

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 682E

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. (1,4)	Source		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
BL3111	PVC Railcar Unloading Cyclone			PM(PVC)	0.14	0.61
TK3111A	PVC Silo A Cyclone			PM(PVC)	0.14	0.61
TK3111B	PVC Silo B Cyclone			PM(PVC)	0.14	0.61
BL3114	MBS Conveyor Fabric			PM ₁₀ (MBS)	0.11	0.48
BL3113	PVC Charge Tank Cyclone			PM(PVC)	0.07	0.31
BL3161	Work Space Collectors Fabric Filter			PM ₁₀ (Additives)	0.06	0.26
BL3151	Pellets RCL Fabric Filter			PM(PVC)	0.04	0.18
FL3155	PVC Compound Loadout A Fabric Filter			PM(PVC)	0.04	0.18
CY3151	PVC Compound Loadout B Fabric Filter			PM(PVC)	0.04	0.18
BL3162	PVC Transfer Fabric Filter			PM ₁₀ (MBS)	0.04	0.18
CM3131	Roof Vent, Nash Pump			VOC	1.10	4.80
				PM(PVC)	0.07	0.30
				VCM	0.03	0.11
				EHTG	0.13	0.57
BL6111	PVC Railcar Unloading			PM(PVC)	0.14	0.61

Fabric Filter

BL6113B	Head Tank Fabric Filter	PM ₁₀ (MBS)	0.10	0.44
BL6114	Head Tank Fabric Filter	PM(PVC)	0.18	0.81

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Emission Point No. (1,4)	Source Name (2)	Air Contaminant Name (3)	lb/hr	<u>Emission Rates *</u> TPY	
BL6115	Storage Tank Fabric Filter			PM ₁₀ (Additives)	0.12 0.54
BL6116	Ingredient Tank Fabric Filter			PM ₁₀ (TiO ₂)	0.16 0.72
BL6117	Ingredient Tank Fabric Filter			PM ₁₀ (Additives)	0.08 0.36
BL6141	Cushion Tank Fabric Filter			PM(Compound)	0.14 0.61
BL6151	Service Hopper Fabric Filter			PM(Compound)	0.07 0.30
BL6155	Mixer/Cooler Fabric Filter			PM(Compound)	0.01 0.06
				VCM	0.10 0.44
				OMS	0.21 0.93
BL6156	Mixer/Roll Mill ESP			OMS	0.21 0.93
BL6157	Dicer Fabric Filter			PM(PVC)	0.07 0.30
BL6158	Dicer Cyclone			PM(Pellet)	0.02 0.09
BL6159	Cyclone CY-6154			PM(Pellet)	0.02 0.09
CY6111A/B FL6143A	Silo Cyclone			PM(PVC)	0.10 0.44
CY6151	Tank Cyclone			PM(Pellet)	0.02 0.09
CY6152 CY6156	Hopper Car Cyclone			PM(Pellet)	0.02 0.11
FL6142A/B FL6143B FL6144A/B/C	Hopper Car/Silo Fabric			PM(Compound)	0.10 0.44

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FL6142C/D

BL6113A	Bag Filter	PM ₁₀ (CaCO ₃)	0.10	0.44
BL4111	BL4111	PM(PVC)	0.14	0.61

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Emission Point No. (1,4)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
BL5143	BL5143	PM(Compound)	0.04	0.06
		OMS	0.01	0.02
		VCM	<0.01	0.01
CY4111	CY4111	PM(PVC)	0.16	0.70
CY4112	CY4112			
BL5111	BL5111	PM(PVC)	0.14	0.61
BL5113A	BL5113A	PM ₁₀ (CaCO ₃)	0.10	0.44
BL5113B	BL5113B	PM ₁₀ (MBS)	0.10	0.44
BL5114	BL5114	PM(PVC)	0.18	0.81
BL5116	BL5116	PM ₁₀ (TiO ₂)	0.16	0.72
BL5117	BL5117	PM ₁₀ (Additives)	0.12	0.54
FL5151	FL5151	PM(Compound)	0.10	0.44
FL5142A/B	FL5142A/B			
BL5155	BL5155	PM(Compound)	0.01	0.06
		VOC(VCM)	0.10	0.44
		VOC(OMS)	0.21	0.93
BL5141	BL5141	PM(Compound)	0.14	0.61
CY5111A/B	CY5111A/B	PM(PVC)	0.10	0.44
DC5151	DC5151	PM(Compound)	0.10	0.20
BL4113A	Bag Filter, FL-4115	PM ₁₀ (CaCO ₃)	0.10	0.44
BL4113B	Bag Filter, FL-4116	PM ₁₀ (MBS)	0.10	0.44
BL4114	Bag Filter, FL-4114	PM(PVC)	0.18	0.81
BL4116	Bag Filter, FL-4125	PM ₁₀ (TiO ₂)	0.16	0.72

	and others			
BL4117	Bag Filter, FL-4126 and others	PM ₁₀ (Additives)	0.08	0.36

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Emission Point No. (1,4)	Source Name (2)	Air Contaminant Name (3)	lb/hr	<u>Emission Rates *</u> TPY	
BL4155	Vent Sock, FL-4131	PM ₁₀ (Compound)	0.01	0.06	
		VCM	0.10	0.44	
		OMS	0.21	0.93	
BL4141	Bag Filter, FL-4141A/B	PM(Compound)	0.14	0.61	
FL4142A/B FL4151 FL4143	Bag Filter	PM(Compound)	0.10	0.44	
DC4151	Bag Filter, DC-4151	PM(Compound)	0.10	0.20	

- (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 General Rule 101.1
 PM - particulate matter greater than 10 microns
 PM₁₀ - particulate matter
 PVC - Polyvinyl Chloride
 MBS - Methacrylate Butadiene Styrene
 VCM - Vinyl Chloride Monomer
 OMS - Organic Mineral Spirits
 EHTG - 2-Ethylhexylthioglycolate
 TiO₂ - titanium oxide
 CaCO₃ - calcium carbonate
- (4) Multiple emission points listed with one emission rate are shown when emissions may only occur from one of the emission points at a time. The hourly limit provides the maximum allowable emissions from any one of the points and the annual limit is a cumulative maximum from the multiple emission points.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day____Days/week____Weeks/year____or Hrs/year 8,760

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Dated _____