

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 19073

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 | | Air Contaminant | | <u>Emission Rates *</u> | |
|---------------------------|---------------------------|----------|-----------------|-----|-------------------------|--------|
| | Name (2) | Name (3) | lb/hr | TPY | | |
| 672 | Vacuum Cleaning System | | | PM | 0.1 | 0.003 |
| 673 | CB Unloading Ventilation | | | PM | <0.001 | <0.001 |
| | System Filter | | | | | |
| 674 | CB Dense Phase Conveying | | | PM | 0.1 | 0.049 |
| | System Filter | | | | | |
| 675 | CB Dense Phase Conveying | | | PM | 0.1 | 0.049 |
| | System Filter | | | | | |
| 676 | EVA Dump System Filter | | | PM | 0.02 | 0.015 |
| 677 | CB Dense Phase Conveying | | | PM | 0.10 | 0.045 |
| | System Filter | | | | | |
| 678 | CB Storage Bin Filter | | | PM | 0.10 | 0.049 |
| 679 | CB Storage Bin Filter | | | PM | 0.10 | 0.049 |
| 680 | CB Storage Bin Filter | | | PM | 0.10 | 0.038 |
| 681 | CB Storage Bin Filter | | | PM | 0.10 | 0.007 |
| 682 | Rubber Dump Hopper Filter | | | PM | 0.02 | 0.038 |
| 683 | Resin Filter Receiver | | | PM | 0.05 | 0.038 |
| 684 | Resin Filter Receiver | | | PM | 0.05 | 0.038 |
| 685 | Resin Filter Receiver | | | PM | 0.05 | 0.038 |
| 686 | Resin Bin Vent Filter | | | PM | 0.05 | 0.035 |

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|---------------------------|--------------------------------|-----------------------------|-------------------------|-------|
| | | | lb/hr | TPY |
| 687 | Rubber Bin Vent Filter | PM | 0.02 | 0.019 |
| 688 | Trim Bin Vent Filter | PM | 0.05 | 0.003 |
| 689 | Resin Bin Vent Filter | PM | 0.05 | 0.035 |
| 690 | Resin Bin Vent Filter | PM | 0.05 | 0.035 |
| 691 | Rubber Bin Vent Filter | PM | 0.02 | 0.019 |
| 692 | Trim Bin Vent Filter | PM | 0.05 | 0.003 |
| 693 | Resin Bin Vent Filter | PM | 0.05 | 0.035 |
| 694 | Trim Bin Vent Filter | PM | 0.05 | 0.003 |
| 695 | Fugitives (4) | VOC | | 0.03 |
| 696 | Additive Dump Hopper Filter | PM | 0.075 | 0.002 |
| 697 | Additive Dump Hopper Filter | PM | 0.075 | 0.002 |
| 698 | Additive Dump Hopper Filter | PM | 0.075 | 0.002 |
| 699 | Additive Dump Hopper Filter | PM | 0.075 | 0.002 |
| 728 | Additive Dump Hopper Filter | PM | 0.075 | 0.002 |
| 729 | Additive Dump Hopper Filter | PM | 0.075 | 0.002 |
| 730 | Additive Dump Hopper Filter | PM | 0.075 | 0.002 |

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|---------------------------|--------------------------------|-----------------------------|-------------------------|---------------|
| | | | lb/hr | TPY |
| 731 | Additive Dump Hopper Filter | PM | 0.075 | 0.002 |
| 732 | Compounding Line Filter | VOC PM | 0.57 <.006 | 2.2 0.021 |
| 733 | Pellet Dryer | PM | 0.04 | 0.16 |
| 734 | Compounding Line Filter | VOC PM | 0.57 <.006 | 2.2 0.016 |
| 735 | Pellet Dryer | PM | 0.04 | 0.16 |
| 736 | Compounding Line Filter | VOC PM | 0.57 <.004 | 2.2 0.016 |
| 737 | Pellet Dryer | PM | 0.04 | 0.16 |
| 738 | Peroxide Storage Tank Vent | VOC | 0.001 | 0.004 |
| 739 | Peroxide Storage Tank Vent | VOC | 0.001 | 0.004 |
| 740 | Peroxide Day Bin Vent | VOC | 0.50 | 0.022 |
| 741 | Peroxide Day Bin Vent | VOC | 0.50 | 0.022 |
| 742 | Surge Hopper Vent Filter | PM | 0.02 | 0.073 |
| 743 | Cooling Tumbler Vent Filter | VOC PM | 0.045 0.016 | 0.18 0.063 |
| 744 | Packaging Bin Vent Filter | PM | 0.02 | 0.073 |

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|---------------------------|--------------------------------|-----------------------------|-------------------------|---------------|
| | | | lb/hr | TPY |
| 745 | Trim Transfer System Filter | PM | 0.004 | 0.018 |
| 746 | Surge Hopper Vent Filter | PM | 0.02 | 0.073 |
| 747 | Cooling Tumbler Vent Filter | VOC PM | 0.045 0.016 | 0.18 0.063 |
| 748 | Packaging Bin Vent Filter | PM | 0.02 | 0.073 |
| 749 | Trim Transfer System Filter | PM | 0.004 | 0.018 |
| 750 | Surge Hopper Vent Filter | PM | 0.016 | 0.063 |
| 751 | Cooling Tumbler Vent Filter | VOC PM | 0.045 0.016 | 0.18 0.063 |
| 752 | Packaging Bin Vent Filter | PM | 0.016 | 0.063 |
| | Acetic Acid | VOC | 1.5 | 6.3 |
| | Vinly Acetate | VOC | 0.03 | 0.127 |
| | Cumene | VOC | 0.036 | 0.151 |
| | Phenol | VOC | 0.006 | 0.025 |
| | α-Methylstyrene | VOC | 0.024 | 0.1 |
| | Acetophenone | VOC | 0.171 | 0.719 |
| 753 | Trim Transfer System Filter | PM | 0.004 | 0.018 |
| 754 | Additive Addition Vent | VOC | 0.025 | 0.10 |
| 755 | Additive Addition Vent | VOC | 0.025 | 0.10 |
| 756 | Additive Addition Vent | VOC | 0.025 | 0.10 |

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|---------------------------|--------------------|-----------------------------|-------------------------|------------|
| | | | lb/hr | TPY |
| 1030 | Kinetic Duster | | PM | 0.01 0.044 |
| 1031 | Kinetic Duster | | PM | 0.01 0.044 |
| 1032 | Kinetic Duster | | PM | 0.01 0.044 |

- (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) PM - particulate matter
VOC - volatile organic compounds as defined in General Rule 101.1
- (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 Hrs/year 8,760

Dated_____