

# EXAMPLE EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 34440

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
B	Truck Receiving Pit (4) 0.07	TSP		0.29
		PM <sub>10</sub>	0.07	0.02
C	Railcar Receiving Pit No. 1	TSP	5.85	1.23
		PM <sub>10</sub>	1.46	0.31
D	Railcar Receiving Pit No. 2	TSP	5.85	0.37
		PM <sub>10</sub>	1.46	0.09
E	Truck Receiving Bagfilter 0.02	TSP		0.09
		PM <sub>10</sub>	0.02	<0.01
F	Micro Room Bagfilter	TSP	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
G	Railcar Receiving Bagfilter No. 1	TSP	0.10	0.03
		PM <sub>10</sub>	0.02	<0.01
H	Railcar Receiving Bagfilter No. 2	TSP	0.10	0.02
		PM <sub>10</sub>	0.02	0.01
J	Grinding Unit No. 1 Bagfilter	TSP	0.32	0.30
		PM <sub>10</sub>	0.32	0.30
K	Grinding Unit No. 2 Bagfilter	TSP	0.32	0.30
		PM <sub>10</sub>	0.32	0.30
L	Pellet Cooler No. 1	TSP	2.80	4.83

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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>
	Cyclone	PM <sub>10</sub>	1.40	2.41
M	Pellet Cooler No. 2	TSP	5.60	9.59
	Cyclone	PM <sub>10</sub>	2.80	4.79
N	Grain Cleaner Bagfilter	TSP		0.32
	0.24	PM <sub>10</sub>	0.16	0.12
P	Packing Aspiration	TSP	0.48	0.55
	Bagfilter	PM <sub>10</sub>	0.24	0.28
Q	Packing Line Bagfilter	TSP	0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
R	Feederline Loadout (4)	TSP	0.21	0.06
		PM <sub>10</sub>	0.06	0.01
S	Truck Bulk Loadout (4)	TSP	0.32	0.33
		PM <sub>10</sub>	0.09	0.09
A	400 Hp Boiler	PM <sub>10</sub>	0.23	0.27
		SO <sub>2</sub>	<0.01	<0.01
		NO <sub>x</sub>	2.53	2.80
		CO	0.59	0.70
		VOC	<0.10	0.12

(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) TSP - total suspended particulate matter, including PM<sub>10</sub>

PM<sub>10</sub> - particulate matter less than 10 microns in diameter

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

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

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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 TPY</u>

CO - carbon monoxide

VOC - volatile organic compounds as defined in General Rule 101.1

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

\* Refer to Special Condition No. 1 for throughput limitations and basis of emission rates.

Dated\_\_\_\_\_