

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 29282

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
WT111011	Furnace ESP Stack	PM ₁₀	1.70	6.60
		VOC	2.12	6.31
		NO _x	22.50	69.17
		SO ₂	5.51	11.13
		CO	0.69	2.74
WT112111	Forehearth (4)	PM ₁₀	0.34	1.23
		VOC	<0.01	0.02
		NO _x	0.14	0.60
		SO ₂	<0.01	<0.01
		CO	0.03	0.13
WT112111	Forming and Cooling Scrubber Stack	PM ₁₀	15.00	58.10
		VOC**	8.98	23.55
		NO _x	12.61	10.29
		SO ₂	29.29	47.34
		CO	4.87	9.05
		NH ₃	18.22	72.30
		Methanol/Ethanol	3.94	11.41
		Formaldehyde	3.46	8.02
WT114211	Curing Oven Stack	Phenol	1.58	4.13
		PM ₁₀	3.18	12.38
		VOC**	2.47	7.20
		NO _x	3.17	8.44
		SO ₂	0.47	2.07
		CO	10.13	25.71
		NH ₃	6.73	26.21
		Methanol/Ethanol	0.36	1.04
		Formaldehyde	1.87	5.43
		Phenol	0.24	0.73

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			lb/hr	TPY
WT109611/ WT109621	Tanks (4)	VOC***	0.03	<0.01
WT109811	Binder Mix Stack	VOC**	0.07	0.25
		NH ₃	0.04	0.14
WT110111	Loading (4)	PM ₁₀	0.02	0.01
WT110411	Mixed Batch Silo Baghouse <0.01		PM ₁₀	0.05
WT110511	Batch Processing (4)	PM ₁₀	0.32	0.05

(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) PM₁₀ - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.

VOC - volatile organic compounds as defined in General Rule 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

CO - carbon monoxide

NH₃ - ammonia

(4) Fugitive emissions are an estimate only.

** VOC includes formaldehyde, phenol, methanol, and ethanol.

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* Emission rates are based on and the facilities are limited by the maximum glass pull rate and operating parameters represented in the confidential file dated May 1995 and the following operating schedule:

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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>
		Hrs/day		Days/week
Weeks/year or	8,760	Hrs/year		

Dated_____