



|  |                  |                                   |
|--|------------------|-----------------------------------|
| <b>11. Mailing Address</b>                     |                  |                                   |
| <b>Street or P.O. Box:</b> P. O. Box 1217      |                  |                                   |
| <b>City:</b> Washington                        | <b>State:</b> WV | <b>Zip:</b> 26181-1217            |
| <b>Telephone Number:</b> (304) 863-4240 (gate) |                  | <b>Fax Number:</b> (304) 863-4862 |

|   |                                   |  |
|---|-----------------------------------|--|
| <b>12. Facility Location</b>  |                                   |  |
| <b>Street:</b> 8480 DuPont Road   | <b>City:</b> Washington           | <b>County:</b> Wood  |
| <b>UTM Easting:</b> 442.368 km  | <b>UTM Northing:</b> 4,346.679 km | <b>Zone:</b> <input checked="" type="checkbox"/> 17 or <input type="checkbox"/> 18 |
| <b>Directions:</b> From I-77 take the Route 50 bypass around Parkersburg towards Ohio. At the last exit prior to the bridge exit from the route 50 Bypass on to DuPont Road. At the light turn left on DuPont road. Approximately ½ mile from the turn you will see the Site on your right and be approaching the exit from the road for the main gate to the facility. |                                   |  |
| <b>Portable Source?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |                                   |  |
| <b>Is facility located within a nonattainment area?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |                                   | <b>If yes, for what air pollutants?</b>  |
| <b>Is facility located within 50 miles of another state?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  |                                   | <b>If yes, name the affected state(s).</b><br>Ohio                                 |
| <b>Is facility located within 100 km of a Class I Area<sup>1</sup>?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><b>If no, do emissions impact a Class I Area<sup>1</sup>?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |                                   | <b>If yes, name the area(s).</b>   |
| <sup>1</sup> Class I areas include Dolly Sods and Otter Creek Wilderness Areas in West Virginia, and Shenandoah National Park and James River Face Wilderness Area in Virginia.   |                                   |  |

|  |                                   |   |
|--|-----------------------------------|---|
| <b>13. Contact Information</b>                         |                                   |   |
| <b>Responsible Official:</b> Karl J. Boelter           |                                   | <b>Title:</b> Plant Manager               |
| <b>Street or P.O. Box:</b> P. O. Box 1217 - Building 1 |                                   |   |
| <b>City:</b> Washington                                | <b>State:</b> WV                  | <b>Zip:</b> 26181-1217                    |
| <b>Telephone Number:</b> (304) 863-4305                | <b>Fax Number:</b> (304) 863-4862 |   |
| <b>E-mail address:</b> karl.j.boelter@dupont.com       |                                   |   |
| <b>Environmental Contact:</b> David F. Altman          |                                   | <b>Title:</b> Sr. Envir. Control Consult. |
| <b>Street or P.O. Box:</b> P. O. Box 1217 - Building 1 |                                   |   |
| <b>City:</b> Washington                                | <b>State:</b> WV                  | <b>Zip:</b> 26181-1217                    |
| <b>Telephone Number:</b> (304) 863-4271                | <b>Fax Number:</b> (304) 863-4862 |   |
| <b>E-mail address:</b> david.f.altman@dupont.com       |                                   |   |
| <b>Application Preparer:</b> John J. Mentink           |                                   | <b>Title:</b> Technical Associate         |
| <b>Company:</b> DuPont                                 |                                   |   |
| <b>Street or P.O. Box:</b> P. O. Box 1217              |                                   |   |
| <b>City:</b> Washington                                | <b>State:</b> WV                  | <b>Zip:</b> 26181-1217                    |
| <b>Telephone Number:</b> (304) 863-2028                | <b>Fax Number:</b> (304) 863-4862 |   |
| <b>E-mail address:</b> john.j.mentink@dupont.com       |                                   |   |

| <b>14. Facility Description</b>  |                      |        |      |
|--|----------------------|--------|------|
| List all processes, products, NAICS and SIC codes for normal operation, in order of priority. Also list any process, products, NAICS and SIC codes associated with any alternative operating scenarios if different from those listed for normal operation.  |                      |        |      |
| Process  | Products             | NAICS  | SIC  |
| Chemical and Plastics Resins Mfg   | Thermoplastic Resins | 325211 | 2821 |
|  |                      |        |      |
| <p><b>Provide a general description of operations.</b></p> <p>Polymer resins and ingredients are melt-compounded into a final pelletized product through an extrusion/cutting operation. Raw materials are received in individual packaging or in bulk and are then combined into a final product which can be subsequently shipped in bags, boxes drums or bulk containers.</p> |                      |        |      |
| 15. Provide an <b>Area Map</b> showing plant location as <b>ATTACHMENT A</b> .   |                      |        |      |
| 16. Provide a <b>Plot Plan(s)</b> , e.g. scaled map(s) and/or sketch(es) showing the location of the property on which the stationary source(s) is located as <b>ATTACHMENT B</b> . For instructions, refer to "Plot Plan - Guidelines."   |                      |        |      |
| 17. Provide a detailed <b>Process Flow Diagram(s)</b> showing each process or emissions unit as <b>ATTACHMENT C</b> . Process Flow Diagrams should show all emission units, control equipment, emission points, and their relationships.   |                      |        |      |

**Section 2: Applicable Requirements**

| <b>18. Applicable Requirements Summary</b>  |  |
|---|--|
| Instructions: Mark all applicable requirements.                                   |  |
| <input checked="" type="checkbox"/> SIP   | <input type="checkbox"/> FIP   |
| <input checked="" type="checkbox"/> Minor source NSR (45CSR13)                    | <input type="checkbox"/> PSD (45CSR14)   |
| <input type="checkbox"/> NESHAP (45CSR15)   | <input type="checkbox"/> Nonattainment NSR (45CSR19)                           |
| <input type="checkbox"/> Section 111 NSPS   | <input type="checkbox"/> Section 112(d) MACT standards                         |
| <input type="checkbox"/> Section 112(g) Case-by-case MACT                         | <input type="checkbox"/> 112(r) RMP  |
| <input type="checkbox"/> Section 112(i) Early reduction of HAP                    | <input type="checkbox"/> Consumer/commercial prod. reqts., section 183(e)      |
| <input type="checkbox"/> Section 129 Standards/Reqts.                             | <input type="checkbox"/> Stratospheric ozone (Title VI)                        |
| <input type="checkbox"/> Tank vessel reqt., section 183(f)                        | <input type="checkbox"/> Emissions cap 45CSR§30-2.6.1                          |
| <input type="checkbox"/> NAAQS, increments or visibility (temp. sources)          | <input type="checkbox"/> 45CSR27 State enforceable only rule                   |
| <input checked="" type="checkbox"/> 45CSR4 State enforceable only rule            | <input type="checkbox"/> Acid Rain (Title IV, 45CSR33)                         |
| <input type="checkbox"/> Emissions Trading and Banking (45CSR28)                  | <input type="checkbox"/> Compliance Assurance Monitoring (40CFR64)             |
| <input type="checkbox"/> NO <sub>x</sub> Budget Trading Program Non-EGUs (45CSR1) | <input type="checkbox"/> NO <sub>x</sub> Budget Trading Program EGUs (45CSR26) |

**19. Non Applicability Determinations**

List all requirements which the source has determined not applicable and for which a permit shield is requested. The listing shall also include the rule citation and the reason why the shield applies.

- a. 40 C.F.R. 60, Subpart K - "Standards of Performance For Storage Vessels For Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978." There are no storage tanks in the EPC-East facility subject to this requirement.
- b. 40 C.F.R. 60, Subpart Ka - "Standards of Performance for Storage Vessels For Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984." There are no storage tanks in the EPC-East facility subject to this requirement.
- c. 40 C.F.R. 60, Subpart Kb - "Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984." There are no storage tanks in the EPC-East facility subject to this requirement.
- d. 40 C.F.R. 60, Subpart VV - "Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry." The EPC-East facility does not produce as intermediates or final products any of the materials listed in 40 C.F.R. §60.489.
- e. 40 C.F.R. 60, Subpart DDD - "Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry." The EPC-East facility does not manufacture polypropylene, polyethylene, polystyrene, or poly(ethylene terephthalate) for which this rule applies.
- f. 40 C.F.R. 60, Subpart RRR - "Standards of Performance for Volatile Organic Compound (VOC) Emissions From Synthetic Organic Chemical Manufacturing Industry (SOCMI) Reactor Processes. The EPC-East facility does not produce any of the chemicals listed in 40 C.F.R. §60.707 as a product, co-product, by-product, or intermediate.
- g. 40 C.F.R. 61, Subpart V - "National Emission Standards for Equipment Leaks (Fugitive Emissions Sources)." Applies to sources in VHAP service as defined in 40 C.F.R. §61.241. VHAP service involves chemicals that are not used in a manner that qualifies them under the rule in the EPC-East facility.
- h. 40 C.F.R. 63, Subpart H - "National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks." 40 C.F.R. 63 Subparts F, G, and H do not apply to the EPC-East manufacturing process units, as they do not meet the criteria in 40 C.F.R. §§63.100(b)(1), (b)(2), and (b)(3).
- i. 40 C.F.R. 63, Subpart JJJ - "National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins. The EPC-East facility does not produce the materials listed in 40 C.F.R. §63.1310.

Permit Shield

**19. Non Applicability Determinations (Continued)** - Attach additional pages as necessary.

List all requirements which the source has determined not applicable and for which a permit shield is requested. The listing shall also include the rule citation and the reason why the shield applies.

- j. 40 C.F.R. 63, Subpart WWWW “National Emission Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Productions.” The EPC-East facility does not engage in reinforced plastics composites production as defined in 40 C.F.R. §63.5785 and does not manufacture composite material as defined in 40 C.F.R. §63.5935.
- k. 40 C.F.R. 63, Subpart PPPP – “National Emission Standards for Hazardous Air Pollutants: Surface Coating of Plastic Parts and Products.” The EPC-East facility does not produce an intermediate or final product that meets the definition of “surface coating” plastic part.
- l. 40 C.F.R. 63, Subpart DDDDD – “National Emission Standards for Hazardous Air Pollutants: Industrial/Commercial/Institutional Boilers and Process Heaters.” The EPC-East facility does not own or operate an industrial, commercial, or institutional boiler or process heater as defined in 40 C.F.R. §63.7575.
- m. 40 C.F.R. 63, Subpart HHHHH – “National Emission Standards for Hazardous Air Pollutants: Miscellaneous Coating Manufacturing.” The EPC-East facility does not produce, blend, or manufacture coatings as part of the manufacturing process.
- n. 40 C.F.R. 82, Subpart B - “Protection of Stratospheric Ozone.” Requires recycling of Chlorofluorocarbons (CFCs) from motor vehicles and that technicians servicing equipment need to be licensed. The EPC-East facility does not conduct motor vehicle maintenance involving CFCs on site.
- o. 40 C.F.R. 82, Subpart C – “Protection of Stratospheric Ozone.” Bans non-essential products containing Class I substances and bans non-essential products containing or manufactured with Class II substances. The EPC-East facility does not use, manufacture, nor distribute these materials.
- p. 45CSR2 – “To Prevent and Control Particulate Air Pollution from Combustion of Fuel in Indirect Heat Exchangers.” The EPC-East facility does not contain any fuel burning units.
- q. 45CSR10 – “To Prevent and Control Air Pollution from the Emission of Sulfur Oxides.” The EPC-East facility does not have emission sources of sulfur oxides subject to this rule.
- r. 45CSR15 – “Emission Standards for Hazardous Air Pollutants Pursuant to 40 C.F.R. 61.” The EPC-East facility is not subject to any requirements under 40 C.F.R. 61.
- s. 45CSR16 – “Standards of Performance for New Stationary Sources Pursuant to 40 C.F.R. 60.” The EPC-East facility is not subject to any requirements under 40 C.F.R. 60.

