

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 36756

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
A010-02	Vinyl Receiver Sock House-Line 1	PM ₁₀	0.052	0.20
A010-06	15 M Receiver Sock House-Line 1	PM ₁₀	0.043	0.17
R000-05	15 M Railcar Unloading Lines 1 and 2	PM ₁₀	0.10	0.39
A020-01	Tile Base Blender-Line 1 Baghouse Stack	PM ₁₀	0.372	1.45
B091-00	Line-1 Baghouse Stack	PM ₁₀	1.55	6.04
J010-02	Vinyl Receiver Sock House-Line 2 0.18	PM ₁₀		0.047
J010-04	Limestone Receiver Sock House-Line 2	PM ₁₀	0.070	0.27
J010-06	GQ 40 Receiver Sock House-Line 2	PM ₁₀	0.070	0.27
J010-08	15 M Receiver Sock House-Line 2	PM ₁₀	0.029	0.11
J045-09	MT Chip Baghouse	PM ₁₀	0.048	0.19

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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>
J040-04	Fines Recycle Baghouse	PM ₁₀	0.026	0.10
B080-00	Dust Collector-Line 2	PM ₁₀	0.658	2.57

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Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
D010-01	Vinyl Receiver Sock House-Line 3 0.21		PM ₁₀	0.055
D020-13	West Dust Collector-Line 3	PM ₁₀	0.465	1.81
D020-14	East Dust Collector-Line 3	PM ₁₀	0.465	1.81
D046-07	Fines Dust Collector-Line 3	PM ₁₀	0.046	0.18
C170-00	Classifier Baghouse-Line 3	PM ₁₀	0.968	3.78
E010-02	Vinyl Receiver Sock House-Line 3A	PM ₁₀	0.035	0.14
E170-02	Cyclone/Baghouse-Line 3A	PM ₁₀	0.465	1.81
H400-00	Rework Baghouse	PM ₁₀	0.527	2.05
R017-00	Silo 17-Limestone (Line 3)	PM ₁₀	0.001	0.003
R018-00	Silo 18-GQ 40 (Line 3)	PM ₁₀	0.072	0.28
R019-00	Silo 19-Limestone (Lines 3 and 3A)	PM ₁₀	0.001	0.003
R020-00	Silo 20-Limestone (Line 1)	PM ₁₀	0.001	0.003
R021-00	Silo 21-GQ 40 (Line 1)	PM ₁₀	0.001	0.003
R022-00	Silo 22-Limestone (Line 1)	PM ₁₀	0.001	0.003
R024-00	Silo 24-15 M (Lines 1 and 3A) 0.39		PM ₁₀	0.10
R025-00	Silo 25-15 M (Line 1)	PM ₁₀	0.055	0.22

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Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
R026-00	Silo 26-15 M (Lines 3 and 3A) 0.002		PM ₁₀	0.001
R027-00	Silo 27-GQ 40 (Line 3A)	PM ₁₀	0.001	0.003
BLD-VENT	Building Vent	PM	1.45	5.65
		PM ₁₀	0.69	2.70
FUG-1	Batch Heating-Line 1 (4)	VOC	2.457	0.42
		Glycol Ether	0.255	1.12
FUG-2	Batch Heating-Line 2 (4)	VOC	0.727	2.04
		Glycol Ether	0.83	0.36
FUG-3	Batch Heating-Line 3 (4)	VOC	2.574	7.30
		Glycol Ether	0.296	1.3
FUG-3A	Batch Heating-Line 3A (4)	VOC	1.131	3.23
		Glycol Ether	0.129	0.57
T006-00	Tank 6-Stabilizer Storage	VOC	0.27	0.01
T012-00	Tank 12-Stabilizer Storage	VOC	0.27	0.01
T011-00	Tank 11-Plasticizer Storage	VOC	<0.0001	<0.0001
T013-00	Tank 13-Plasticizer Storage	VOC	<0.0001	<0.0001
T007-00	Tank 7-Waste Oil Tank	VOC	0.0009	0.0001
T004-00	Tank 4-Blend Tank	VOC	0.12	0.029
T0010-00	Tank 10-Blend Tank	VOC	0.12	0.028

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
U035-00	Boiler 350	PM ₁₀	0.18	0.80
		NO _x	1.88	4.11
		CO	0.47	2.05
		SO ₂	0.01	0.04
		VOC	0.04	0.16

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			lb/hr	TPY
U050-00	Boiler 500	PM ₁₀	0.29	1.26
		NO _x	2.94	6.44
		CO	0.74	3.22
		SO ₂	0.01	0.06
		VOC	0.06	0.26
FUG-5	Conveyor Heaters-General	PM ₁₀	0.33	1.45
		NO _x	2.79	12.21
		CO	1.19	5.21
		SO ₂	0.02	0.10
		VOC	0.22	0.94

(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 - particulate matter, suspended in the atmosphere, including PM₁₀.

PM₁₀ - particulate matter equal to or less than 10 microns in diameter.

Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.

VOC - volatile organic compounds as defined in General Rule 101.1

NO_x - total oxides of nitrogen

CO - carbon monoxide

SO₂ - sulfur dioxide

(4) Fugitive emissions are an estimate only.

* 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 Hrs/year

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>

Dated_____