

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 73287

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
SR01A	Warehouse Nos. 1 and 2 Receiving Pit	PM	4.50	--
		PM <sub>10</sub> /PM <sub>2.5</sub>	0.68	--
SR01B	Warehouse Nos. 5-10 Receiving Pit	PM	4.50	--
		PM <sub>10</sub> /PM <sub>2.5</sub>	0.68	--
SR01C	Warehouse Nos. 43-52 Receiving Pits (3)	PM	13.50	--
		PM <sub>10</sub> /PM <sub>2.5</sub>	2.03	--
SR02	Warehouse No. 8 Seed Drop Cyclone	PM	0.04	--
		PM <sub>10</sub> /PM <sub>2.5</sub>	0.01	--
SR03	Warehouse No. 9 Seed Drop Cyclone	PM	0.04	--
		PM <sub>10</sub> /PM <sub>2.5</sub>	0.01	--
SR04	Warehouse No. 10 Seed Drop Cyclone	PM	0.04	--
		PM <sub>10</sub> /PM <sub>2.5</sub>	0.01	--
SR05	Delinting Plant Receiving Pit	PM	2.70	--
		PM <sub>10</sub> /PM <sub>2.5</sub>	0.41	--
	Total Receiving Operations	PM	--	1.58
		PM <sub>10</sub> /PM <sub>2.5</sub>	--	0.24
DP03	Delinting Rotary Dryer Cyclone	PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.02	2.02
		NO <sub>x</sub>	0.29	0.64
		CO	0.25	0.54
		SO <sub>2</sub>	<0.01	<0.01
		VOC	0.02	0.04

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DP01	Delinting Drums Bagfilter Stack	PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.86	1.88
		HCl (HAP)	0.72	0.50
DP02	Delinting Plant Vacuum Cyclone	PM/PM <sub>10</sub> /PM <sub>2.5</sub>	1.16	2.53
DP04	Delinting Cleaner Cyclone	PM/PM <sub>10</sub> /PM <sub>2.5</sub>	1.44	3.15
		HCl (HAP)	0.12	0.09
DP05	Buffer Cyclone	PM/PM <sub>10</sub> /PM <sub>2.5</sub>	1.03	2.25
		HCl (HAP)	0.12	0.09
DP06	Gravity Separators Cyclone	PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.77	1.69
L1	Lint/Culls Loadout	PM	0.42	0.29
		PM <sub>10</sub> /PM <sub>2.5</sub>	0.14	0.10
TP04	Rebagging/New Seed Aspirator Bagfilter Stack	PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.20	0.43
TP01	Seed Treating and Packaging Processes Drum Filter Stack	PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.45	0.16
		VOC	37.01	11.80
		Vinyl Acetate (HAP) (4)	0.10	0.21
		Ethylene Glycol (HAP) (4)	0.01	0.02
TP02	Seed Treatment Line Drum Filter Cleaning Systems Fugitives Catch Sock Filter Stack	PM/PM <sub>10</sub> /PM <sub>2.5</sub>	<0.01	<0.01
TP03	Seed Treatment Line Aspirator Sock Filter Stack	PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.14	0.30
TP05	Color Sorter Bagfilter Stack	PM/PM <sub>10</sub> /PM <sub>2.5</sub>	<0.01	<0.01

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.

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- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>
- PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter
- PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter
- VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- NO<sub>x</sub> - total oxides of nitrogen
- SO<sub>2</sub> - sulfur dioxide
- CO - carbon monoxide
- HCl - hydrogen chloride
- 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) The HAP emissions are included as part of total VOC emissions.

Dated: December 22, 2010