Permit Shield

**19. Non Applicability Determinations (Continued) - Attach additional pages as necessary.**

List all requirements which the source has determined not applicable and for which a permit shield is requested. The listing shall also include the rule citation and the reason why the shield applies.

- t. 45CSR17 – “To Prevent and Control Particulate Matter Air Pollution from Materials Handling, Preparation, Storage and Other Sources of Fugitive Particulate Matter.” Per 45CSR§17-6.1, EPC-East is not subject to 45CSR17 because it is subject to the fugitive particulate matter emission requirements of 45CSR7.
- u. 45CSR27 – “To Prevent and Control the Emission of Toxic Air Pollutants.” EPC-East does not have emission sources of toxic air pollutants as listed in 45CSR27.
- v. 45CSR34 – “Emission Standards for Hazardous Air Pollutants for Source Categories Pursuant to 40 C.F.R. 63.” The EPC-East facility is not subject to any requirements under 40 C.F.R. 63.
- w. 45CSR§21-40 – “Other Facilities that Emit Volatile Organic Compound (VOC).” None of the emission sources in EPC-East have maximum theoretical emissions of 6 pounds per hour or more and are not subject to the requirements of this section.

Permit Shield

## 20. Facility-Wide Applicable Requirements

List all facility-wide applicable requirements. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements).

- 3.1.1. **Open burning.** The open burning of refuse by any person, firm, corporation, association or public agency is prohibited except as noted in 45CSR§6-3.1.  
[45CSR§6-3.1.]
- 3.1.2. **Open burning exemptions.** The exemptions listed in 45CSR§6-3.1 are subject to the following stipulation: Upon notification by the Secretary, no person shall cause, suffer, allow or permit any form of open burning during existing or predicted periods of atmospheric stagnation. Notification shall be made by such means as the Secretary may deem necessary and feasible.  
[45CSR§6-3.2.]
- 3.1.3. **Asbestos.** The permittee is responsible for thoroughly inspecting the facility, or part of the facility, prior to commencement of demolition or renovation for the presence of asbestos and complying with 40 C.F.R. § 61.145, 40 C.F.R. § 61.148, and 40 C.F.R. § 61.150. The permittee must notify the Secretary at least ten (10) working days prior to the commencement of any asbestos removal on the forms prescribed by the Secretary if the permittee is subject to the notification requirements of 40 C.F.R. § 61.145(b)(3)(i). A copy of this notice is required to be sent to the USEPA, the Division of Waste Management and the Bureau for Public Health - Environmental Health.  
[40 C.F.R. 61]
- 3.1.4. **Odor.** No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor at any location occupied by the public.  
[45CSR§4-3.1 State-Enforceable only.]
- 3.1.5. **Permanent shutdown.** A source which has not operated at least 500 hours in one 12-month period within the previous five (5) year time period may be considered permanently shutdown, unless such source can provide to the Secretary, with reasonable specificity, information to the contrary. All permits may be modified or revoked and/or reapplication or application for new permits may be required for any source determined to be permanently shutdown.  
[45CSR§13-10.5]
- 3.1.6. **Standby plan for reducing emissions.** When requested by the Secretary, the permittee shall prepare standby plans for reducing the emissions of air pollutants in accordance with the objectives set forth in Tables I, II, and III of 45CSR11.  
[45CSR§11-5.2]
- 3.1.7. **Emission inventory.** The permittee is responsible for submitting, on an annual basis, an emission inventory in accordance with the submittal requirements of the Division of Air Quality.  
[W.Va. Code § 22-5-4(a)(14)]
- 3.1.8. **Ozone-depleting substances.** For those facilities performing maintenance, service, repair or disposal of appliances, the permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 C.F.R. Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:

- a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the prohibitions and required practices pursuant to 40 C.F.R. §§ 82.154 and 82.156.
- b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 C.F.R. § 82.158.
- c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 C.F.R. § 82.161.

3.1.9. **Risk Management Plan.** This stationary source, as defined in 40 C.F.R. § 68.3, is subject to Part 68. This stationary source shall submit a risk management plan (RMP) by the date specified in 40 C.F.R. Part 68.10. This stationary source shall certify compliance with the requirements of Part 68 as part of the annual compliance certification as required by 40 C.F.R. Part 70 or 71.

[40 C.F.R. 68]

3.1.10. **Fugitives.** No person shall cause, suffer, allow or permit any manufacturing process or storage structure generating fugitive particulate matter to operate that is not equipped with a system, which may include, but not be limited to, process equipment design, control equipment design or operation and maintenance procedures, to minimize the emissions of fugitive particulate matter. To minimize means such system shall be installed, maintained and operated to ensure the lowest fugitive particulate matter emissions reasonably achievable. [45CSR13, R13-2244, 4.1.7.; 45CSR§7-5.1.]

3.1.11. **Fugitives.** The owner or operator of a plant shall maintain particulate matter control of the plant premises, and plant owned, leased or controlled access roads, by paving, application of asphalt, chemical dust suppressants or other suitable dust control measures. Good operating practices shall be implemented and when necessary particulate matter suppressants shall be applied in relation to stockpiling and general material handling to minimize particulate matter generation and atmospheric entrainment. [45CSR13, R13-2244, 4.1.8.; 45CSR§7-5.2.]

3.1.12. Any stack serving any process source operation or air pollution control equipment on any process source operation shall contain flow straightening devices or a vertical run of sufficient length to establish flow patterns consistent with acceptable stack sampling procedures. [45CSR13, R13-2244, 4.3.3.; 45CSR§7-4.12.]

3.1.13. Due to unavoidable malfunction of equipment, emissions exceeding those set forth in 45CSR7 may be permitted by the Director for periods not to exceed ten (10) days upon specific application to the Director. Such application shall be made within twenty-four (24) hours of the malfunction. In cases of major equipment failure, additional time periods may be granted by the Director provided a corrective program has been submitted by the owner or operator and approved by the Director. [45CSR§7-9.1.]

Permit Shield

Are you in compliance with all facility-wide applicable requirements?  Yes  No

If no, complete the **Schedule of Compliance Form** as ATTACHMENT F.

**For all facility-wide applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number and/or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)**

### **3.1. Testing Requirements**

3.3.1. **Stack testing.** As per provisions set forth in this permit or as otherwise required by the Secretary, in accordance with the West Virginia Code, underlying regulations, permits and orders, the permittee shall conduct test(s) to determine compliance with the emission limitations set forth in this permit and/or established or set forth in underlying documents. The Secretary, or his duly authorized representative, may at his option witness or conduct such test(s). Should the Secretary exercise his option to conduct such test(s), the operator shall provide all necessary sampling connections and sampling ports to be located in such manner as the Secretary may require, power for test equipment and the required safety equipment, such as scaffolding, railings and ladders, to comply with generally accepted good safety practices. Such tests shall be conducted in accordance with the methods and procedures set forth in this permit or as otherwise approved or specified by the Secretary in accordance with the following:

- a. The Secretary may on a source-specific basis approve or specify additional testing or alternative testing to the test methods specified in the permit for demonstrating compliance with 40 C.F.R. Parts 60, 61, and 63, if applicable, in accordance with the Secretary's delegated authority and any established equivalency determination methods which are applicable. If a testing method is specified or approved which effectively replaces a test method specified in the permit, the permit will be revised in accordance with 45CSR§30-6.4. or 45CSR§30-6.5 as applicable.
- b. The Secretary may on a source-specific basis approve or specify additional testing or alternative testing to the test methods specified in the permit for demonstrating compliance with applicable requirements which do not involve federal delegation. In specifying or approving such alternative testing to the test methods, the Secretary, to the extent possible, shall utilize the same equivalency criteria as would be used in approving such changes under Section 3.3.1.a. of this permit. If a testing method is specified or approved which effectively replaces a test method specified in the permit, the permit will be revised in accordance with 45CSR§30-6.4. or 45CSR§30-6.5 as applicable.
- c. All periodic tests to determine mass emission limits from or air pollutant concentrations in discharge stacks and such other tests as specified in this permit shall be conducted in accordance with an approved test protocol. Unless previously approved, such protocols shall be submitted to the Secretary in writing at least thirty (30) days prior to any testing and shall contain the information set forth by the Secretary. In addition, the permittee shall notify the Secretary at least fifteen (15) days prior to any testing so the Secretary may have the opportunity to observe such tests. This notification shall include the actual date and time during which the test will be conducted and, if appropriate, verification that the tests will fully conform to a referenced protocol previously approved by the Secretary.

**[WV Code § 22-5-4(a)(15) and 45CSR13, R13-2244, 4.3.5.]**

### 3.2. Recordkeeping Requirements

3.4.1. **Monitoring information.** The permittee shall keep records of monitoring information that include the following:

- a. The date, place as defined in this permit and time of sampling or measurements;
- b. The date(s) analyses were performed;
- c. The company or entity that performed the analyses;
- d. The analytical techniques or methods used;
- e. The results of the analyses; and
- f. The operating conditions existing at the time of sampling or measurement.

[45CSR§30-5.1.c.2.A.]

3.4.2. **Retention of records.** The permittee shall retain records of all required monitoring data and support information for a period of at least five (5) years from the date of monitoring sample, measurement, report, application, or record creation date. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit. Where appropriate, records may be maintained in computerized form in lieu of the above records. [45CSR§30-5.1.c.2.B.]

3.4.3. **Odors.** For the purposes of 45CSR4, the permittee shall maintain a record of all odor complaints received. Such record shall contain an assessment of the validity of the complaints as well as any corrective actions taken. [45CSR§30-5.1.c. State-Enforceable only.]

3.4.4. **Fugitives.** The permittee shall monitor all fugitive particulate emission sources as required by 3.1.10 to ensure that a system to minimize fugitive emissions has been installed or implemented. Records shall be maintained on site for a period of no less than five (5) years stating the types of fugitive particulate capture and/or suppression systems used, the times these systems were inoperable, and the corrective actions taken to repair these systems. [45CSR§30-5.1.c.]

3.4.5. **Fugitives.** The permittee shall maintain records indicating the use of any dust suppressants or any other suitable dust control measures as required by 3.1.11 applied at the facility. These records shall be maintained on site for a period of no less than five (5) years. [45CSR§30-5.1.c.]

