

Emission Sources - Maximum Allowable Emission Rates

Permit Number 1071

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, sources, and related activities. 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 (6)	
			lbs/hour	TPY
F1	Material Storage Bunkers (4)	PM	0.01	0.04
		PM ₁₀	0.01	0.02
		PM _{2.5}	0.01	0.01
F2	Conveyor Loading Hopper (4)	PM	0.07	0.09
		PM ₁₀	0.01	0.01
		PM _{2.5}	0.01	0.01
S3	Silo No. 3 Baghouse Stack	PM	0.04	0.01
		PM ₁₀	0.04	0.01
		PM _{2.5}	0.04	0.01
S4	Silo No. 4 Baghouse Stack	PM	0.04	0.01
		PM ₁₀	0.04	0.01
		PM _{2.5}	0.04	0.01
S7	Silo No. 7 Baghouse Stack	PM	0.04	0.01
		PM ₁₀	0.04	0.01
		PM _{2.5}	0.04	0.01
S8	Silo No. 8 Baghouse Stack	PM	0.04	0.01
		PM ₁₀	0.04	0.01
		PM _{2.5}	0.04	0.01
F3L35	Material Handling Line 35 (4)	PM	0.13	0.13
		PM ₁₀	0.01	0.01
		PM _{2.5}	0.01	0.01

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F6L35	Steam Curing Rooms Line 35 (4)	PM	0.02	0.07
		PM ₁₀	0.02	0.07
		PM _{2.5}	0.02	0.07
		VOC	0.02	0.05
		SO ₂	0.01	0.01
		NO _x	0.20	0.88
		CO	0.17	0.74
F7	Block Dryer Line 56 (4)	PM	0.01	0.04
		PM ₁₀	0.01	0.04
		PM _{2.5}	0.01	0.04
		VOC	0.01	0.03
		SO ₂	0.01	0.01
		NO _x	0.10	0.44
		CO	0.09	0.37
F9	Sand Screening Operations (4)	PM	0.19	0.06
		PM ₁₀	0.02	0.01
		PM _{2.5}	0.02	0.01
F3L34	Material Handling Line 34 (4)	PM	0.07	0.10
		PM ₁₀	0.01	0.01
		PM _{2.5}	0.01	0.01
F6L34	Steam Curing Rooms Line 34 (4)	PM	0.04	0.17
		PM ₁₀	0.04	0.17
		PM _{2.5}	0.04	0.17
		VOC	0.03	0.12
		SO ₂	0.01	0.02
		NO _x	0.50	2.19
		CO	0.42	1.84
S11	Line 55 Grinding Operations Baghouse Stack	PM	0.12	0.33
		PM ₁₀	0.12	0.33
		PM _{2.5}	0.12	0.33
S12	Spray Sealer Booth Line 55	PM	0.02	0.04

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		PM ₁₀	0.02	0.04
		PM _{2.5}	0.02	0.04
		VOC	13.20	26.85
S15	Spray Sealer Booth Line 56 Exhaust Stack (5)	PM	0.02	0.04
		PM ₁₀	0.02	0.04
		PM _{2.5}	0.02	0.04
		VOC	13.20	26.85
S12 and S15 CAP	Spray Sealer Booth Lines CAP	PM	0.02	0.04
		PM ₁₀	0.02	0.04
		PM _{2.5}	0.02	0.04
		VOC	13.20	26.85
S13	Sealer Drying Oven Line 55 Exhaust Stack	PM	0.01	0.04
		PM ₁₀	0.01	0.04
		PM _{2.5}	0.01	0.04
		SO ₂	0.01	0.01
		NO _x	0.10	0.44
		CO	0.09	0.37
		VOC	0.01	0.03
S14	Line 56 Grinding Operations Baghouse Stack	PM	0.06	0.15
		PM ₁₀	0.06	0.15
		PM _{2.5}	0.06	0.15
F10	Diesel Storage Tank (4)	VOC	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) CO - carbon monoxide
NO_x - total oxides of nitrogen
PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
PM_{2.5} - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
SO₂ - sulfur dioxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

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- (5) Total emissions from Spray Sealer Booth Line 55 (Emission Point No. [EPN] S12) and Spray Sealer Booth Line 56 (EPN S15).
- (6) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: August 19, 2014