

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 9349A

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) | <u>Emission Rates *</u> | |
|---------------------------|--|-----------------------------|-------------------------|------------|
| | | | <u>lb/hr</u> | <u>TPY</u> |
| EP-1 | Coke Delivery Truck Traffic (4) | TSP | - | 2.26 |
| | | PM ₁₀ | - | 1.02 |
| EP-2 | Truck Unloading (4) | TSP | 0.26 | 0.28 |
| | | PM ₁₀ | 0.12 | 0.13 |
| EP-3 | Railcar Unloader No. 1 Baghouse | TSP | <0.01 | <0.01 |
| | | PM ₁₀ | <0.01 | <0.01 |
| EP-4 | Railcar Unloader No. 2 Baghouse | TSP | 0.11 | 0.05 |
| | | PM ₁₀ | 0.11 | 0.05 |
| EP-5a | Conveyor (4) | TSP | 1.01 | 0.20 |
| | | PM ₁₀ | 0.19 | 0.04 |
| EP-5b | Conveyor (4) | TSP | 0.85 | 0.41 |
| | | PM ₁₀ | 0.40 | 0.19 |
| EP-5c | Conveyor (4) | TSP | 1.92 | 0.46 |
| | | PM ₁₀ | 0.39 | 0.12 |
| EP-6 | Stacker (4) | TSP | 0.08 | 0.14 |
| | | PM ₁₀ | 0.04 | 0.07 |
| EP-7 | Stockpile Maintenance Vehicular Traffic (4) | TSP | - | 0.33 |
| | | PM ₁₀ | - | 0.15 |
| EP-8 | Coke/Coal Pile Wind Erosion (4) | TSP | - | 16.27 |
| | | PM ₁₀ | - | 7.97 |
| EP-9 | Coke/Coal Pile Reclaim (4) | TSP | 2.40 | 0.65 |
| | | PM ₁₀ | 0.88 | 0.30 |

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| | | | <u>lb/hr</u> | <u>TPY</u> |
| EP-10 | Ship/Barge Loader Baghouse | TSP | 0.03 | 0.01 |
| | | PM ₁₀ | 0.03 | 0.01 |
| EP-11 | Barge Loading/ Unloading (4) | TSP | 0.04 | <0.01 |
| | | PM ₁₀ | 0.02 | <0.01 |
| EP-15 | Coke Pile Wind Erosion (4) | TSP | - | 9.24 |
| | | PM ₁₀ | - | 4.53 |
| EP-16 | Barge Unloading Baghouse | TSP | <0.01 | <0.01 |
| | | PM ₁₀ | <0.01 | <0.01 |
| EP-17a | Stacker (4) | TSP | 0.12 | 0.02 |
| | | PM ₁₀ | 0.06 | 0.01 |
| EP-17b | Stacker (4) | TSP | 0.12 | 0.13 |
| | | PM ₁₀ | 0.06 | 0.06 |
| EP-18a | Conveyor (4) | TSP | 0.12 | 0.02 |
| | | PM ₁₀ | 0.06 | 0.01 |
| EP-18b | Conveyor (4) | TSP | 0.12 | 0.15 |
| | | PM ₁₀ | 0.06 | 0.07 |
| EP-18c | Conveyor (4) | TSP | 0.24 | 0.15 |
| | | PM ₁₀ | 0.11 | 0.07 |
| EP-18d | Conveyor (4) | TSP | 0.12 | 0.07 |
| | | PM ₁₀ | 0.06 | 0.03 |
| EP-18e | Conveyor (4) | TSP | 0.12 | 0.07 |
| | | PM ₁₀ | 0.06 | 0.03 |
| EP-19 | Coke Pile Reclaim (4) | TSP | 1.42 | 0.24 |
| | | PM ₁₀ | 0.70 | 0.12 |

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| | | | lb/hr | TPY |
| EP-20 | Stockpile Maintenance (4) | TSP | - | 0.46 |
| | | PM ₁₀ | - | 0.22 |
| EP-21a and b | Stackers (4) | TSP | 0.24 | 0.14 |
| | | PM ₁₀ | 0.11 | 0.06 |
| EP-22 | Material Transfer (4) | TSP | 0.05 | 0.07 |
| | | PM ₁₀ | 0.02 | 0.03 |
| EP-23a and b | Stackers (4) | TSP | 0.09 | 0.14 |
| | | PM ₁₀ | 0.04 | 0.06 |
| EP-24a and b | Coke Pile Reclaim (4) | TSP | 0.28 | 0.40 |
| | | PM ₁₀ | 0.13 | 0.19 |
| EP-25 | Conveyor (4) | TSP | 0.05 | 0.07 |
| | | PM ₁₀ | 0.02 | 0.03 |
| EP-26a and b | Coke Pile Wind Erosion (4) | TSP | - | 9.24 |
| | | PM ₁₀ | - | 4.38 |
| EP-27 | Stockpile Maintenance (4) | TSP | - | 0.20 |
| | | PM ₁₀ | - | 0.09 |

(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) TSP - total suspended particulate matter including PM₁₀.
PM₁₀ - particulate matter less than 10 microns in diameter.

(4) Fugitive emissions are an estimate only.

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

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| | | | <u>lb/hr</u> | <u>TPY</u> |
| | Hrs/day | Days/week | Weeks/year | or |
| 8,760 | Hrs/year | | | |

Based on a maximum combined annual rate of 7,350,000 tons of materials handled.

Dated_____