3.4.6. Your site remediation activities are not subject to the requirements of 40 C.F.R. 63, Subpart GGGGG, except for the recordkeeping requirements in this paragraph, provided that you meet the requirements specified in paragraphs (c)(1) through (c)(3) of 40 C.F.R. §63.7881(c), provided below:.

- 3.4.6.1. You determine that the total quantity of the HAP listed in Table 1 of 40 C.F.R. 63, Subpart GGGGG that is contained in the remediation material excavated, extracted, pumped, or otherwise removed during all of the site remediations conducted at your facility is less than 1 mega gram (Mg) annual. This exemption applies the 1 Mg limit on a facility-wide, annual basis, and there is no restriction to the number of site remediations that can be conducted during this period.
- 3.4.6.2. You must prepare and maintain at your facility written documentation to support your determination that the total HAP quantity in your remediation materials for the year is less than 1 Mg. The documentation must include a description of your methodology and data used for determining the total HAP content of the remediation material.
- 3.4.6.3. Your Title V permit does not have to be reopened or revised solely to include the recordkeeping requirement specified in 3.4.6.2. However, the requirement must be included in your permit the next time the permit is renewed, reopened, or revised for another reason.

[45CSR34; 40 C.F.R. §63.7881(c)]

### 3.3. Reporting Requirements

- 3.5.1. **Responsible official.** Any application form, report, or compliance certification required by this permit to be submitted to the DAQ and/or USEPA shall contain a certification by the responsible official that states that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.  
[45CSR§§30-4.4. and 5.1.c.3.D.]
- 3.5.2. A permittee may request confidential treatment for the submission of reporting required under 45CSR§30-5.1.c.3. pursuant to the limitations and procedures of W.Va. Code § 22-5-10 and 45CSR31.  
[45CSR§30-5.1.c.3.E.]
- 3.5.3. All notices, requests, demands, submissions and other communications required or permitted to be made to the Secretary of DEP and/or USEPA shall be made in writing and shall be deemed to have been duly given when delivered by hand, or mailed first class with postage prepaid to the address(es) set forth below or to such other person or address as the Secretary of the Department of Environmental Protection may designate:

**If to the DAQ:**

Director  
WVDEP  
Division of Air Quality  
601 57th Street, SE  
Charleston, WV 25304  
Phone: 304/926-0475  
FAX: 304/926-0478

**If to the US EPA:**

Associate Director  
**Office of Enforcement and Permits Review  
(3AP12)**  
U. S. Environmental Protection Agency  
Region III  
1650 Arch Street  
Philadelphia, PA 19103-2029

3.5.4. **Certified emissions statement.** The permittee shall submit a certified emissions statement and pay fees on an annual basis in accordance with the submittal requirements of the Division of Air Quality. A receipt for the appropriate fee shall be maintained on the premises for which the receipt has been issued, and shall be made immediately available for inspection by the Secretary or his/her duly authorized representative.

[45CSR§30-8.]

3.5.5. **Compliance certification.** The permittee shall certify compliance with the conditions of this permit on the forms provided by the DAQ. In addition to the annual compliance certification, the permittee may be required to submit certifications more frequently under an applicable requirement of this permit. The annual certification shall be submitted to the DAQ and USEPA on or before March 15 of each year, and shall certify compliance for the period ending December 31. The permittee shall maintain a copy of the certification on site for five (5) years from submittal of the certification.

[45CSR§30-5.3.e.]

3.5.6. **Semi-annual monitoring reports.** The permittee shall submit reports of any required monitoring on or before September 15 for the reporting period January 1 to June 30 and March 15 for the reporting period July 1 to December 31. All instances of deviation from permit requirements must be clearly identified in such reports. All required reports must be certified by a responsible official consistent with 45CSR§30-4.4.

[45CSR§30-5.1.c.3.A.]

3.5.7. **Emergencies.** For reporting emergency situations, refer to Section 2.17 of this permit.

3.5.8. **Deviations.**

- a. In addition to monitoring reports required by this permit, the permittee shall promptly submit supplemental reports and notices in accordance with the following:

Any deviation resulting from an emergency or upset condition, as defined in 45CSR§30-5.7., shall be reported by telephone or telefax within one (1) working day of the date on which the permittee becomes aware of the deviation, if the permittee desires to assert the affirmative defense in accordance with 45CSR§30-5.7. A written report of such deviation, which shall include the probable cause of such deviations, and any corrective actions or preventative measures taken, shall be submitted and certified by a responsible official within ten (10) days of the deviation.

Any deviation that poses an imminent and substantial danger to public health, safety, or the environment shall be reported to the Secretary immediately by telephone or telefax. A written report of such deviation, which shall include the probable cause of such deviation, and any corrective actions or preventative measures taken, shall be submitted by the responsible official within ten (10) days of the deviation.

Deviations for which more frequent reporting is required under this permit shall be reported on the more frequent basis.

All reports of deviations shall identify the probable cause of the deviation and any corrective actions or preventative measures taken.

[45CSR§30-5.1.c.3.C.]

b. The permittee shall, in the reporting of deviations from permit requirements, including those attributable to upset conditions as defined in this permit, report the probable cause of such deviations and any corrective actions or preventive measures taken in accordance with any rules of the Secretary.  
**[45CSR§30-5.1.c.3.B.]**

c. Every report submitted under this subsection shall be certified by a responsible official.  
**[45CSR§30.5.1.c.3.D.]**

3.5.9. **New applicable requirements.** If any applicable requirement is promulgated during the term of this permit, the permittee will meet such requirements on a timely basis, or in accordance with a more detailed schedule if required by the applicable requirement.  
**[45CSR§30-4.3.h.1.B.]**

**Are you in compliance with all facility-wide applicable requirements?**  **Yes**     **No**

**If no, complete the Schedule of Compliance Form as ATTACHMENT F.**

| <b>21. Active Permits/Consent Orders</b> |                                |  |
|--|--------------------------------|--|
| Permit or Consent Order Number           | Date of Issuance<br>MM/DD/YYYY | List any Permit Determinations<br>that Affect the Permit <i>(if any)</i> |
| R13-2244I                                | 4/27/2010                      |  |
|  | / /                            |  |
|  | / /                            |  |
|  | / /                            |  |
|  | / /                            |  |

| <b>22. Inactive Permits/Obsolete Permit Conditions</b> |                  |                         |
|--|------------------|-------------------------|
| Permit Number  | Date of Issuance | Permit Condition Number |
|  | MM/DD/YYYY       |                         |
|  | / /              |                         |

**Section 3: Facility-Wide Emissions**

| <b>23. Facility-Wide Emissions Summary [Tons per Year]</b>  |                     |
|---|---------------------|
| Criteria Pollutants   | Potential Emissions |
| Carbon Monoxide (CO)  | 1.34                |
| Nitrogen Oxides (NO <sub>x</sub> )  | N/A                 |
| Lead (Pb)   | N/A                 |
| Particulate Matter (PM <sub>2.5</sub> ) <sup>1</sup>  | 0.05                |
| Particulate Matter (PM <sub>10</sub> ) <sup>1</sup>   | 20.23               |
| Total Particulate Matter (TSP)  | 30.3                |
| Sulfur Dioxide (SO <sub>2</sub> )   | N/A                 |
| Volatile Organic Compounds (VOC)  | 3.12                |
| Hazardous Air Pollutants <sup>2</sup>   | Potential Emissions |
| Total HAP*  | 0.66                |
| *Total HAP consists of the sum of the following:  |                     |
| Acetaldehyde, Aniline, Benzene, Epichlorohydrin,  |                     |
| Ethylbenzene, Formaldehyde, Phenol,   |                     |
| Polycyclic Organic Matter (POM), Toluene,   |                     |
| Phthalic Anhydride and Xylene [meta, ortho, and para]   |                     |
| Regulated Pollutants other than Criteria and HAP  | Potential Emissions |
|   |                     |
|   |                     |
| <sup>1</sup> PM <sub>2.5</sub> and PM <sub>10</sub> are components of TSP.<br><sup>2</sup> For HAPs that are also considered PM or VOCs, emissions should be included in both the HAPs section and the Criteria Pollutants section. |                     |

**Section 4: Insignificant Activities**

| <b>24. Insignificant Activities (Check all that apply)</b> |   |
|--|---|
| <input checked="" type="checkbox"/>                        | 1. Air compressors and pneumatically operated equipment, including hand tools.  |
| <input type="checkbox"/>                                   | 2. Air contaminant detectors or recorders, combustion controllers or shutoffs.  |
| <input checked="" type="checkbox"/>                        | 3. Any consumer product used in the same manner as in normal consumer use, provided the use results in a duration and frequency of exposure which are not greater than those experienced by consumer, and which may include, but not be limited to, personal use items; janitorial cleaning supplies, office supplies and supplies to maintain copying equipment.   |
| <input checked="" type="checkbox"/>                        | 4. Bathroom/toilet vent emissions.  |
| <input checked="" type="checkbox"/>                        | 5. Batteries and battery charging stations, except at battery manufacturing plants.   |
| <input checked="" type="checkbox"/>                        | 6. Bench-scale laboratory equipment used for physical or chemical analysis, but not lab fume hoods or vents. Many lab fume hoods or vents might qualify for treatment as insignificant (depending on the applicable SIP) or be grouped together for purposes of description.  |
| <input type="checkbox"/>                                   | 7. Blacksmith forges.   |
| <input type="checkbox"/>                                   | 8. Boiler water treatment operations, not including cooling towers.   |
| <input checked="" type="checkbox"/>                        | 9. Brazing, soldering or welding equipment used as an auxiliary to the principal equipment at the source.   |
| <input type="checkbox"/>                                   | 10. CO <sub>2</sub> lasers, used only on metals and other materials which do not emit HAP in the process.   |
| <input checked="" type="checkbox"/>                        | 11. Combustion emissions from propulsion of mobile sources, except for vessel emissions from Outer Continental Shelf sources.   |
| <input checked="" type="checkbox"/>                        | 12. Combustion units designed and used exclusively for comfort heating that use liquid petroleum gas or natural gas as fuel.  |
| <input checked="" type="checkbox"/>                        | 13. Comfort air conditioning or ventilation systems not used to remove air contaminants generated by or released from specific units of equipment.  |
| <input checked="" type="checkbox"/>                        | 14. Demineralized water tanks and demineralizer vents.  |
| <input type="checkbox"/>                                   | 15. Drop hammers or hydraulic presses for forging or metalworking.  |
| <input type="checkbox"/>                                   | 16. Electric or steam-heated drying ovens and autoclaves, but not the emissions from the articles or substances being processed in the ovens or autoclaves or the boilers delivering the steam.   |
| <input type="checkbox"/>                                   | 17. Emergency (backup) electrical generators at residential locations.  |
| <input type="checkbox"/>                                   | 18. Emergency road flares.  |
| <input type="checkbox"/>                                   | 19. Emission units which do not have any applicable requirements and which emit criteria pollutants (CO, NO <sub>x</sub> , SO <sub>2</sub> , VOC and PM) into the atmosphere at a rate of less than 1 pound per hour and less than 10,000 pounds per year aggregate total for each criteria pollutant from all emission units on site.<br><br>Please specify all emission units for which this exemption applies along with the quantity of criteria pollutants emitted on an hourly and annual basis:<br><br>_____<br><br>_____<br><br>_____<br><br>_____<br><br>_____ |

