Rates	
Point No. (1)		EPN	Name (2)	Name	
(3)	lb/hr	TPY			
OFB-1	S10	Final Bake Oven	VOC	4.55	0.08
			NO <sub>x</sub>	1.19	2.61
			CO	1.05	0.31
			SO <sub>2</sub>	0.01	0.01
			PM <sub>10</sub>	0.08	0.18
OIB-1	S6 8.92	Intermediate Bake Oven	VOC	2.28	
			NO <sub>x</sub>	0.60	2.61
			CO	0.53	0.31
			SO <sub>2</sub>	0.01	0.01
			PM <sub>10</sub>	0.04	0.18
OIB-2	S8 11.40	Intermediate Bake Oven	VOC	2.60	
			NO <sub>x</sub>	0.60	2.61
			CO	0.53	0.31
			SO <sub>2</sub>	0.01	0.01
			PM <sub>10</sub>	0.04	0.18
OIB-3	S9 8.58	Intermediate Bake Oven	VOC	2.28	
			NO <sub>x</sub>	0.60	2.61
			CO	0.53	0.31
			SO <sub>2</sub>	0.01	0.01
			PM <sub>10</sub>	0.04	0.18
OIFB-1	S17 0.69	Intermediate/Final Bake Ovens No. 1 and 2	VOC	1.30	0.58
			NO <sub>x</sub>		0.34

			PM	0.02	0.05
			CO	0.3	0.09
			SO <sub>2</sub>	0.01	0.01
OIFB-3	S18	Intermediate/Final	VOC	1.30	0.58
		Bake Oven No. 3	NO <sub>x</sub>	0.34	0.69
			PM	0.02	0.05
			CO	0.3	0.09
			SO <sub>2</sub>	0.01	0.01

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Emission * Point No. (1)	Old lb/hr	Source EPN TPY	Air Contaminant Name (2)	<u>Emission Rates</u>	
(3)				<u>Name</u>	
OTP-3	S15	Thermal Pickle Oven	VOC	0.65	0.01
			NO <sub>x</sub>	0.17	0.35
			PM	0.01	0.03
			CO	0.59	0.07
			SO <sub>2</sub>	0.01	0.01
PC-1	S7	Powder Coat No. 1	PM	4.16	0.65
PC-2	P18	Powder Coat No. 2	PM	2.41	0.38
PC-3	--	Powder Coat No. 3	PM	0.01	0.02
LC-1	P6	Liquid Coat No.1	VOC	2.991	9.82
LC-2	P8	Liquid Coat No. 2	VOC	3.829	12.58
LC-3	P11	Liquid Coat No. 3	VOC	2.877	9.45
LCZ-4	P17	Liquid Coat No. 4	VOC	2.692	0.42
LCB-5	P16 1.24	Liquid Coat Spray Booth	VOC		3.984
LCX-6	P14	Exterior Coat	VOC	5.931	19.48

LC-7 **	--	Brush Painting	VOC	0.471	0.29
SD-1 **	--	Solvent Degreasing	VOC	3.505	7.68
TK-1 **	--	Mineral Spirits Tank	VOC	3.59	0.02
TK-2 **	--	Diesel Tank	VOC	0.03	0.01
TK-3 **	--	MEK Tank	VOC	2.98	0.03

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- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in General Rule 101.1
  - PM - particulate matter
  - PM<sub>10</sub> - particulate matter 10 microns or less in diameter
  - NO<sub>x</sub> - nitrogen oxides
  - CO - carbon monoxide
  - SO<sub>2</sub> - sulfur dioxide

\* 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 and a maximum 8,760 Hrs/year

\*\* Blast Cleaning (DC-4) authorized under Standard Exemption No. 102 (April 25, 1986)

Brush Painting (LC-7) authorized under Standard Exemption No. 75 (January 11, 1985)

Solvent Degreasing (SD-1) authorized under Standard Exemption No. 107 (July 15, 1988)

Mineral Spirits Tank (TK-1) authorized under Standard Exemption No. 53 (July 15, 1988)

Diesel Tank (TK-2) authorized under Standard Exemption No. 53 (July 15, 1988)

MEK Tank (TK-3) authorized under Standard Exemption No. 53 (July 15, 1988)

Dated \_\_\_\_\_