

Emission Sources - Maximum Allowable Emission Rates

Permit Number 98014

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)
Ia	Dry Mill Aspiration Filter No. 1 Baghouse Stack	PM	0.02	0.07
		PM ₁₀	0.02	0.07
		PM _{2.5}	0.02	0.07
Ib	Dry Mill Aspiration Filter No. 2 Baghouse Stack	PM	0.02	0.07
		PM ₁₀	0.02	0.07
		PM _{2.5}	0.02	0.07
Ic	Dry Mill Aspiration Filter No. 3 Baghouse Stack	PM	0.02	0.07
		PM ₁₀	0.02	0.07
		PM _{2.5}	0.02	0.07
Id	Dry Mill Aspiration Filter No. 4 Baghouse Stack	PM	0.02	0.07
		PM ₁₀	0.02	0.07
		PM _{2.5}	0.02	0.07
IIa	Cooler Air Aspiration Filter No. 1 Baghouse Stack	PM	0.11	0.42
		PM ₁₀	0.11	0.42
		PM _{2.5}	0.11	0.42
IIb	Cooler Air Aspiration Filter No. 2 Baghouse Stack	PM	0.11	0.42
		PM ₁₀	0.11	0.42
		PM _{2.5}	0.11	0.42

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IIIa	Wet Mill Aspiration Cyclone No. 1 Stack	PM	1.46	5.82
		PM ₁₀	0.09	0.35
		PM _{2.5}	0.09	0.35
IIIb	Wet Mill Aspiration Cyclone No. 2 Stack	PM	1.46	5.82
		PM ₁₀	0.09	0.35
		PM _{2.5}	0.09	0.35
IIIc	Wet Mill Aspiration Cyclone No. 3 Stack	PM	1.46	5.82
		PM ₁₀	0.09	0.35
		PM _{2.5}	0.09	0.35
IIId	Wet Mill Aspiration Cyclone No. 4 Stack	PM	1.46	5.82
		PM ₁₀	0.09	0.35
		PM _{2.5}	0.09	0.35
IIIe	Wet Mill Aspiration Cyclone No. 5 Stack	PM	1.46	5.82
		PM ₁₀	0.09	0.35
		PM _{2.5}	0.09	0.35
IIIf	Wet Mill Aspiration Cyclone No. 6 Stack	PM	1.46	5.82
		PM ₁₀	0.09	0.35
		PM _{2.5}	0.09	0.35
IIIg	Wet Mill Aspiration Cyclone No. 7 Stack	PM	1.46	5.82
		PM ₁₀	0.09	0.35
		PM _{2.5}	0.09	0.35
IV	Dryer Outlet RTO Stack	VOC	14.80	64.90

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		NO _x	40.04	175.40
		SO ₂	1.08	4.01
		PM	6.80	29.70
		PM ₁₀	6.80	29.70
		PM _{2.5}	6.80	29.70
		CO	22.30	97.70
		HAP	0.54	1.87
V	Generator Stack	VOC	0.49	<0.01
		NO _x	6.20	0.02
		SO ₂	0.41	<0.01
		PM	0.44	<0.01
		PM ₁₀	0.44	<0.01
		PM _{2.5}	0.44	<0.01
		CO	1.36	<0.01
VII	Starch Silo Stack	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
IXa	Storage Silo No. 1 Stack	PM	0.16	0.65
		PM ₁₀	0.08	0.31
		PM _{2.5}	0.01	0.05
IXb	Storage Silo No. 2 Stack	PM	0.16	0.65
		PM ₁₀	0.08	0.31
		PM _{2.5}	0.01	0.05

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IXc	Storage Silo No. 3 Stack	PM	0.16	0.65
		PM ₁₀	0.08	0.31
		PM _{2.5}	0.01	0.05
IXd	Storage Silo No. 4 Stack	PM	0.16	0.65
		PM ₁₀	0.08	0.31
		PM _{2.5}	0.01	0.05
X	Rechipper (5)	PM	0.02	0.07
		PM ₁₀	<0.01	0.02
		PM _{2.5}	<0.01	<0.01
XI	Chipper (5)	PM	0.04	0.15
		PM ₁₀	0.01	0.05
		PM _{2.5}	<0.01	0.01
XII	Debarker (5)	PM	0.29	1.16
		PM ₁₀	0.13	0.53
		PM _{2.5}	0.03	0.13
HANDLING	Material handling (5)	PM	0.19	0.77
		PM ₁₀	0.09	0.36
		PM _{2.5}	0.01	0.05
DIESEL TANK	Diesel Tank	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) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
- VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- NO_x - total oxides of nitrogen

Emission Sources - Maximum Allowable Emission Rates

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
HAP	- hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C

- (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. Planned maintenance for EPNs Ia - Id, IIa, IIb, IIIa - IIIg, and IV has been reviewed and included in the MAERT for specific maintenance activities identified in the permit special conditions. Any other maintenance activities are not authorized by this permit, but will be authorized separately.

Date May 22, 2013

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