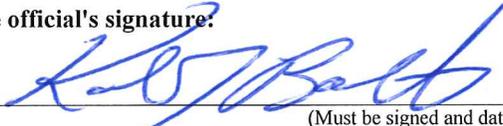
| <b>24. Insignificant Activities (Check all that apply)</b> |   |
|--|---|
| <input type="checkbox"/>                                   | 20. Emission units which do not have any applicable requirements and which emit hazardous air pollutants into the atmosphere at a rate of less than 0.1 pounds per hour and less than 1,000 pounds per year aggregate total for all HAPs from all emission sources. This limitation cannot be used for any source which emits dioxin/furans nor for toxic air pollutants as per 45CSR27.<br><br>Please specify all emission units for which this exemption applies along with the quantity of hazardous air pollutants emitted on an hourly and annual basis:<br><br>_____<br><br>_____ |
| <input type="checkbox"/>                                   | 21. Environmental chambers not using hazardous air pollutant (HAP) gases.   |
| <input checked="" type="checkbox"/>                        | 22. Equipment on the premises of industrial and manufacturing operations used solely for the purpose of preparing food for human consumption.   |
| <input type="checkbox"/>                                   | 23. Equipment used exclusively to slaughter animals, but not including other equipment at slaughterhouses, such as rendering cookers, boilers, heating plants, incinerators, and electrical power generating equipment.   |
| <input checked="" type="checkbox"/>                        | 24. Equipment used for quality control/assurance or inspection purposes, including sampling equipment used to withdraw materials for analysis.  |
| <input type="checkbox"/>                                   | 25. Equipment used for surface coating, painting, dipping or spray operations, except those that will emit VOC or HAP.  |
| <input type="checkbox"/>                                   | 26. Fire suppression systems.   |
| <input type="checkbox"/>                                   | 27. Firefighting equipment and the equipment used to train firefighters.  |
| <input type="checkbox"/>                                   | 28. Flares used solely to indicate danger to the public.  |
| <input checked="" type="checkbox"/>                        | 29. Fugitive emission related to movement of passenger vehicle provided the emissions are not counted for applicability purposes and any required fugitive dust control plan or its equivalent is submitted.  |
| <input type="checkbox"/>                                   | 30. Hand-held applicator equipment for hot melt adhesives with no VOC in the adhesive formulation.  |
| <input type="checkbox"/>                                   | 31. Hand-held equipment for buffing, polishing, cutting, drilling, sawing, grinding, turning or machining wood, metal or plastic.   |
| <input type="checkbox"/>                                   | 32. Humidity chambers.  |
| <input type="checkbox"/>                                   | 33. Hydraulic and hydrostatic testing equipment.  |
| <input type="checkbox"/>                                   | 34. Indoor or outdoor kerosene heaters.   |
| <input checked="" type="checkbox"/>                        | 35. Internal combustion engines used for landscaping purposes.  |
| <input type="checkbox"/>                                   | 36. Laser trimmers using dust collection to prevent fugitive emissions.   |
| <input type="checkbox"/>                                   | 37. Laundry activities, except for dry-cleaning and steam boilers.  |
| <input checked="" type="checkbox"/>                        | 38. Natural gas pressure regulator vents, excluding venting at oil and gas production facilities.   |
| <input type="checkbox"/>                                   | 39. Oxygen scavenging (de-aeration) of water.   |
| <input type="checkbox"/>                                   | 40. Ozone generators.   |
|  |   |

| <b>24. Insignificant Activities (Check all that apply)</b> |  |
|--|--|
| <input checked="" type="checkbox"/>                        | 41. Plant maintenance and upkeep activities (e.g., grounds-keeping, general repairs, cleaning, painting, welding, plumbing, re-tarring roofs, installing insulation, and paving parking lots) provided these activities are not conducted as part of a manufacturing process, are not related to the source's primary business activity, and not otherwise triggering a permit modification. (Cleaning and painting activities qualify if they are not subject to VOC or HAP control requirements. Asphalt batch plant owners/operators must still get a permit if otherwise requested.) |
| <input checked="" type="checkbox"/>                        | 42. Portable electrical generators that can be moved by hand from one location to another. "Moved by Hand" means that it can be moved without the assistance of any motorized or non-motorized vehicle, conveyance, or device.   |
| <input checked="" type="checkbox"/>                        | 43. Process water filtration systems and demineralizers.   |
| <input checked="" type="checkbox"/>                        | 44. Repair or maintenance shop activities not related to the source's primary business activity, not including emissions from surface coating or de-greasing (solvent metal cleaning) activities, and not otherwise triggering a permit modification.  |
| <input checked="" type="checkbox"/>                        | 45. Repairs or maintenance where no structural repairs are made and where no new air pollutant emitting facilities are installed or modified.  |
| <input checked="" type="checkbox"/>                        | 46. Routing calibration and maintenance of laboratory equipment or other analytical instruments.   |
| <input type="checkbox"/>                                   | 47. Salt baths using nonvolatile salts that do not result in emissions of any regulated air pollutants. Shock chambers.  |
| <input type="checkbox"/>                                   | 48. Shock chambers.  |
| <input type="checkbox"/>                                   | 49. Solar simulators.  |
| <input checked="" type="checkbox"/>                        | 50. Space heaters operating by direct heat transfer.   |
| <input checked="" type="checkbox"/>                        | 51. Steam cleaning operations.   |
| <input checked="" type="checkbox"/>                        | 52. Steam leaks.   |
| <input type="checkbox"/>                                   | 53. Steam sterilizers.   |
| <input checked="" type="checkbox"/>                        | 54. Steam vents and safety relief valves.  |
| <input type="checkbox"/>                                   | 55. Storage tanks, reservoirs, and pumping and handling equipment of any size containing soaps, vegetable oil, grease, animal fat, and nonvolatile aqueous salt solutions, provided appropriate lids and covers are utilized.  |
| <input type="checkbox"/>                                   | 56. Storage tanks, vessels, and containers holding or storing liquid substances that will not emit any VOC or HAP. Exemptions for storage tanks containing petroleum liquids or other volatile organic liquids should be based on size limits such as storage tank capacity and vapor pressure of liquids stored and are not appropriate for this list.  |
| <input type="checkbox"/>                                   | 57. Such other sources or activities as the Director may determine.  |
| <input checked="" type="checkbox"/>                        | 58. Tobacco smoking rooms and areas.   |
| <input type="checkbox"/>                                   | 59. Vents from continuous emissions monitors and other analyzers.  |

**Section 5: Emission Units, Control Devices, and Emission Points**

|   |
|---|
| <b>25. Equipment Table</b>  |
| Fill out the <b>Title V Equipment Table</b> and provide it as <b>ATTACHMENT D</b> .   |
| <b>26. Emission Units</b>   |
| For each emission unit listed in the <b>Title V Equipment Table</b> , fill out and provide an <b>Emission Unit Form</b> as <b>ATTACHMENT E</b> .  |
| For each emission unit not in compliance with an applicable requirement, fill out a <b>Schedule of Compliance Form</b> as <b>ATTACHMENT F</b> .   |
| <b>27. Control Devices</b>  |
| For each control device listed in the <b>Title V Equipment Table</b> , fill out and provide an <b>Air Pollution Control Device Form</b> as <b>ATTACHMENT G</b> .  |
| For any control device that is required on an emission unit in order to meet a standard or limitation for which the potential pre-control device emissions of an applicable regulated air pollutant is greater than or equal to the Title V Major Source Threshold Level, refer to the <b>Compliance Assurance Monitoring (CAM) Form(s)</b> for CAM applicability. Fill out and provide these forms, if applicable, for each Pollutant Specific Emission Unit (PSEU) as <b>ATTACHMENT H</b> . |

**Section 6: Certification of Information**

|   |                                |
|---|--------------------------------|
| <b>28. Certification of Truth, Accuracy and Completeness and Certification of Compliance</b>  |                                |
| <i>Note: This Certification must be signed by a responsible official. The original, signed in blue ink, must be submitted with the application. Applications without an original signed certification will be considered as incomplete.</i>   |                                |
| <b>a. Certification of Truth, Accuracy and Completeness</b>   |                                |
| I certify that I am a responsible official (as defined at 45CSR§30-2.38) and am accordingly authorized to make this submission on behalf of the owners or operators of the source described in this document and its attachments. I certify under penalty of law that I have personally examined and am familiar with the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine and/or imprisonment. |                                |
| <b>b. Compliance Certification</b>  |                                |
| Except for requirements identified in the Title V Application for which compliance is not achieved, I, the undersigned hereby certify that, based on information and belief formed after reasonable inquiry, all air contaminant sources identified in this application are in compliance with all applicable requirements.   |                                |
| <b>Responsible official (type or print)</b>   |                                |
| Name: Karl J. Boelter   | Title: Plant Manager           |
| <b>Responsible official's signature:</b>  |                                |
| Signature:   | Signature Date: <u>5/13/14</u> |
| (Must be signed and dated in blue ink)  |                                |

|   |   |
|---|---|
| <b>Note: Please check all applicable attachments included with this permit application:</b> |   |
| <input checked="" type="checkbox"/>   | ATTACHMENT A: Area Map                                      |
| <input checked="" type="checkbox"/>   | ATTACHMENT B: Plot Plan(s)                                  |
| <input checked="" type="checkbox"/>   | ATTACHMENT C: Process Flow Diagram(s)                       |
| <input checked="" type="checkbox"/>   | ATTACHMENT D: Equipment Table                               |
| <input checked="" type="checkbox"/>   | ATTACHMENT E: Emission Unit Form(s)                         |
| <input type="checkbox"/>  | ATTACHMENT F: Schedule of Compliance Form(s)                |
| <input checked="" type="checkbox"/>   | ATTACHMENT G: Air Pollution Control Device Form(s)          |
| <input checked="" type="checkbox"/>   | ATTACHMENT H: Compliance Assurance Monitoring (CAM) Form(s) |

**All of the required forms and additional information can be found and downloaded from, the DEP website at [www.wvdep.org/dag](http://www.wvdep.org/dag), requested by phone (304) 926-0475, and/or obtained through the mail.**

