

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 19016

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 | | |
| 101 | Tank 4702 | | | VOC | 0.20 | 0.55 |
| 102 | Tank 4703 | | | VOC | 0.22 | 0.45 |
| 103A | Chill Water (4) | | | VOC | 0.01 | 0.05 |
| 103B | Plant Area (4) | | | VOC | 2.26 | 9.92 |
| 104 | Hexane Unloading | | | VOC | 2.0 | 0.07 |
| 105 | Boiler No. 3 | | | NO _x | 5.57 | 24.39 |
| | | | | CO | 9.28 | 40.66 |
| | | | | VOC | <0.01 | 0.01 |
| | | | | SO ₂ | 0.65 | 2.85 |
| | | | | PM ₁₀ | 0.23 | 1.02 |
| 106 | HDPE Flare | | | NO _x | 1.61 | 5.64 |
| | | | | CO | 8.22 | 28.80 |
| | | | | VOC | 9.18 | 32.14 |
| | | | | SO ₂ | 0.93 | 4.07 |
| 107 | Oily Water Separator | | | VOC | 0.01 | 0.05 |
| 108 | Extruder Feed Vent | | | PM ₁₀ | <0.01 | <0.01 |
| 109A | Dry Additive Dump Vent | | | PM ₁₀ | 0.03 | <0.01 |
| 109B | Additive Feed Vent | | | PM ₁₀ | <0.01 | <0.01 |
| 110 | Repellet Silo Vent | | | PM ₁₀ | <0.01 | <0.01 |

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|---------------------------|------------------------------|-----------------------------|-------------------------|------|
| | | | lb/hr | TPY |
| 111 | Pellet Dryer Cyclone Vent | | VOC | 1.57 |
| | | | PM ₁₀ | 0.13 |
| 112 | Blender Vent | | VOC | 8.32 |
| | | | PM ₁₀ | 0.07 |

1.87
0.56
10.30
0.03

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|---------------------------|--------------------|------------------------------------|-------------------------|------------------|-------|-------|
| | | | lb/hr | TPY | | |
| 113 | | Hopper Car Bag Filter Vent | | PM ₁₀ | <0.01 | 0.02 |
| 114 | | Hopper Car Pullback Filter Vent | | PM ₁₀ | <0.01 | <0.01 |
| 115 | | Product Additive Vent | | PM ₁₀ | <0.01 | <0.01 |
| 116 | | Liquid Additive Melt Tank | | VOC | <0.01 | <0.01 |
| 117 | | Liquid Additive Hold Tank | | VOC | <0.01 | <0.01 |
| 118 | | Methanol Unloading | | VOC | 0.16 | <0.01 |
| 119 | | Wax Loading | | VOC | 8.37 | 2.12 |
| 120 | | Condensate Pit No. 3 | | VOC | 1.24 | 0.41 |
| 121 | | Cooling Tower (4) | | VOC | 0.19 | 0.85 |

- (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_x - total oxides of nitrogen
CO - carbon monoxide
VOC - volatile organic compounds as defined in General Rule 101.1
SO₂ - sulfur dioxide
PM₁₀ - particulate matter less than 10 microns
- (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:

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|---------------------------|--------------------|-----------------------------|-------------------------|-------------------|
| | | | lb/hr | TPY |
| | Hrs/day | Days/week | Weeks/year | or Hrs/year 8,760 |

Dated _____