

Emission Sources - Maximum Allowable Emission Rates

Permit Number 36277

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	
			lbs/hour	TPY (4)
BBL1111	PVC Railcar Unloading Bag Filter	PM	0.12	0.51
		PM ₁₀	0.12	0.51
		PM _{2.5}	<0.01	0.02
BCY1111A	PVC Silo Cyclones	PM	0.15	--
		PM ₁₀	0.15	--
		PM _{2.5}	<0.01	--
BCY1111B	PVC Silo Cyclones	PM	0.15	--
		PM ₁₀	0.15	--
		PM _{2.5}	<0.01	--
BCY1111A/B	PVC Silo Cyclones Cap	PM	--	0.64
		PM ₁₀	--	0.64
		PM _{2.5}	--	0.03
BBL1114	Head Tank Bag Filter	PM	0.19	0.81
		PM ₁₀	0.19	0.81
		PM _{2.5}	<0.01	0.03
BBL1116	3 Tank Bag Filters	PM	0.18	0.78
		PM ₁₀	0.18	0.78
		PM _{2.5}	0.18	0.78
BBL1117	7 Tank Bag Filters	PM	0.09	0.39
		PM ₁₀	0.09	0.39
		PM _{2.5}	<0.01	0.02
BBL1155	Hot Mixer Baghouse	OMS	0.27	1.18
		PM	0.02	0.07
		PM ₁₀	0.02	0.07

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		PM _{2.5}	<0.01	<0.01
		VCM	0.03	0.12
BBL1141	Transfer Operations Baghouse	PM	0.12	0.54
		PM ₁₀	0.12	0.54
		PM _{2.5}	<0.01	0.02
BFL1142A	Product Silo Bag Filters	PM	0.12	--
		PM ₁₀	0.12	--
		PM _{2.5}	<0.01	--
BFL1142B	Product Silo Bag Filter	PM	0.12	--
		PM ₁₀	0.12	--
		PM _{2.5}	<0.01	--
BDC1151	Gaylord Boxing Baghouse	PM	0.12	--
		PM ₁₀	0.12	--
		PM _{2.5}	<0.01	--
BFL1142A/B and BDC1151	Product Silo and Gaylord Boxing Cap	PM	--	0.54
		PM ₁₀	--	0.54
		PM _{2.5}	--	0.02
BBL1160	Vacuum Cleaner Baghouse	PM	0.05	0.20
		PM ₁₀	0.05	0.20
		PM _{2.5}	<0.01	<0.01
BTK1118A	Liquid Ingredient Tank	Tin Stabilizer	<0.01	<0.01
BTK1118B	Liquid Ingredient Tank	Tin Stabilizer	<0.01	<0.01
BBL2111	PVC Railcar Unloading	PM	0.12	0.51
		PM ₁₀	0.12	0.51
		PM _{2.5}	<0.01	0.02

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BCY2111A	PVC Silo Cyclones	PM	0.15	--
		PM ₁₀	0.15	--
		PM _{2.5}	<0.01	--
BCY2111B	PVC Silo Cyclones	PM	0.15	--
		PM ₁₀	0.15	--
		PM _{2.5}	<0.01	--
BCY2111A/B	PVC Silo Cyclones Cap	PM	--	0.64
		PM ₁₀	--	0.64
		PM _{2.5}	--	0.03
BBL2114	Head Tank Bag Filter	PM	0.19	0.81
		PM ₁₀	0.19	0.81
		PM _{2.5}	<0.01	0.03
BBL2116	3 Tank Bag Filters	PM	0.11	0.49
		PM ₁₀	0.11	0.49
		PM _{2.5}	0.11	0.49
BBL2117	7 Tank Bag Filters	PM	0.09	0.39
		PM ₁₀	0.09	0.39
		PM _{2.5}	<0.01	0.02
BBL2155	Hot Mixer Baghouse	OMS	0.27	1.18
		PM	0.02	0.07
		PM ₁₀	0.02	0.07
		PM _{2.5}	<0.01	<0.01
		VCM	0.03	0.12
BFL2142A	Product Silo Bag Filters	PM	0.12	--
		PM ₁₀	0.12	--
		PM _{2.5}	<0.01	--
BFL2142B	Product Silo Bag Filters	PM	0.12	--
		PM ₁₀	0.12	--