# ATTACHMENT A – Map to Facility

**DIRECTIONS:**

**FROM AIRPORT:**

1. Exit Airport Rd to Rte 31 S (right)
2. Rte 31 S to Rte 2 S (right)
3. Rte 2 S to Rte 68 S (Emerson Ave)

**A) Washington Works**

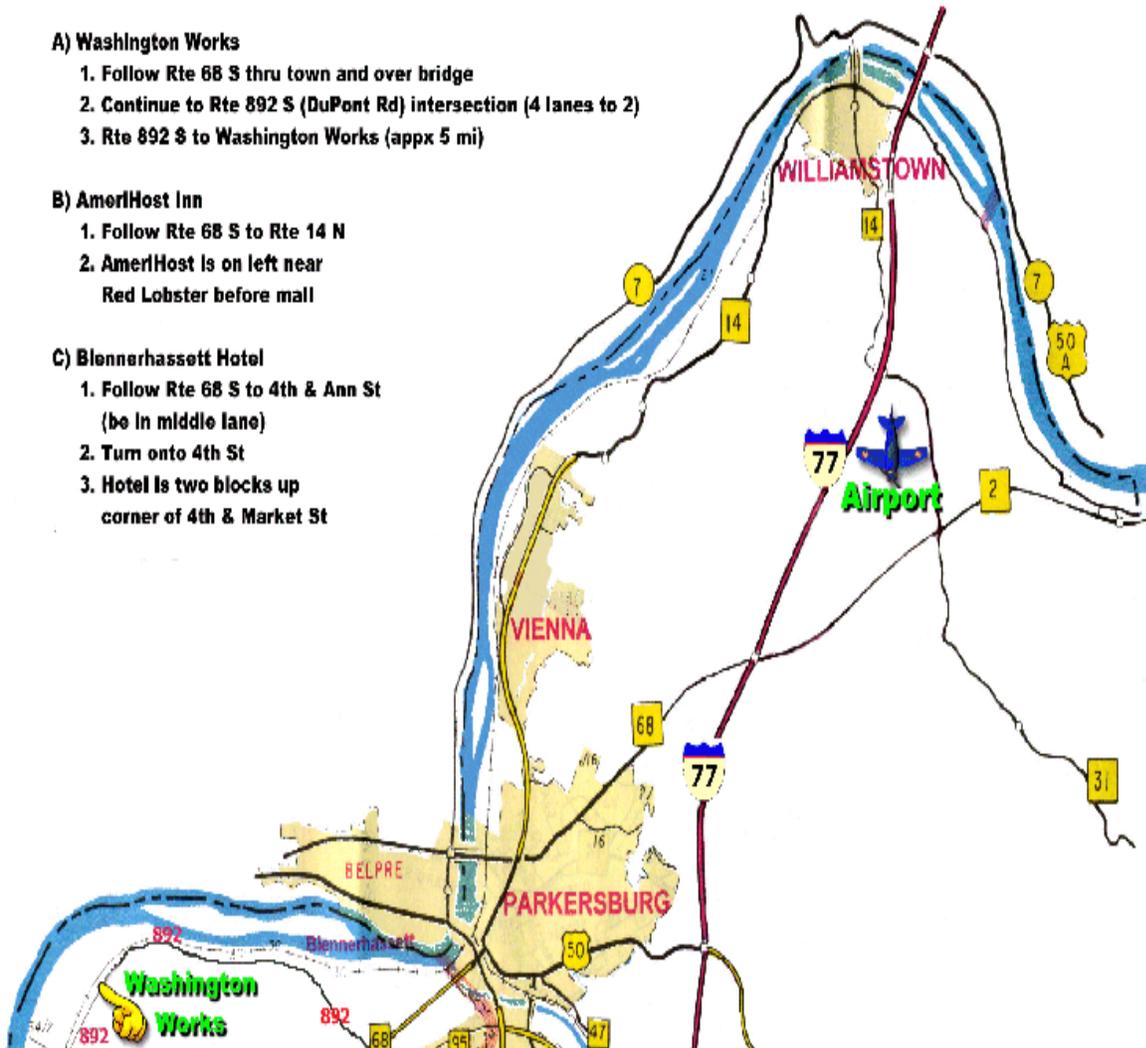
1. Follow Rte 68 S thru town and over bridge
2. Continue to Rte 892 S (DuPont Rd) intersection (4 lanes to 2)
3. Rte 892 S to Washington Works (appx 5 mi)

**B) AmeriHost Inn**

1. Follow Rte 68 S to Rte 14 N
2. AmeriHost is on left near Red Lobster before mall

**C) Blennerhassett Hotel**

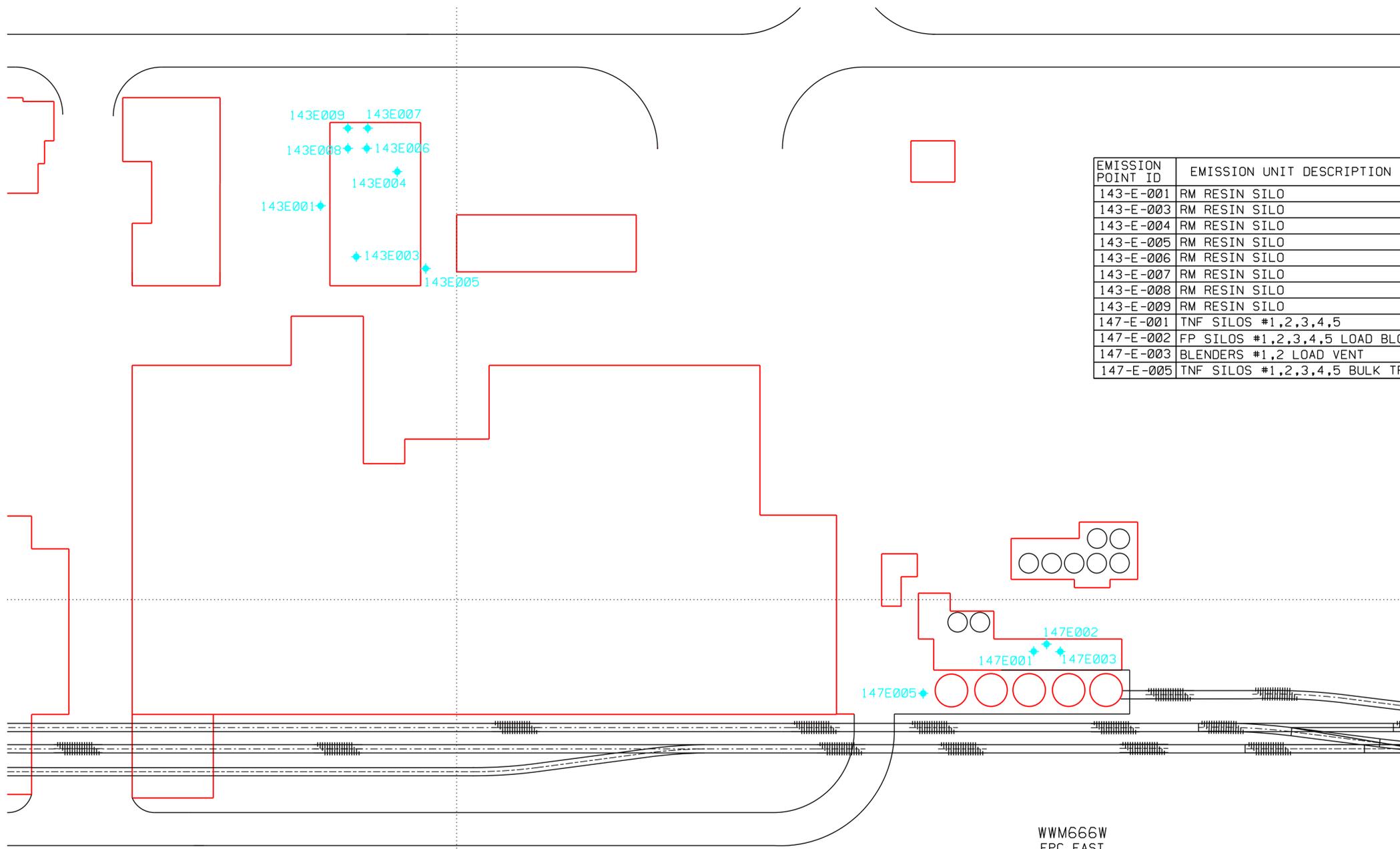
1. Follow Rte 68 S to 4th & Ann St (be in middle lane)
2. Turn onto 4th St
3. Hotel is two blocks up corner of 4th & Market St



# ATTACHMENT B – Plot Plan of Facility

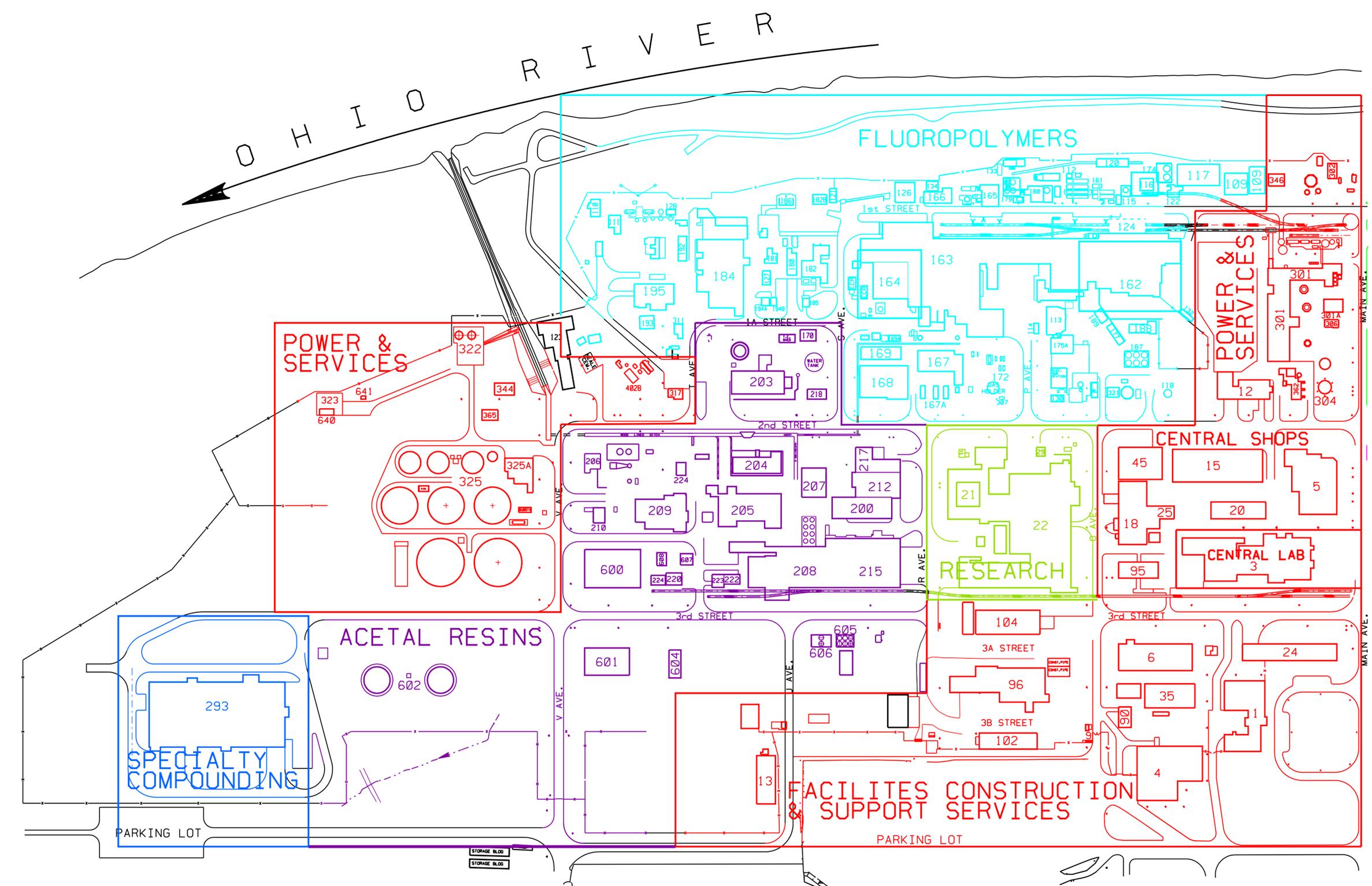
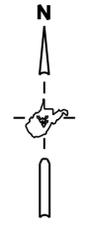




