

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 6285

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
F29	MB Sand Reclaim Silo Baghouse Stack	PM/PM ₁₀	0.02	0.10
F30	MB Sand Reclaim System Baghouse Stack	PM/PM ₁₀	2.49	10.89
F31	MB Shakeout/Sand System Baghouse Stack	PM/PM ₁₀	3.39	14.87
F32	MB Strip Grate Vibramill Baghouse Stack	PM/PM ₁₀	0.97	4.25
F33	MB Roof Ventilators (4) [Core Room Ovens and Main Bay Oven]	PM/PM ₁₀	2.04	8.94
		SO ₂	<0.01	0.02
		NO _x	0.55	2.41
		CO	0.46	2.02
		VOC	19.45	24.36
F52	Coreless Furnace Baghouse Stack	PM/PM ₁₀	2.38	5.95
F53	LCF Roof Ventilators (4)	PM/PM ₁₀	0.43	1.14
		VOC	2.74	3.42
F54939495	LCF Shakeout, Pour, Tap Cooling, Weigh and Charge Feeder Stations Baghouse Stack	PM/PM ₁₀	1.21	2.45
F55	LCF Sand System Baghouse Stack	PM/PM ₁₀	0.92	4.05

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
F99	SCF Flaskless Mold Mixer Baghouse Stack	PM/PM ₁₀	0.08	0.35
		VOC	0.76	0.95
		Formaldehyde	<0.01	<0.01
F57	LCF Sand Reclaim System Baghouse Stack	PM/PM ₁₀	2.01	8.82
F566162	LCF Molding, MB/No-Bake Molding Baghouse Stack	PM/PM ₁₀	0.81	3.57
		VOC	36.66	38.12
		Formaldehyde	0.28	0.28
FG-1	MB Material Handling Fugitives (4)	PM	0.86	3.77
		PM ₁₀	0.43	1.88
FG-2	LCF Material Handling Fugitives (4)	PM	2.00	8.76
		PM ₁₀	1.00	4.38

(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 PM greater than 10 microns is emitted.

SO₂ - sulfur dioxide

NO_x - total oxides of nitrogen

CO - carbon monoxide

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

(4) Fugitive emissions are an estimate only.

* Refer to Special Condition Nos. 7 and 8 for throughput limitations and basis of emission rates.

Dated Jun 13, 2007