

Emission Sources - Maximum Allowable Emission Rates

Permit Number 146088

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 (4)
TRFUG	Truck Receiving Pit (5)	PM	0.21	0.55
		PM ₁₀	0.03	0.08
		PM _{2.5}	0.02	0.04
ET-01	Line 1 Hammermill Baghouse Stack	PM	0.07	0.14
		PM ₁₀	0.07	0.14
		PM _{2.5}	0.07	0.14
ET-02	Line 1 Extruder Cyclone Stack	PM	0.09	0.19
		PM ₁₀	0.01	0.03
		PM _{2.5}	0.01	0.03
ET-03	Line 1 Dryer Cyclones Stack (3 MMBtu/hr)	PM	0.12	0.26
		PM ₁₀	0.04	0.10
		PM _{2.5}	0.04	0.10
		VOC	0.02	0.05
		NO _x	0.29	0.92
		CO	0.25	0.77
		SO ₂	0.04	0.14
ET-04	Line 1 Vertical Cooler Cyclone Stack	PM	0.09	0.19
		PM ₁₀	0.01	0.03
		PM _{2.5}	0.01	0.03
BLD1-FUG	Line 1 Building 1 Fugitives (Dryer Screen, Bagging Screen, Bagging Machines) (5)	PM	0.08	0.15
		PM ₁₀	0.04	0.08
		PM _{2.5}	0.01	0.01
ET-05	Line 1 Dryer Waste Bin Cyclone Stack	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01

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ET2-01	Line 2 Hammermill 1 Baghouse Stack	PM	0.07	0.32
		PM ₁₀	0.07	0.32
		PM _{2.5}	0.07	0.32
ET2-02	Line 2 Hammermill 2 Baghouse Stack	PM	0.07	0.32
		PM ₁₀	0.07	0.32
		PM _{2.5}	0.07	0.32
ET2-07	Line 2 Mill Bin 1 Baghouse Stack	PM	<0.01	0.02
		PM ₁₀	<0.01	0.01
		PM _{2.5}	<0.01	<0.01
ET2-08	Line 2 Mill Bin 2 Baghouse Stack	PM	<0.01	0.02
		PM ₁₀	<0.01	0.01
		PM _{2.5}	<0.01	<0.01
ET2-09	Line 2 Live Bins Baghouse Stack	PM	0.01	0.03
		PM ₁₀	<0.01	0.02
		PM _{2.5}	<0.01	<0.01
ET2-03	Line 2 Extruder Cyclone Stack	PM	0.19	0.82
		PM ₁₀	0.03	0.11
		PM _{2.5}	0.03	0.11
ET2-04	Line 2 Dryer Cyclone Stack (6 MMBtu/hr)	PM	0.23	1.02
		PM ₁₀	0.07	0.31
		PM _{2.5}	0.07	0.31
		VOC	0.03	0.14
		NO _x	0.59	2.58
		CO	0.49	2.16
		SO ₂	0.09	0.39
ET2-05	Line 2 Cooler Cyclone Stack	PM	0.19	0.82
		PM ₁₀	0.03	0.11
		PM _{2.5}	0.03	0.11
ET2-06 Project Number: 267355	Line 2 Coater Cyclone Stack	PM	0.19	0.82
		PM ₁₀	0.03	0.11
		PM _{2.5}	0.03	0.11

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ET2-10	Line 2 Product Bins 1 Cyclone Stack	PM	0.01	0.05
		PM ₁₀	0.01	0.03
		PM _{2.5}	<0.01	<0.01
ET2-11	Line 2 Product Bins 2 Cyclone Stack	PM	0.01	0.05
		PM ₁₀	0.01	0.03
		PM _{2.5}	<0.01	<0.01
ET2-12	Line 2 Bagging Cyclone Stack	PM	<0.01	0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
BLD2-FUG	Line 2 Building 2 Fugitives (Dryer Screen & Bagging Screen) (5)	PM	0.15	0.64
		PM ₁₀	0.08	0.36
		PM _{2.5}	0.01	0.06
BOILER1	Boiler 1 Stack (6.3 MMBtu/hr)	PM	0.05	0.15
		PM ₁₀	0.05	0.15
		PM _{2.5}	0.05	0.15
		VOC	0.03	0.11
		NO _x	0.62	1.93
		CO	0.52	1.62
		SO ₂	0.09	0.29
BOILER2	Boiler 2 Stack (8.4 MMBtu/hr)	PM	0.06	0.20
		PM ₁₀	0.06	0.20
		PM _{2.5}	0.06	0.20
		VOC	0.05	0.14
		NO _x	0.82	2.57
		CO	0.69	2.16
		SO ₂	0.12	0.39

- (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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen

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SO ₂	- sulfur dioxide
PM	- total particulate matter, suspended in the atmosphere, including PM ₁₀ and PM _{2.5} , as represented
PM ₁₀	- total particulate matter equal to or less than 10 microns in diameter, including PM _{2.5} , as represented
PM _{2.5}	- particulate matter equal to or less than 2.5 microns in diameter
CO	- carbon monoxide

- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: July 11, 2018