

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 22459

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
GBG001	Kiln Bag Filter	PM <sub>10</sub>	0.03	0.11
GBG003	Packaging Bag Filter	PM <sub>10</sub>	0.17	0.75
GBG004	Blender Bag Filter	PM <sub>10</sub>	0.05	0.03
GBG006	Dryer Bag Filter	PM <sub>10</sub>	0.07	0.27
		VOC	0.08	0.35
		CO	0.34	1.50
		NO <sub>x</sub>	0.40	1.75
		SO <sub>2</sub>	<0.01	0.02
GBG007	F Dryer	PM <sub>10</sub>	0.17	0.75
		VOC	0.08	0.35
		CO	0.18	0.77
		NO <sub>x</sub>	0.40	1.75
		SO <sub>2</sub>	<0.01	0.02
GBG008	Secondary Dryer Bag Filter	PM <sub>10</sub>	0.01	0.05
GBG009	R-Kiln Burners	PM <sub>10</sub>	0.01	0.04
		VOC	0.01	0.04
		CO	0.03	0.13
		NO <sub>x</sub>	0.10	0.44
		SO <sub>2</sub>	0.01	0.04
GBG010	Caustic Scrubber	HCl	0.08	0.02
		VOC	<0.01	

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AIR CONTAMINANTS DATA

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 <sub>10</sub> <0.01	<0.01	

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
GBG011	A-Kiln Burners	PM <sub>10</sub>	0.01	0.04
		VOC	0.02	0.07
		CO	0.05	0.21
		NO <sub>x</sub>	0.18	0.79
		SO <sub>2</sub>	0.01	0.04
GBG012	Kiln Process Vent	PM <sub>10</sub>	<0.01	<0.01
GBG014	Blender Bag Filter	PM <sub>10</sub>	0.05	0.03
FGBG01	Process Fugitives (4)	TSP	0.46	2.00
		PM <sub>10</sub>	0.06	0.24
		HCl	0.02	0.08
FGBG02	Warehouse Fugitives (4)	TSP	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01

(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) PM<sub>10</sub> - particulate matter less than 10 microns

VOC - volatile organic compounds as defined in General Rule 101.1

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

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

CO - carbon monoxide

TSP - total suspended particulate

HCl - hydrogen chloride

(4) 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:

Hrs/day 24 Days/week 7 Weeks/year

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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>
<u>52</u> or Hrs/year		<u>8,760</u>		

Dated \_\_\_\_\_