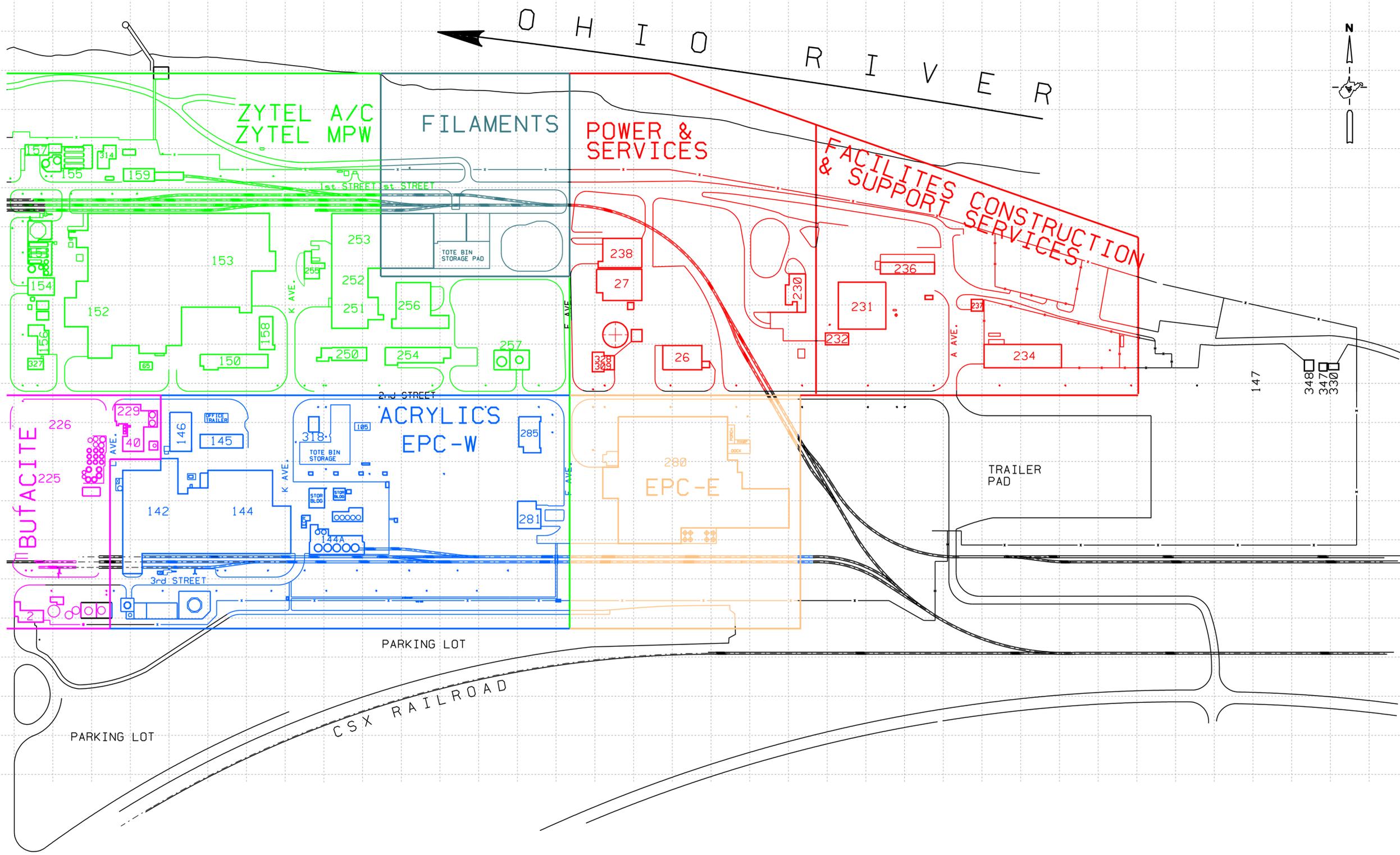


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|   |            |  |                              |
|---|------------|--|------------------------------|
| WASHINGTON WORKS<br>TITLE 5<br>APPLICATION UPDATE<br><br>C-1B |            | THIS DRAWING HAS BEEN FURNISHED BY E. J. DUPONT DE NEMOURS & CO. THE INFORMATION AND HIGH-RESOLUTION THEREON MAY NOT BE USED FOR THE DRAWING REPRODUCED WITHOUT THE WRITTEN PERMISSION OF DUPONT. ALL REPRODUCTIONS IN WHOLE OR IN PART, INCLUDING XEROX'S SHOP DRAWINGS, SHALL BEAR OR REFER TO THIS STAMP. |                              |
| SCALE   | 1" = 300'  | DATE   | 11-29-01                     |
| DRAWN BY  | JOE GASTON | UPDATED BY   | DAVE BRENNEN                 |
| CHECKED BY  |            | APPROVED BY  |                              |
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|   |            |  | WASHINGTON WORKS<br>WW M-809 |



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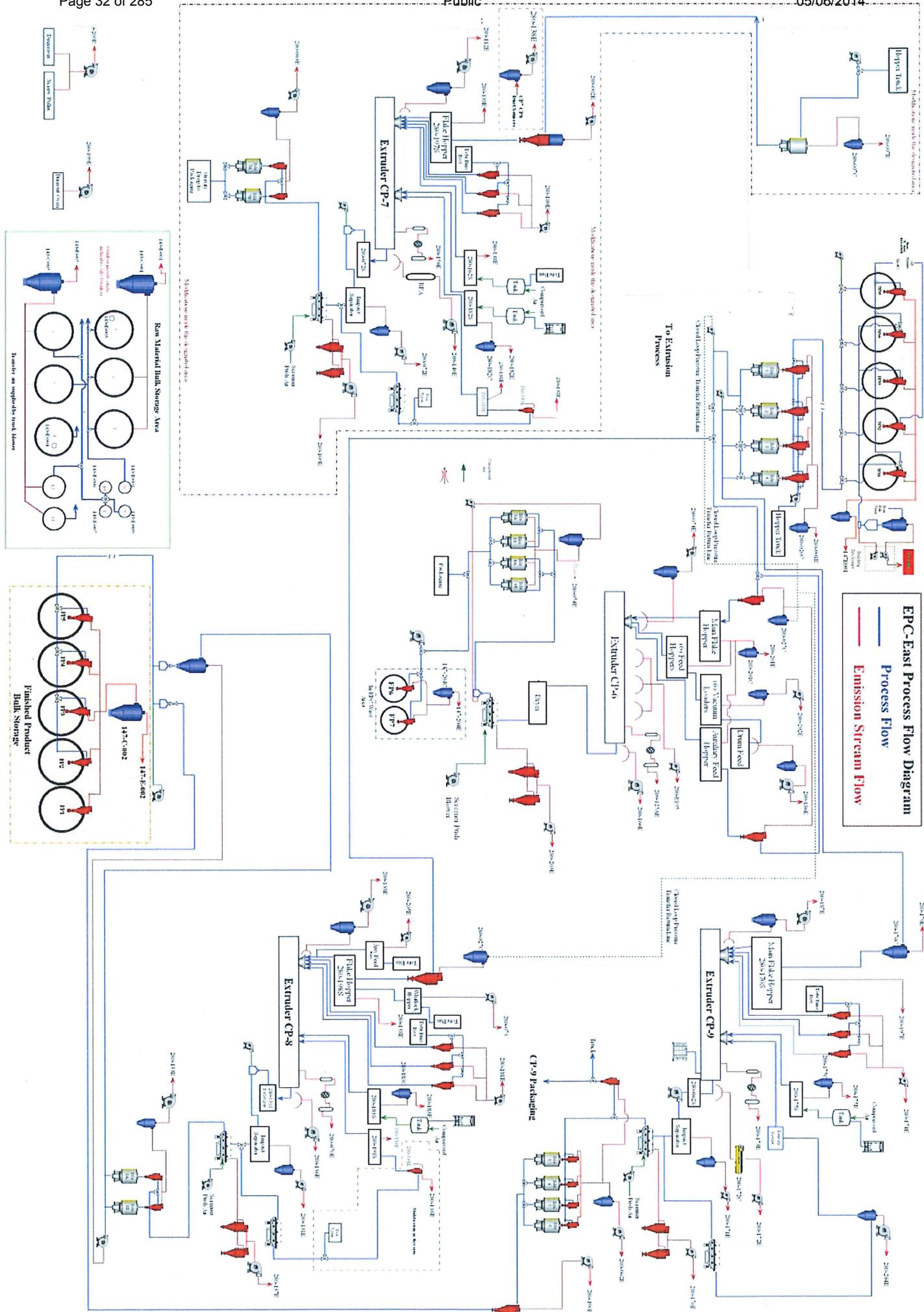
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SCALE: 1" = 300' DATE: 11-29-01  
 DRAWN BY: JOE GASTON  
 UPDATED BY: DAVE DRENNEN 12-5-01  
 CHECKED BY:  
 APPROVED BY:

|                  |         |            |           |                  |    |
|------------------|---------|------------|-----------|------------------|----|
| ELEC. CODE CLASS | WFJ NO. | FAX NUMBER | PROJ. NO. | WASHINGTON WORKS | OF |
|                  |         |            |           | WW M-809         | AR |

