

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 | Emission Rates | |
|---------------|---------------------|------------------|----------------|-------|
| Point No. (1) | Name (2) | Name (3) | lb/hr | TPY |
| DPP 82 | C Drier Scrubber | VOC | 0.46 | 2.03 |
| | | PM ₁₀ | 1.26 | 5.54 |
| | | NO _x | 2.80 | 12.26 |
| | | SO ₂ | 0.01 | 0.04 |
| | | CO | 0.70 | 3.07 |
| DPP 83 | D Drier Scrubber | VOC | 0.46 | 2.03 |
| | | PM ₁₀ | 1.26 | 5.54 |
| | | NO _x | 2.80 | 12.26 |
| | | SO ₂ | 0.01 | 0.04 |
| | | CO | 0.70 | 3.07 |
| DPP 30 | A Drier Scrubber | VOC | 1.08 | 4.72 |
| | | PM ₁₀ | 1.88 | 8.24 |
| | | NO _x | 2.80 | 12.26 |
| | | SO ₂ | 0.01 | 0.04 |
| | | CO | 0.70 | 3.07 |
| DPP 31 | B Drier Scrubber | VOC | 1.08 | 4.72 |
| | | PM ₁₀ | 1.88 | 8.24 |
| | | NO _x | 2.80 | 12.26 |
| | | SO ₂ | 0.01 | 0.04 |
| | | 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 |

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| Point No. (1) | Name (2) | Name (3) | lb/hr | TPY |
| DPP 40 | Silo Dust Collector, 570 Baghouse 1.31 | TSP | 0.46 | |
| DPP 41 | Silo Dust Collector, 580 Baghouse 1.31 | TSP | 0.46 | |
| DPP 42 | Silo Dust Collector, 590 Baghouse 1.31 | TSP | 0.46 | |
| DPP 94 | Blending Silo Dust Collector, TSP 595 Baghouse | | 0.46 | 1.31 |
| DPP 43 | Resin Dust Collector | TSP | 0.13 | 0.55 |
| DPP 45 | C Train Receiver Baghouse | TSP | 3.26 | 14.30 |
| DPP 46 | D Train Receiver Baghouse | TSP | 3.26 | 14.30 |
| DPP 48 | Silo Dust Collector, 585 Baghouse 0.16 | TSP | 0.30 | |
| DPP 51 | Vacuum Cleaner Baghouse | TSP | 0.03 | 0.15 |
| DPP 81 | Additives Baghouse | TSP | 0.02 | 0.10 |
| DPP 101 | Bulk Container Packaging Baghouse 0.02 | TSP | 0.01 | |
| DPP 80 | Ammonia Scrubber Vent | NH ₃ | <0.01 | <0.01 |
| DPP 103 | Wastewater Stripper Vent | VCM | 0.03 | 0.10 |
| DPP 104 | Allyl Phthalate Storage Tank (6) 0.03 | VOC | 2.50 | |

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| Point No. (1) | Name (2) | Name (3) | lb/hr | TPY |
| DPP 102 | Process Fugitives (4) | VCM | 1.69 | 7.40 |
| DPP 92 | Blending Silo Dust Collector, 701 Baghouse | TSP | 0.20 | (5) |
| DPP 93 | Blending Silo Dust Collector, 702 Baghouse | TSP | 0.20 | (5) |
| DPP 89 | Silo Dust Collector, 703 Baghouse 0.20 | (5) | TSP | |
| DPP 55 | Silo Dust Collector, 704 Baghouse 0.20 | (5) | TSP | |
| DPP 90 | Silo Dust Collector, 705 Baghouse 0.20 | (5) | TSP | |
| DPP 56 | Silo Dust Collector, 706 Baghouse 0.20 | (5) | TSP | |
| DPP 91 | Blending Silo Dust Collector, 510 Baghouse | TSP | 0.20 | (5) |
| DPP 88 | Blending Silo Dust Collector, 511 Baghouse | TSP | 0.20 | (5) |
| DPP 68 | Blending Silo Dust Collector, 512/513 Baghouses | TSP | 0.20 | (5) |
| DPP 71 | Blending Silo Dust Collector, 514 Baghouse | TSP | 0.20 | (5) |
| DPP 72 | Blending Silo Dust Collector, | TSP | 0.20 | (5) |

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| Point No. (1) | Name (2) | Name (3) | lb/hr | TPY |
| | 515 Baghouse | | | |
| DPP 73 | Blending Silo Dust Collector, 516 Baghouse | TSP | 0.20 | (5) |
| DPP 74 | Silo Dust Collector, 517 Baghouse | TSP | 0.20 | (5) |
| DPP 75 | Blending Silo Dust Collector, 518 Baghouse | TSP | 0.20 | (5) |
| DPP 87 | Blending Silo Dust Collector, 525 Baghouse | TSP | 0.20 | (5) |
| DPP 84 | Blending Silo Dust Collector, 526 Baghouse | TSP | 0.20 | (5) |
| DPP 85 | Blending Silo Dust Collector, 527 Baghouse | TSP | 0.20 | (5) |
| DPP 86 | Blending Silo Dust Collector, 528 Baghouse | TSP | 0.20 | (5) |
| DPP 55, 56, 68, 71-75, 84-93 | Silo Baghouses 701-706, 510-518, 525-528 | TSP | 12.94 | |

(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 compound
PM₁₀ - particulate matter less than 10 microns in diameter

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NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

CO - carbon monoxide

VCM - vinyl chloride monomer

NH₃ - anhydrous ammonia

TSP - total suspended particulate

(4) Fugitive emissions are an estimate based on component count, emission factors, and applicable reduction credits for a leak detection and repair program.

(5) Total for all silo baghouses is 12.94 TPY.

(6) Emission source previously authorized under Standard Exemption 51.

* 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 8,760

Dated _____