EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 49076

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 **
165-ATM-1	Base Resin Feed Hopper 1A	VOC	0.43	0.59
		PM 0.13	0.25	
165-ATM-2	Base Resin Feed Hopper 1B	VOC	0.43	0.59
		PM 0.34	0.25	
165-ATM-3	Base Resin Feed Hopper 1S	VOC	0.22	0.06
		PM 0.34	0.20	
165-ATM-4	Base Resin Feed Hopper 2B	VOC	0.12	0.33
		PM 0.34	0.45	
165-ATM-5	Base Resin Feed Hopper 2S	VOC	0.01	0.01
		PM 0.16	0.20	
165-ATM-6	Base Resin Feed Hopper 2RW	VOC 0.14	0.12	
		PM 0.06	0.10	
165-ATM-7	Base Resin Feed Hopper 3N	VOC	0.22	0.24
		PM 0.04	0.10	
165-ATM-8	Base Resin Feed Hopper 3B	VOC	0.43	0.67
		PM 0.34	0.25	
165-ATM-9	Base Resin Feed Hopper 3RW	VOC 0.34	0.22	
		PM 0.15	0.10	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY **
165-SOC-1	Natural Resin Unloading	PM	0.01	0.03
165-SEP-1	No. 3 Direct Packaging Separator	PM	0.02	0.11
165-SEP-2	No. 2X Waste Separator	VOC	0.01	0.01
		PM 0.02	0.01	
165-ATM-10	No. 1X Centrifugal Dryer	VOC	0.18	0.55
		PM 0.92	0.60	
165-ATM-11	No. 2X Centrifugal Dryer	VOC	0.01	0.03
		PM 0.92	0.60	
165-ATM-12	No. 3X Centrifugal Dryer	VOC	0.18	0.55
		PM 0.92	0.60	
165-TK-1	No. 2 and 3 Xtrdr Acid Return Tank	VOC	0.01	0.01
165-SOC-2	No. 1 H/C Unloading Blower Filter	PM	0.01	0.01
165-SOC-3	No. 1 H/C Unloading Blower Filter	PM	0.01	0.01
165-SOC-4	No. 4 H/C Unloading Blower Filter	PM	0.01	0.01
165-SOC-5	Zinc H/C Unloading Blower Filter	PM	0.01	0.01
165-SOC-6	North Pkg. Blower Filter	PM	0.01	0.01
165-SOC-7	South Pkg. Blower Filter	PM	0.01	0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY **
165-SOC-8	165 Building Vacuum System	VOC	0.11	0.42
		PM	0.01	0.01
165-SOC-9	R-125 System	PM	0.01	0.01
165-SEP-3	No. 3 South Concentrate Sep.	VOC	0.13	0.42
		PM	0.01	0.02
166-BAG-1	North Area Fines Collection Filter	VOC	21.69	32.75
		PM	0.08	0.06
166-ATM-1	XM-Hoppers	VOC	0.18	0.55
		PM	0.56	0.40
166-BAG-2	XM Hopper Fines Dust Collector	PM	0.03	0.02
166-SEP-1	Direct Packaging Separator	VOC	0.13	0.42
		PM	0.02	0.06
166-SEP-2	"A" Separator	PM	0.26	0.02
166-SEP-4	North Area Silo Waste Separator	PM	0.08	0.01
166-SEP-3	"B" Separator	PM	0.06	0.02
166-SOC-1	166 Building Vacuum System	PM	0.01	0.01
167-BAG-1	North/South/Surlyn H/C Filter	PM	0.03	0.03
167-SEP-1	South H/C Loading Separator	PM	0.78	1.07
167-SEP-2	North H/C Loading Separator	PM	0.84	1.07

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY **
167-SEP-3	Surlyn H/C Loading Kice Separator	PM	0.13	0.16
167-SEP-4	H/C Loading Waste Separator	PM	0.08	0.41
189-VNT	Building 189 Combined Emissions	VOC PM	19.43 0.70	9.23 9.55
192.-BAG-1	Unloading/Packaging/Transfer	PM 0.01		0.01
192-PTK-1	Propane Tank Loading	VOC	0.07	0.03
FUG	CSD Fugitives (4)	VOC	0.34	1.48
192-ATM-1	Weigh Bins	PM	0.12	0.10
192-SEP-1	Waste Separator	PM	0.13	0.01
192-BAG-2	H/C Unloading Filter	PM	0.01	0.01
534-Comb	SEP -(1-12) and BAG-1	VOC PM 1.21	0.71 4.39	0.04
534-SEP-13	No. 3 Box Line	PM	0.08	0.06
534-SOC-1	No. 1 Bag Rework Blower Filter	PM 0.01		0.01
534-SOC-2	No. 2 Bag Rework Blower Filter	PM 0.02		0.01
534-BAG-2	534 Building Vacuum System	PM	0.01	0.01

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY **
534-SOC-3	4X Jumbo Transfer Blower Filter	PM	0.01	0.01
534-ATM-1	Portable Hopper Car Unloading	PM	0.06	0.01
700-SOC-1	Base Resin Feed Primary Filter	VOC	1.63	6.00
		PM	0.03	0.01
700-SOC-2	Hopper Car Suction Blower Bag	PM	0.01	0.01
192-TRLR	192 Pad Waste Pellets	VOC	20.41	35.00
700-SOC-3	700 Building Vacuum System	VOC	1.30	4.80
		PM	0.01	0.01
700-ATM-1	Centrifugal Dryer	VOC	0.10	0.36
		PM	0.04	0.09
700-SOC-4	Pellet Cooler Product Separator Filter	PM	0.03	0.01
700-SOC-5	Weight Hopper	PM	0.01	0.01
700-SEP-1	Ballast Separator	VOC	0.01	0.01
		PM	0.06	0.10
700-SEP-2	Direct Boxing Separator	VOC	0.06	0.24
		PM	0.06	0.60
700-TK-1	Waste Acid Tank	VOC	0.01	0.01

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CSD-CT-1	Cooling Tower	PM	0.04	0.17

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
(2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
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.
(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

_____Hrs/day __Days/week __Weeks/year or _8760_ Hrs/year

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

Dated August 30, 2005