# ATTACHMENT C – Process Flow Diagram



# ATTACHMENT D – EMISSION UNIT TABLE

## ATTACHMENT D - Emission Units Table

| Emission Unit ID <sup>1</sup> | Emission Point ID <sup>1</sup> | Emission Unit Description  | Year Installed/Modified | Design Capacity | Control Device <sup>1</sup> |
|-------------------------------|--------------------------------|--|-------------------------|-----------------|-----------------------------|
| 143-001S                      | 143-001E                       | Raw Material Storage Silo (Raw Material Storage Silo)                    | 1980                    | 48000 pph       | 143-001C                    |
| 143-002S                      | 143-001E                       | Raw Material Storage Silo (Raw Material Storage Silo)                    | 1980                    | 48000 pph       | 143-001C                    |
| 143-003S                      | 143-003E                       | Raw Material Storage Silo (Raw Material Storage Silo)                    | 1980                    | 48000 pph       | 143-003C                    |
| 143-004S                      | 143-004E                       | Raw Material Storage Silo (Raw Material Storage Silo)                    | 1980                    | 48000 pph       | 143-004C                    |
| 143-005S                      | 143-005E                       | Raw Material Storage Silo (Raw Material Storage Silo)                    | 1980                    | 48000 pph       | 143-005C                    |
| 143-006S                      | 143-005E                       | Raw Material Storage Silo (Raw Material Storage Silo)                    | 1980                    | 48000 pph       | 143-005C                    |
| 143-007S                      | 143-009E                       | Raw Material Storage Silo (Raw Material Storage Silo)                    | 1980                    | 48000 pph       | 143-009C                    |
| 143-008S                      | 143-007E                       | Raw Material Storage Silo (Raw Material Storage Silo)                    | 1980                    | 48000 pph       | 143-007C                    |
| 143-009S                      | 143-008E                       | Raw Material Storage Silo (Raw Material Storage Silo)                    | 1980                    | 48000 pph       | 143-008C                    |
| 143-010S                      | 143-006E                       | Raw Material Storage Silo (Raw Material Storage Silo)                    | 1980                    | 48000 pph       | 143-006C                    |
| 143-011S                      | 143-005E                       | Raw Material Storage Silo (Raw Material Storage Silo)                    | 1980                    | 48000 pph       | 143-005C                    |
| 143-012S                      | 143-005E                       | Raw Material Storage Silo (Raw Material Storage Silo)                    | 1980                    | 48000 pph       | 143-005C                    |
| 147-003S                      | 147-003E                       | Blenders #1,2 Load Vent (Blenders #1,2 Load Vent)                        | 1980                    | 40000 pph       |                             |
| 147-005S                      | 147-005E                       | Bulk Unloading (Bulk Unloading)  | 1980                    | 20000 pph       |                             |
| 147-204S                      | 147-204E                       | FPS 6/7Silo Transfer System (FPS 6/7Silo Transfer System)                | 1988                    | 50000 pph       | 147-204C                    |
| 280-001S                      | 280-001E                       | Feed Silos 1-4 Bulk Flake Transfer (Bulk Silos 1 - 4)                    | 1967                    | 50000 pph       | 280-026C                    |
| 280-002S                      | 280-002E                       | CP7 Main Flake Hopper (CP7 Main Flake Hopper)                            | 1967                    | 50000 pph       | 280-027C                    |
| 280-002S                      | 280-170E                       | CP9 Main Flake CPS Bin Vent (CP9 Main Flake CPS Bin Vent)                | 1999                    | 50000 pph       | 280-170C                    |
| 280-007S                      | 280-007E                       | 100 Area Silo 6 Conveying Bin Vent (100 Area Silo 6 Conveying)           | 1988                    | 50000 pph       | 280-007C                    |
| 280-060S                      | 280-060E                       | 100 Area tote bin blending ventilation system (Collector 33)             | 1988                    | 20000 pph       |                             |
| 280-062S                      | 280-062E                       | CP9 Cutter (CP9 Cutter (2007-0900-8001))                                 | 1999                    | 50000 pph       |                             |
| 280-062S                      | 280-171E                       | CP9 Cutter (CP9 Cutter (2007-0900-8001))                                 | 1999                    | 10000 pph       |                             |
| 280-062S                      | 280-176E                       | CP9 Cooler/Screening Pull Blower (CP9 Cooler/Screening (2007-0900-9005)) | 1999                    | 10000           |                             |
| 280-062S                      | 280-204E                       | CP9 Rework Transfer System (CP9 Rework Transfer System)                  | 1999                    | 10000 pph       |                             |
| 280-072S                      | 280-063E                       | CP7 Cutter (CP7 Cutter (2004-0700-07))                                   | 1985                    | 7250 pph        |                             |
| 280-072S                      | 280-072E                       | CP7 Cutter (CP7 Cutter (2004-0700-07))                                   | 1985                    | 50000 pph       |                             |
| 280-072S                      | 280-109E                       | CP7 Cooler Screener (CP7 Cooler Screener (2004-0700-09))                 | 1985                    | 7250 pph        |                             |
| 280-072S                      | 280-138E                       | CP7 Cutter (7/8 General Dust Collector)                                  | 1985                    | 7250 pph        |                             |

|          |          |  |      |           |          |
|----------|----------|--|------|-----------|----------|
| 280-073S | 280-073E | CP8 Whitlock Hopper (CP8 Whitlock Hopper)                | 1985 | 7250 pph  |          |
| 280-112S | 280-112E | CP7 B1 Hopper (CP7 B1 Hopper )                           | 1985 | 7250 pph  |          |
| 280-131S | 280-131E | CP8 Cutter (CP8 Cutter (2005-0800-0007))                 | 1985 | 7250 pph  |          |
| 280-131S | 280-133E | CP8 Cutter (CP8 Cutter (2005-0800-0007))                 | 1985 | 7250 pph  |          |
| 280-131S | 280-137E | CP8 Cooler Screener (CP8 Cooler Screener (2005-0800-09)) | 1985 | 7250 pph  |          |
| 280-174S | 280-174E | CP9 Additive Feed Station System (CP9 Colortronics)      | 2003 | 10000 pph |          |
| 280-175S | 280-175E | CP9 Glass Hopper (CP9 Glass Hopper )                     | 2003 | 10000 pph | 280-175C |
| 280-180S | 280-180E | CP7 Additive Feed Station System (CP7 Colortronics)      | 1999 | 7250 pph  |          |
| 280-181S | 280-181E | CP8 Additive Feed Station System (CP8 Colortronics)      | 1985 | 7250 pph  |          |
| 280-182S | 280-182E | CP7 Glass Hopper (CP7 Glass Hopper )                     | 1985 | 3700 pph  | 280-182C |
| 280-183S | 280-183E | CP8 Glass Hopper (CP8 Glass Hopper )                     | 1987 | 20000 pph | 280-183C |
| 280-185S | 280-185E | FFS Transfer System                                      | 1987 |           |          |
| 280-186S | 280-186E | CP6 Additive Drum Station (CP6 Additive Drum Station )   | 1987 | 10500 pph |          |
| 280-190S | 280-190E | Silos #5-8 Bulk Conveyor (Silos #5-8 Bulk Conveyor)      | 1989 | 50000 pph |          |
| 280-191S | 280-138E | CP8 Cutter (7/8 General Dust Collector)                  | 1985 | 20000 pph |          |
| 280-194S | 280-194E | Collector 34 (Collector 34)                              | 1985 | 50000 pph |          |
| 280-197S | 280-138E | CP7 Main Flake Hopper (7/8 General Dust Collector)       | 1985 | 7250 pph  |          |
| 280-198S | 280-138E | CP8 Main Flake Hopper (7/8 General Dust Collector)       | 1985 | 7250 pph  |          |
| 280-201S | 280-201E | CP6 Feed Hoppers (CP6 Feed Hoppers)                      | 2003 | 10500 pph | 280-201C |
| 280-202S | 280-202E | CP6 Vacuum Loaders (CP6 Vacuum Loaders)                  | 2003 | 30000 pph |          |
| 280-205S | 280-205E | CP8 Auxillary Feed Hopper (CP8 Auxillary Feed Hopper)    | 1985 | 7250 pph  |          |
| 280-205S | 147-204E | CP8 Auxillary Feed Hopper (CP8 Auxillary Feed Hopper)    | 1985 | 7250 pph  |          |
| 280-205S | 280-001E | CP8 Auxillary Feed Hopper (CP8 Auxillary Feed Hopper)    | 1985 | 7250 pph  |          |
| 280-205S | 280-002E | CP8 Auxillary Feed Hopper (CP8 Auxillary Feed Hopper)    | 1985 | 7250 pph  |          |
| 280-205S | 280-007E | CP8 Auxillary Feed Hopper (CP8 Auxillary Feed Hopper)    | 1985 | 7250 pph  |          |
| 280-205S | 280-170E | CP8 Auxillary Feed Hopper (CP8 Auxillary Feed Hopper)    | 1985 | 7250 pph  |          |
| 280-205S | 280-172E | CP8 Auxillary Feed Hopper (CP8 Auxillary Feed Hopper)    | 1985 | 7250 pph  |          |
| 280-205S | 280-175E | CP8 Auxillary Feed Hopper (CP8 Auxillary Feed Hopper)    | 1985 | 7250 pph  |          |
| 280-205S | 280-182E | CP8 Auxillary Feed Hopper (CP8 Auxillary Feed Hopper)    | 1985 | 7250 pph  |          |
| 280-205S | 280-183E | CP8 Auxillary Feed Hopper (CP8 Auxillary Feed Hopper)    | 1985 | 7250 pph  |          |
| 280-205S | 280-201E | CP8 Auxillary Feed Hopper (CP8 Auxillary Feed Hopper)    | 1985 | 7250 pph  |          |

|         |           |   |      |            |          |
|---------|-----------|---|------|------------|----------|
| 280-CP6 | 280-074E  | CP6 B1 Hopper (CP6 B1 Hopper)   | 2005 | 10500 pph  |          |
| 280-CP6 | 280-125AE | CP6 Extruder (CP6 Extruder (2001-7001-0001))                          | 2003 | 10500 pph  |          |
| 280-CP6 | 280-160E  | CP6 Extruder (CP6 Extruder (2001-7001-0001))                          | 2003 | 10500 pph  |          |
| 280-CP6 | 280-195E  | CP6 Extruder (CP6 Extruder (2001-7001-0001))                          | 2005 | 10500 pph  |          |
| 280-CP6 | 280-203E  | CP6 Cooler/Screening Pull Blower (CP6 Cooler/Screening (2001-6002-5)) | 2003 | 10500 pph  |          |
| 280-CP7 | 280-140E  | CP7 Extruder Die Exhaust  | 1985 | 7250 pph   |          |
| 280-CP7 | 280-150E  | CP7 Vacuum System   | 1985 | 7250 pph   |          |
| 280-CP8 | 280-070E  | CP8 Extruder (CP8 Extruder (2005-0800-05-1))                          | 1985 | 7250 pph   |          |
| 280-CP8 | 280-136E  | CP8 Extruder (CP8 Extruder (2005-0800-05-1))                          | 1985 | 7250 pph   |          |
| 280-CP8 | 280-138E  | CP8 Extruder (CP8 Extruder (2005-0800-05-1))                          | 1985 | 7250 pph   |          |
| 280-CP9 | 280-172E  | CP9 Extruder (CP9 Extruder (2007-0900-5001))                          | 2003 | 10000 pph  | 280-172C |
| 280-CP9 | 280-173E  | CP9 Extruder (CP9 Extruder (2007-0900-5001))                          | 2003 | 10000 pph  |          |
| 280-CP9 | 280-187E  | CP9 Extruder (CP9 B-1 Hopper Exhaust)                                 | 1999 | 10000 pph  |          |
| FP1     | 147-002E  | Finished Product Silos (Finished Product Silos)                       | 1980 | 120000 pph | 147-002C |
| FP2     | 147-002E  | Finished Product Silos (Finished Product Silos)                       | 1980 | 120000 pph | 147-002C |
| FP3     | 147-002E  | Finished Product Silos (Finished Product Silos)                       | 1980 | 120000 pph | 147-002C |
| FP4     | 147-002E  | Finished Product Silos (Finished Product Silos)                       | 1980 | 120000 pph | 147-002C |
| FP5     | 147-002E  | Finished Product Silos (Finished Product Silos)                       | 1980 | 120000 pph | 147-002C |
| TFN1    | 147-001E  | Raw Material Storage Silos (Raw Material Storage Silos)               | 1980 | 184000 pph | 147-001C |
| TFN2    | 147-001E  | Raw Material Storage Silos (Raw Material Storage Silos)               | 1980 | 184000 pph | 147-001C |
| TFN3    | 147-001E  | Raw Material Storage Silos (Raw Material Storage Silos)               | 1980 | 184000 pph | 147-001C |
| TFN4    | 147-001E  | Raw Material Storage Silos (Raw Material Storage Silos)               | 1980 | 184000 pph | 147-001C |
| TFN5    | 147-001E  | Raw Material Storage Silos (Raw Material Storage Silos)               | 1980 | 184000 pph | 147-001C |

