EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 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)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY**
BL3111	PVC Railcar Unloading Cyclone	PM/PM_{10} (PVC)	0.14	0.61
BL3113	PVC Charge Tank Cyclone	PM/PM_{10} (PVC)	0.07	0.31
BL3114	MBS Conveyor Fabric	PM/PM_{10} (MBS)	0.11	0.48
BL3151	Pellets RCL Fabric Filter	PM/PM_{10} (PVC)	0.04	0.18
BL3161	Work Space Collectors Fabric Filter	PM/PM_{10} (Additives)	0.06	0.26
BL3162	PVC Transfer Fabric Filter	PM/PM_{10} (MBS)	0.04	0.18
BL4111	BL4111	PM/PM_{10} (PVC)	0.14	0.61
BL4113A	Bag Filter, FL-4115	PM/PM_{10} ($CaCO_3$)	0.10	0.44
BL4113B	Bag Filter, FL-4116	PM/PM_{10} (MBS)	0.10	0.44
BL4114	Bag Filter, FL-4114	PM/PM_{10} (PVC)	0.18	0.81
BL4116	Bag Filter, FL-4125, and others	PM/PM_{10} (TiO_2)	0.16	0.72
BL4117	Bag Filter, FL-4126, and others	PM/PM_{10} (Additives)	0.08	0.36
BL4141	Bag Filter, FL-4141A/B	PM/PM_{10} (Compound)	0.14	0.61

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY**
BL4155	Vent Sock, FL-4131	PM/PM_{10} (Compound)	0.01	0.06
		VCM	0.11	0.45
		OMS	0.21	0.90
BL5111	BL5111	PM/PM_{10} (PVC)	0.14	0.61
BL5113A	BL5113A	PM/PM_{10} ($CaCO_3$)	0.10	0.44
BL5113B	BL5113B	PM/PM_{10} (MBS)	0.10	0.44
BL5114	BL5114	PM/PM_{10} (PVC)	0.18	0.81
BL5116	BL5116	PM/PM_{10} (TiO_2)	0.16	0.72
BL5117	BL5117	PM/PM_{10} (Additives)	0.12	0.54
BL5141	BL5141	PM/PM_{10} (Compound)	0.14	0.61
BL5143	BL5143 (7)	PM/PM_{10} (Compound)	0.04	0.06
		OMS	0.01	0.02
		VCM	0.01	0.01
BL-5144	BL-5144	PM/PM_{10} ($CaCO_3$, TiO_2)	0.10	0.44
BL5155	BL5155	PM/PM_{10} (Compound)	0.01	0.06
		VOC (VCM)	0.11	0.45
		VOC (OMS)	0.21	0.90
BL6111	PVC Railcar Unloading Fabric Filter	PM/PM_{10} (PVC)	0.14	0.61
BL6113A	Bag Filter	PM/PM_{10} ($CaCO_3$)	0.10	0.44
BL6113B	Head Tank Fabric Filter	PM/PM_{10} (MBS)	0.10	0.44
BL6114	Head Tank Fabric Filter	PM/PM_{10} (PVC)	0.18	0.81

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY**
BL6115	Storage Tank Fabric Filter	PM/PM_{10} (Additives)	0.12	0.54
BL6116	Ingredient Tank Fabric Filter	PM/PM_{10} (TiO_2)	0.16	0.72
BL6117	Ingredient Tank Fabric Filter	PM/PM_{10} (Additives)	0.08	0.36
BL6141	Cushion Tank Fabric Filter	PM/PM_{10} (Compound)	0.14	0.61
BL6151	Service Hopper Fabric Filter	PM/PM_{10} (Compound)	0.07	0.30
BL6155	Mixer/Cooler Fabric Filter	PM/PM_{10} (Compound) VCM OMS	0.01 0.11 0.21	0.06 0.45 0.90
BL6156	Mixer/Roll Mill ESP	OMS	0.21	0.94
BL6157	Dicer Fabric Filter	PM/PM_{10} (PVC)	0.07	0.30
BL6158	Dicer Cyclone	PM/PM_{10} (Pellet)	0.02	0.09
BL6159	Cyclone CY-6154	PM/PM_{10} (Pellet)	0.02	0.09
BL-6160	BL-6160	PM/PM_{10} ($CaCO_3$, TiO_2)	0.05	0.20
BL-7151	BL-7151	PM/PM_{10} ($CaCO_3$, TiO_2)	0.07	0.31
BL-7152	BL-7152	PM/PM_{10} (Color MBS)	0.08	0.36
CL-7151	CL-7151	PM/PM_{10} ($CaCO_3$, TiO_2)	0.01	0.06
CM3131	Roof Vent, Nash Pump	VOC PM/PM_{10} (PVC) VCM	0.06 0.07 0.03	0.24 0.30 0.12

