

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 4673B

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	Source	Air Contaminant	<u>Emission Rates*</u>		
Point No. (1)	Name (2)	Name (3)	No./hr	TPY	DPP 82C Drier Scrubber
VOC	0.46			2.03	
					PM <sub>10</sub> 1.26
5.54				NO <sub>x</sub> 2.80	12.26
				SO <sub>2</sub> 0.01	0.04
				CO 0.70	3.07
DPP 83	D Drier Scrubber			VOC 0.46	2.03
PM <sub>10</sub>	1.26			5.54	
				NO <sub>x</sub> 2.80	12.26
				SO <sub>2</sub> 0.01	0.04
				CO 0.70	3.07
DPP 30	A Drier Scrubber			VOC 1.08	4.72
				PM <sub>10</sub> 1.88	8.24
				NO <sub>x</sub> 2.80	12.26
				SO <sub>2</sub> 0.01	0.04
				CO 0.70	3.07
DPP 31	B Drier Scrubber			VOC 1.08	4.72
				PM <sub>10</sub> 1.88	8.24
				NO <sub>x</sub> 2.80	12.26
				SO <sub>2</sub> 0.01	0.04

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Emission	Source	Air Contaminant	<u>Emission Rates*</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>No./hr</u>	<u>TPY</u>
		CO	0.70	3.07
DPP 57	Reactor Vent Blower	VCM	0.30	0.50
DPP 95	Reactor Vent Blower	VCM	0.30	0.50
DPP 40	570 Receiver Baghouse	TSP	0.46	1.31
DPP 41	580 Receiver Baghouse	TSP	0.46	1.31
DPP 42	590 Receiver Baghouse	TSP	0.46	1.31
DPP 94	595 Receiver Baghouse	TSP	0.46	1.31
DPP 43	Resin Dust Collector	TSP	0.13	0.55
DPP 45	C Train Baghouse	TSP	3.26	14.30
DPP 46	D Train Baghouse	TSP	3.26	14.30
DPP 48	585 Baghouse	TSP	0.30	0.16
DPP 51	Vacuum Baghouse	TSP	0.03	0.15
DPP 81	Additives Baghouse	TSP	<0.02	0.10
DPP 101	Bulk Container Baghouse	TSP	0.01	0.02
DPP 80	Ammonia Scrubber	NH <sub>3</sub>	<0.01	<0.01
DPP 103	Wastewater Stripper	VCM	0.03	0.10
DPP 102	Fugitive (4)	VCM	0.89	3.91
DPP 92	701 Silo Baghouse	TSP	0.20	(5)
DPP 93	702 Silo Baghouse	TSP	0.20	(5)

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>No./hr</u>	<u>TPY</u>	
DPP 89	703 Silo Baghouse	TSP	0.20	(5)	
DPP 55	704 Silo Baghouse	TSP	0.20	(5)	
DPP 90	705 Silo Baghouse	TSP	0.20	(5)	
DPP 56	706 Silo Baghouse	TSP	0.20	(5)	
DPP 91	510 Silo Baghouse	TSP	0.02	(5)	
DPP 88	511 Silo Baghouse	TSP	0.20	(5)	
DPP 68	512 Silo Baghouse	TSP	0.20	(5)	
DPP 71	514 Silo Baghouse	TSP	0.20	(5)	
DPP 72	515 Silo Baghouse	TSP	0.20	(5)	
DPP 73	516 Silo Baghouse	TSP	0.20	(5)	
DPP 74	517 Silo Baghouse	TSP	0.20	(5)	
DPP 75	518 Silo Baghouse	TSP	0.20	(5)	
DPP 87	525 Silo Baghouse	TSP	0.20	(5)	
DPP 84	526 Silo Baghouse	TSP	0.20	(5)	
DPP 85	527 Silo Baghouse	TSP	0.20	(5)	
DPP 86	528 Silo Baghouse	TSP	0.20	(5)	

- (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) NO<sub>x</sub> - total oxides of nitrogen

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Emission	Source	Air Contaminant	<u>Emission Rates*</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>No./hr</u>	<u>TPY</u>
		SO <sub>2</sub> - sulfur dioxide		
		PM - particulate matter		
		CO - carbon monoxide		
		NH <sub>3</sub> - ammonia		
		VCM - vinyl chloride monomer		
		TSP - total suspended particulate		
		VOC - volatile organic compound		
(4)	Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.			
	Vinyl Chloride Monomer			
(5)	Total for all Silo Baghouses is 12.94 TPY.			

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

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8760

Dated \_\_\_\_\_