

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5668

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 * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
SD-1	Spray Dryer No. 1	NO _x	0.05	0.21
		CO	0.01	0.04
		PM	0.21	0.90
		VOC	<0.01	0.01
		SO ₂	<0.01	<0.01
POC-1	Kiln 1 No. 1	NO _x	1.45	6.35
		CO	0.45	1.98
		PM	0.16	0.68
		VOC	0.63	2.77
		SO ₂	0.17	0.75
POC-2	Kiln 2 No. 2	NO _x	1.45	6.35
		CO	0.45	1.98
		PM	0.16	0.68
		VOC	0.63	2.77
		SO ₂	0.17	0.75
POC-3	Kiln Backup Vent (4)	NO _x	1.45	6.35
		CO	0.45	1.98
		PM	0.16	0.68
		VOC	0.63	2.77
		SO ₂	0.17	0.75
OS-1	Outer Stripe Machine No. 1	VOC	0.33	0.14
BS-1	Butt Stripe Machine No. 1	VOC	0.34	0.14

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
SM-A	Stripe Machine A	VOC	0.36	0.19
SM-B	Stripe Machine B	VOC	0.36	0.19
SM-C	Stripe Machine C	VOC	0.36	0.19
SM-D	Stripe Machine D	VOC	0.36	0.19
CF-00	Cure Fire Oven No. 00	VOC	<0.01	<0.01
CF-37	Cure Fire Oven No. 37	VOC	<0.01	<0.01
CF-38	Cure Fire Oven No. 38	VOC	<0.01	<0.01
CF-39	Cure Fire Oven No. 39	VOC	<0.01	<0.01
CF-601	Cure Fire Oven No. 601	VOC	<0.01	<0.01
CF-602	Cure Fire Oven No. 602	VOC	<0.01	<0.01
FS-A	Flame Spray Booth A	NO _x	2.19	9.59
		CO	0.26	1.13
		PM	0.74	3.24
		VOC	0.13	0.57
FS-B	Flame Spray Booth B	NO _x	2.19	9.59
		CO	0.26	1.13
		PM	0.74	3.24
		VOC	0.13	0.57
FS-C	Flame Spray Booth C	NO _x	2.19	9.59
		CO	0.26	1.13
		PM	0.74	3.24
		VOC	0.13	0.57

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
FS-D	Flame Spray Booth D	NO _x	2.19	9.59
		CO	0.26	1.13
		PM	0.74	3.24
		VOC	0.13	0.57
FS-2	Flame Spray Booth No. 2	NO _x	2.19	9.59
		CO	0.26	1.13
		PM	0.74	3.24
		VOC	0.13	0.57
FS-3	Flame Spray Booth No. 3	NO _x	2.19	9.59
		CO	0.26	1.13
		PM	0.74	3.24
		VOC	0.13	0.57
FS-4	Flame Spray Booth No. 4	NO _x	2.19	9.59
		CO	0.26	1.13
		PM	0.74	3.24
		VOC	0.13	0.57
FS-5	Flame Spray Booth No. 5	NO _x	2.19	9.59
		CO	0.26	1.13
		PM	0.74	3.24
		VOC	0.13	0.57
FS-6	Flame Spray Booth No. 6	NO _x	2.19	9.59
		CO	0.26	1.13
		PM	0.74	3.24
		VOC	0.13	0.57
FT-1	Functional Test Machine No. 1 1.28		CO	0.29
FT-2	Functional Test Machine No. 2 1.28		CO	0.29

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
FT-3	Functional Test Machine No. 3 1.28	CO		0.29
FT-4	Functional Test Machine No. 4 1.28	CO		0.29
FT-5	Functional Test Machine No. 5 1.28	CO		0.29
AS-1	Anti-Seize Machine No. 1	VOC PM	0.06 <0.01	0.28 <0.02
AS-2	Anti-Seize Machine No. 2	VOC PM	0.06 <0.01	0.28 <0.02
AS-3	Anti-Seize Machine No. 3	VOC PM	0.06 <0.01	0.28 <0.02
AT-1	Audit Test Machine No. 1	NO _x CO PM VOC SO ₂	<0.01 0.03 <0.01 <0.01 <0.01	0.01 0.15 <0.01 <0.01 <0.01
FUG	Plant Fugitives (5)	PM VOC	0.03 2.47	0.12 0.17

(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) NO_x - total oxides of nitrogen
CO - carbon monoxide

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

PM - particulate matter

VOC - volatile organic compounds as defined in General Rule 101.1

SO₂ - sulfur dioxide

(4) No more than two of the three Kiln Vents (Emission Point Nos. POC-1, POC-2, and POC-3) are operated simultaneously.

(5) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

* 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 _____