

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

3908B

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 | | Emission Rates * | |
|---------------------------|-------------------------|----------|-----------------|-----|------------------|-------|
| | Name (2) | Name (3) | lb/hr | TPY | | |
| EF-206 | Cooling Tower | | | VOC | 0.60 | 2.59 |
| ES-201 | Package Boiler | | | VOC | 0.17 | 0.76 |
| | | | | NOx | 6.22 | 27.23 |
| | | | | SO2 | 0.01 | 0.05 |
| | | | | PM | 0.12 | 0.54 |
| | | | | CO | 3.88 | 16.97 |
| ES-202 | Standby Incinerator | | | VOC | 0.32 | 1.38 |
| | | | | NOx | 7.70 | 33.73 |
| | | | | PM | 5.24 | 22.95 |
| | | | | CO | 0.47 | 2.07 |
| | | | | SO2 | <0.01 | <0.01 |
| | | | | HCL | 0.08 | 0.37 |
| ES-203 | Waste Heat Boiler | | | VOC | 0.32 | 1.38 |
| | | | | NOx | 7.70 | 33.73 |
| | | | | SO2 | <0.01 | <0.01 |
| | | | | CO | 0.47 | 2.07 |
| | | | | PM | 5.24 | 22.95 |
| | | | | HCL | 0.08 | 0.37 |
| ES-204 | Regenerative Gas Heater | | | VOC | <0.01 | <0.01 |
| | | | | NOx | 0.23 | <0.04 |
| | | | | SO2 | <0.01 | <0.01 |
| | | | | PM | <0.01 | <0.01 |
| | | | | CO | <0.08 | <0.02 |
| ES-205 | Monument 2 Flare | | | VOC | 0.19 | 0.01 |

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| | | |
|-----|-------|-------|
| NOx | 7.53 | 1.49 |
| SO2 | 0.01 | <0.01 |
| CO | 38.35 | 7.58 |

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | lb/hr | <u>Emission Rates *</u> | |
|---------------------------|----------------------------|-----------------------------|-------|-------------------------|------|
| | | | | TPY | |
| EV-201A | Carlot Silo Blender | VOC | | 1.08 | 0.38 |
| | | PM | | 0.27 | 0.47 |
| EV-201B | Carlot Silo Blender | VOC | | 1.08 | 0.38 |
| | | PM | | 0.27 | 0.47 |
| EV-201C | Carlot Silo Blender | VOC | | 1.08 | 0.38 |
| | | PM | | 0.27 | 0.47 |
| EV-201D | Carlot Silo Blender | VOC | | 1.08 | 0.38 |
| | | PM | | 0.27 | 0.47 |
| EV-202A | Pellet Line Lot Blender | VOC | | 0.72 | 0.43 |
| | | PM | | 0.03 | 0.06 |
| EV-202B | Pellet Line Lot Blender | VOC | | 0.72 | 0.43 |
| | | PM | | 0.03 | 0.06 |
| EV-202C | Pellet Line Lot Blender | VOC | | 0.72 | 0.43 |
| | | PM | | 0.03 | 0.06 |
| EV-202D | Pellet Line Lot Blender | VOC | | 0.72 | 0.43 |
| | | PM | | 0.03 | 0.06 |
| EV-202E | Pellet Line Lot Blender | VOC | | 0.72 | 0.18 |
| | | PM | | 0.03 | 0.01 |

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| | | | | |
|---------|-------------------------------------|-----------|--------------|--------------|
| EV-204 | Bagging Bin Vent Filter | VOC PM | 1.08 0.27 | 0.38 0.47 |
| EV-208 | Additive Feed Hopper Vent Filter | PM | 0.01 | 0.01 |
| EV-209A | Pellet Dryer Exhaust | VOC | 0.72 | 0.96 |
| ES-209B | Pellet Dryer Exhaust | VOC | 0.72 | 0.96 |

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| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | lb/hr | <u>Emission Rates *</u> TPY | |
|---------------------------|--|-----------------------------|--------------|--------------------------------|--|
| EV-211 | Cooling Water Additive Tanks | VOC | 1.20 | 0.01 | |
| EV-212 | Boiler Water Additive Tanks | VOC | 1.20 | 0.02 | |
| EV-251 | Powder Masterbatch Weight Bin Vent Filter | PM | 0.16 | 0.03 | |
| EV-261 | Powder Masterbatch Weight Bin Vent Filter | PM | 0.16 | 0.03 | |
| EV-252 | Pellet Refeed Bin Vent | VOC PM | 0.72 0.03 | <0.01 <0.01 | |
| EV-262 | Pellet Refeed Bin Vent | VOC PM | 0.72 0.03 | <0.01 <0.01 | |
| EV-253 | Inline Blender Vent Filter | VOC PM | 1.06 0.02 | 4.64 0.08 | |
| EV-263 | Inline Blender Vent Filter | VOC PM | 1.06 0.02 | 4.64 0.08 | |

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| | | | | |
|--------|-------------------------------|-----|-------|-------|
| F2 | Fugitives (4) | VOC | 2.20 | 9.65 |
| EV-254 | Vacuum Cleaning System | PM | 0.16 | 0.07 |
| ES-104 | Monument 1 Flare (5) | VOC | 0.46 | <0.01 |
| | | NOx | 0.30 | <0.01 |
| | | CO | 1.55 | 0.028 |
| EI-102 | Monument 1 Incinerator (5) | VOC | 0.22 | <0.01 |
| | | NOx | 0.14 | <0.01 |
| | | PM | <0.01 | <0.01 |
| | | CO | 0.03 | <0.01 |

- (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
PM10 - particulate matter less than 10 microns
VOC - volatile organic compounds as defined in General Rule 101.1
NOx - total oxides of nitrogen
SO2 - sulfur dioxide
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Emissions due to Trains 5 and 6 only.

Revised _____