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		PM _{2.5}	<0.01	--
BDC2151	Gaylord Boxing Baghouse	PM	0.12	--
		PM ₁₀	0.12	--
		PM _{2.5}	<0.01	--
BFL2142A/B and BDC2151	Product Silo and Gaylord Boxing Cap	PM	--	0.54
		PM ₁₀	--	0.54
		PM _{2.5}	--	0.02
BBL3111	PVC Railcar Unloading	PM	0.12	0.51
		PM ₁₀	0.12	0.51
		PM _{2.5}	<0.01	0.02
BCY3111	PVC Silo Cyclones	PM	0.15	0.64
		PM ₁₀	0.15	0.64
		PM _{2.5}	<0.01	0.03
BBL3114	Head Tank Bag Filter	PM	0.19	0.81
		PM ₁₀	0.19	0.81
		PM _{2.5}	<0.01	0.03
BBL3116	3 Tank Bag Filters	PM	0.11	0.49
		PM ₁₀	0.11	0.49
		PM _{2.5}	0.11	0.49
BBL3117	7 Tank Bag Filters	PM	0.09	0.39
		PM ₁₀	0.09	0.39
		PM _{2.5}	<0.01	0.02
BBL3155	Hot Mixer Baghouse	OMS	0.27	1.18
		PM	0.02	0.07
		PM ₁₀	0.02	0.07
		PM _{2.5}	<0.01	<0.01
		VCM	0.03	0.13
BBL3141	Transfer Operations Baghouse	PM	0.12	0.54
		PM ₁₀	0.12	0.54

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		PM _{2.5}	<0.01	0.02
BFL3142A	Product Silo Bag Filters	PM	0.12	--
		PM ₁₀	0.12	--
		PM _{2.5}	<0.01	--
BFL3142B	Product Silo Bag Filters	PM	0.12	--
		PM ₁₀	0.12	--
		PM _{2.5}	<0.01	--
BDC3151	Gaylord Boxing Baghouse	PM	0.12	--
		PM ₁₀	0.12	--
		PM _{2.5}	<0.01	--
BFL3142A/B and BDC3151	Product Silo and Gaylord Boxing Cap	PM	--	0.54
		PM ₁₀	--	0.54
		PM _{2.5}	--	0.02
BBL-4111	Railcar Unloading Fabric Filter	PM	0.08	0.34
		PM ₁₀	0.08	0.34
		PM _{2.5}	<0.01	0.01
BCY-4111A	PVC Silo Cyclones	PM	0.08	--
		PM ₁₀	0.08	--
		PM _{2.5}	<0.01	--
BCY-4111B	PVC Silo Cyclones	PM	0.08	--
		PM ₁₀	0.08	--
		PM _{2.5}	<0.01	--
BCY-4111A/B	PVC Silo Cyclones Cap	PM	--	0.35
		PM ₁₀	--	0.35
		PM _{2.5}	--	0.01
BBL-4114	Head Tank Bag Filter	PM	0.12	0.52
		PM ₁₀	0.12	0.52
		PM _{2.5}	<0.01	0.02

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BBL-4115	Head Tank Bag Filter	PM	0.05	0.23
		PM ₁₀	0.05	0.23
		PM _{2.5}	<0.01	0.01
BBL-4116	Head Tank Bag Filter	PM	0.06	0.24
		PM ₁₀	0.06	0.24
		PM _{2.5}	<0.01	0.01
BBL-4117	Head Tank Bag Filter	PM	0.06	0.24
		PM ₁₀	0.06	0.24
		PM _{2.5}	<0.01	0.01
BBL-4118	Head Tank Bag Filter	PM	0.06	0.24
		PM ₁₀	0.06	0.24
		PM _{2.5}	<0.01	0.01
BBL-4125	Head Tank Bag Filter	PM	0.06	0.26
		PM ₁₀	0.06	0.26
		PM _{2.5}	0.06	0.26
BBL-4155	Hot Mixer Baghouse	OMS	0.45	1.97
		PM	0.01	0.06
		PM ₁₀	0.01	0.06
		PM _{2.5}	<0.01	<0.01
		VCM	0.05	0.20
BBL-4141	Transfer Operations Baghouse	PM	0.08	0.34
		PM ₁₀	0.08	0.34
		PM _{2.5}	<0.01	0.01
BFL-4142A	Silo Bin Vents	PM	0.08	--
		PM ₁₀	0.08	--
		PM _{2.5}	<0.01	--
BFL-4142B	Silo Bin Vents	PM	0.08	--
		PM ₁₀	0.08	--

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		PM _{2.5}	<0.01	--
BFL-4142A/B	Silo Bin Vents Cap	PM	--	0.34
		PM ₁₀	--	0.34
		PM _{2.5}	--	0.01
BFL-4151	Gaylord Box Bag Filter	PM	0.08	0.34
		PM ₁₀	0.08	0.34
		PM _{2.5}	<0.01	0.01
BBL-4160	Gaylord Box Bag Filter	PM	0.06	0.24
		PM ₁₀	0.06	0.24
		PM _{2.5}	<0.01	0.01
BBL-4161	Gaylord Box Bag Filter	PM	0.10	0.45
		PM ₁₀	0.10	0.45
		PM _{2.5}	<0.01	0.02

- (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 - 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} - particulate matter equal to or less than 2.5 microns in diameter
OMS - odorless mineral spirits
VCM - vinyl chloride monomer
(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

Date: September 26, 2017