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AIR CONTAMINANTS DATA

Emission Point No. (1) *	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	TPY**
CY3151	PVC Compound Loadout B Fabric Filter	PM/PM_{10} (PVC)	0.04	0.18
CY4111 / CY4112	CY4111 and CY4112	PM/PM_{10} (PVC)	0.16	0.70
CY5111A/B	CY5111A/B	PM/PM_{10} (PVC)	0.10	0.44
CY6111A/B and FL6143A	Silo Cyclone	PM/PM_{10} (PVC)	0.10	0.44
CY6151	Tank Cyclone	PM/PM_{10} (Pellet)	0.02	0.09
CY6152 / CY6156	Hopper Car Cyclone	PM/PM_{10} (Pellet)	0.02	0.11
CY-7151A/B	CY-7151A/B	PM/PM_{10} (PVC, Compound)	0.05	0.22
CY-7152	CY-7152 (9)	PM/PM_{10} (PVC, Compound)		
CY-6156	CY-6156 (9)	PM/PM_{10} (PVC, Compound)		
DC4151	Bag Filter, DC-4151 (6)	PM/PM_{10} (Compound)	0.10	0.20
DC5151	DC5151 (6)	PM/PM_{10} (Compound)	0.10	0.20
DC7201	Bag Filter	PM/PM_{10} (PVC)	0.15	0.66
FL3155	PVC Compound Loadout A Fabric Filter	PM/PM_{10} (PVC)	0.04	0.18
FL4142A/B FL4143 and FL4151	Bag Filter	PM/PM_{10} (Compound)	0.10	0.44

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY**
FL5151 FL5142A/B	FL5151 and FL5142A/B	PM/PM_{10} (Compound)	0.10	0.44
FL6142A/B FL6142C/D FL6143B FL6144A/B/C	Hopper Car/Silo Fabric	PM/PM_{10} (Compound)	0.10	0.44
FL7201A/B/C	Bag House	PM/PM_{10} (PVC)	0.10	0.44
TK3111A	PVC Silo A Cyclone	PM/PM_{10} (PVC)	0.14	0.61
TK3111B	PVC Silo B Cyclone	PM/PM_{10} (PVC)	0.14	0.61
TK4115	Storage Silo Bag Filter FL4115	PM/PM_{10} ($CaCO_3$)	0.07	0.30(5)
TK5115	Storage Silo Bag Filter FL5115	PM/PM_{10} ($CaCO_3$)	0.07	(5)
TK6115	Storage Silo Bag Filter FL6115	PM/PM_{10} ($CaCO_3$)	0.07	(5)
TK4511	Storage silo (8) Bag filter, FL4511	PM/PM_{10} ($CaCO_3$)	0.13	0.09(4)
TK5511	Storage silo (8) Bag filter, FL5511	PM/PM_{10} ($CaCO_3$)	0.13	(4)
TK6511	Storage silo (8) Bag filter, FL6511	PM/PM_{10} ($CaCO_3$)	0.13	(4)
VP-7151	VP-7151	VOC	0.12	0.48

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY**

(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) $CaCO_3$ - calcium carbonate
MBS - methacrylate butadiene styrene
OMS - odorless mineral spirits
PM - particulate matter, suspended in the atmosphere, including PM_{10}.
PM_{10} - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
PVC - polyvinyl chloride
TiO_2 - titanium oxide
VCM - vinyl chloride monomer
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
(4) TK4511, TK5511, and TK6511 will have only one EPN operate at any given time. Sum of emissions is shown.
(5) TK4115, TK5115, and TK6115 will have only one EPN operate at any given time. Sum of emissions is shown.
(6) 3,800 hours per year of operation
(7) 3,000 hours per year of operation
(8) 1,400 hours per year of operation
(9) CY6156, CY7152, TK7155A, and TK7155B will have only one EPN operate at any given time. Sum of emissions is shown.

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

24 Hrs/day 7 Days/week 52 Weeks/year

** Compliance with annual emission limits is based on a rolling 12-month period.