1 For 45CSR13 permitted sources, the numbering system used for the emission points, control devices, and emission units should be consistent with the numbering system used in the 45CSR13 permit. For grandfathered sources, the numbering system should be consistent with registrations or emissions inventory previously submitted to DAQ. For emission points, control devices, and emissions units which have not been previously labeled, use the following 45CSR13 numbering system: 1S, 2S, 3S,... or other appropriate description for emission units; 1C, 2C, 3C,... or other appropriate designation for control devices; 1E, 2E, 3E, ... or other appropriate designation for emission points

# ATTACHMENT E – EMISSION UNIT DATA FORMS

| <b>ATTACHMENT E - Emission Unit Form</b>   |   |  |                  |
|--|---|--|------------------|
| <b>Emission Unit Description</b>   |   |  |                  |
| <b>Emission unit ID number:</b><br><br>143-001S  | <b>Emission unit name:</b><br><br>Raw Material Storage Silo | <b>List any control devices associated with this emission unit:</b><br><br>143-001C                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>Raw Material Storage Silo (Raw Material Storage Silo) -Vents through 143-001E |   |  |                  |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                             | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1980                       | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>48000 pph   |   |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>96000 pph   | <b>Maximum Annual Throughput:</b><br><br>420480 tn/yr       | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |   |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |   | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |   | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                    |   |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |   |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                                  | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A   | N/A  | N/A              |
|  |   |  |                  |
|  |   |  |                  |
|  |   |  |                  |

| <b><i>Emissions Data</i></b>   |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.3                 | 0.1  |
| Particulate Matter (PM <sub>10</sub> )   | 2                   | 0.85 |
| Total Particulate Matter (TSP)   | 9.6                 | 4.21 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
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|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244H

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |   |  |                  |
|--|---|--|------------------|
| <b>Emission Unit Description</b>   |   |  |                  |
| <b>Emission unit ID number:</b><br><br>143-002S  | <b>Emission unit name:</b><br><br>Raw Material Storage Silo | <b>List any control devices associated with this emission unit:</b><br><br>143-001C                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>Raw Material Storage Silo (Raw Material Storage Silo) -Vents through 143-001E |   |  |                  |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                             | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1980                       | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>48000 pph   |   |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>96000 pph   | <b>Maximum Annual Throughput:</b><br><br>420480 tn/yr       | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |   |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |   | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |   | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                    |   |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |   |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                                  | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A   | N/A  | N/A              |
|  |   |  |                  |
|  |   |  |                  |
|  |   |  |                  |

| <b>Emissions Data</b>  |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.3                 | 0.1  |
| Particulate Matter (PM <sub>10</sub> )   | 2                   | 0.85 |
| Total Particulate Matter (TSP)   | 9.6                 | 4.21 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
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|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244H

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |   |  |           |
|--|---|--|-----------|
| <i>Emission Unit Description</i>   |   |  |           |
| <b>Emission unit ID number:</b><br><br>143-003S  | <b>Emission unit name:</b><br><br>Raw Material Storage Silo | <b>List any control devices associated with this emission unit:</b><br><br>143-003C                    |           |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>Raw Material Storage Silo (Raw Material Storage Silo) -Vents through 143-003E |   |  |           |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                             | <b>Serial number:</b><br><br>N/A   |           |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1980                       | <b>Modification date(s):</b><br><br>N/A  |           |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>48000 pph   |   |  |           |
| <b>Maximum Hourly Throughput:</b><br><br>48000 pph   | <b>Maximum Annual Throughput:</b><br><br>210240 tn/yr       | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |           |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |   |  |           |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |   | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |           |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |   | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |           |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                    |   |  |           |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |   |  |           |
| Fuel Type  | Max. Sulfur Content   | Max. Ash Content   | BTU Value |
| N/A  | N/A   | N/A  | N/A       |
|  |   |  |           |
|  |   |  |           |
|  |   |  |           |

| <b>Emissions Data</b>  |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.3                 | 0.1  |
| Particulate Matter (PM <sub>10</sub> )   | 2                   | 0.85 |
| Total Particulate Matter (TSP)   | 9.6                 | 4.21 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
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|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244H

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |   |  |                  |
|--|---|--|------------------|
| <b>Emission Unit Description</b>   |   |  |                  |
| <b>Emission unit ID number:</b><br><br>143-004S  | <b>Emission unit name:</b><br><br>Raw Material Storage Silo | <b>List any control devices associated with this emission unit:</b><br><br>143-004C                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>Raw Material Storage Silo (Raw Material Storage Silo) -Vents through 143-004E |   |  |                  |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                             | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1980                       | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>48000 pph   |   |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>48000 pph   | <b>Maximum Annual Throughput:</b><br><br>210240 tn/yr       | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |   |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |   | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |   | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                    |   |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |   |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                                  | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A   | N/A  | N/A              |
|  |   |  |                  |
|  |   |  |                  |
|  |   |  |                  |

| <b>Emissions Data</b>  |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.3                 | 0.1  |
| Particulate Matter (PM <sub>10</sub> )   | 2                   | 0.85 |
| Total Particulate Matter (TSP)   | 9.6                 | 4.21 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
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|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244H

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |   |  |                  |
|--|---|--|------------------|
| <b>Emission Unit Description</b>   |   |  |                  |
| <b>Emission unit ID number:</b><br><br>143-005S  | <b>Emission unit name:</b><br><br>Raw Material Storage Silo | <b>List any control devices associated with this emission unit:</b><br><br>143-005C                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>Raw Material Storage Silo (Raw Material Storage Silo) -Vents through 143-005E |   |  |                  |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                             | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1980                       | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>48000 pph   |   |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>48000 pph   | <b>Maximum Annual Throughput:</b><br><br>210240 tn/yr       | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |   |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |   | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |   | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                    |   |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |   |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                                  | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A   | N/A  | N/A              |
|  |   |  |                  |
|  |   |  |                  |
|  |   |  |                  |

| <b><i>Emissions Data</i></b>   |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.3                 | 0.1  |
| Particulate Matter (PM <sub>10</sub> )   | 2                   | 0.43 |
| Total Particulate Matter (TSP)   | 9.6                 | 2.11 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244H

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |   |  |                  |
|--|---|--|------------------|
| <b>Emission Unit Description</b>   |   |  |                  |
| <b>Emission unit ID number:</b><br><br>143-006S  | <b>Emission unit name:</b><br><br>Raw Material Storage Silo | <b>List any control devices associated with this emission unit:</b><br><br>143-005C                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>Raw Material Storage Silo (Raw Material Storage Silo) -Vents through 143-005E |   |  |                  |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                             | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1980                       | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>48000 pph   |   |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>48000 pph   | <b>Maximum Annual Throughput:</b><br><br>210240 tn/yr       | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |   |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |   | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |   | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                    |   |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |   |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                                  | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A   | N/A  | N/A              |
|  |   |  |                  |
|  |   |  |                  |
|  |   |  |                  |

| <b><i>Emissions Data</i></b>   |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.3                 | 0.05 |
| Particulate Matter (PM <sub>10</sub> )   | 2                   | 0.43 |
| Total Particulate Matter (TSP)   | 9.6                 | 2.11 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244H

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |   |  |                  |
|--|---|--|------------------|
| <b>Emission Unit Description</b>   |   |  |                  |
| <b>Emission unit ID number:</b><br><br>143-007S  | <b>Emission unit name:</b><br><br>Raw Material Storage Silo | <b>List any control devices associated with this emission unit:</b><br><br>143-009C                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>Raw Material Storage Silo (Raw Material Storage Silo) -Vents through 143-009E |   |  |                  |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                             | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1980                       | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>48000 pph   |   |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>48000 pph   | <b>Maximum Annual Throughput:</b><br><br>210240 tn/yr       | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |   |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |   | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |   | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                    |   |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |   |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                                  | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A   | N/A  | N/A              |
|  |   |  |                  |
|  |   |  |                  |
|  |   |  |                  |

| <b>Emissions Data</b>  |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.3                 | 0.05 |
| Particulate Matter (PM <sub>10</sub> )   | 2                   | 0.43 |
| Total Particulate Matter (TSP)   | 9.6                 | 2.11 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244H

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |   |  |                  |
|--|---|--|------------------|
| <b>Emission Unit Description</b>   |   |  |                  |
| <b>Emission unit ID number:</b><br><br>143-008S  | <b>Emission unit name:</b><br><br>Raw Material Storage Silo | <b>List any control devices associated with this emission unit:</b><br><br>143-007C                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>Raw Material Storage Silo (Raw Material Storage Silo) -Vents through 143-007E |   |  |                  |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                             | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1980                       | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>48000 pph   |   |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>48000 pph   | <b>Maximum Annual Throughput:</b><br><br>210240 tn/yr       | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |   |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |   | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |   | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                    |   |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |   |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                                  | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A   | N/A  | N/A              |
|  |   |  |                  |
|  |   |  |                  |
|  |   |  |                  |

| <b><i>Emissions Data</i></b>   |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.3                 | 0.05 |
| Particulate Matter (PM <sub>10</sub> )   | 2                   | 0.43 |
| Total Particulate Matter (TSP)   | 9.6                 | 2.11 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
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|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244H

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |   |  |                  |
|--|---|--|------------------|
| <b>Emission Unit Description</b>   |   |  |                  |
| <b>Emission unit ID number:</b><br><br>143-009S  | <b>Emission unit name:</b><br><br>Raw Material Storage Silo | <b>List any control devices associated with this emission unit:</b><br><br>143-008C                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>Raw Material Storage Silo (Raw Material Storage Silo) -Vents through 143-008E |   |  |                  |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                             | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1980                       | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>48000 pph   |   |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>48000 pph   | <b>Maximum Annual Throughput:</b><br><br>210240 tn/yr       | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |   |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |   | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |   | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                    |   |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |   |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                                  | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A   | N/A  | N/A              |
|  |   |  |                  |
|  |   |  |                  |
|  |   |  |                  |

| <b>Emissions Data</b>  |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.3                 | 0.05 |
| Particulate Matter (PM <sub>10</sub> )   | 2                   | 0.43 |
| Total Particulate Matter (TSP)   | 9.6                 | 2.11 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244H

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |   |  |                  |
|--|---|--|------------------|
| <b>Emission Unit Description</b>   |   |  |                  |
| <b>Emission unit ID number:</b><br><br>143-010S  | <b>Emission unit name:</b><br><br>Raw Material Storage Silo | <b>List any control devices associated with this emission unit:</b><br><br>143-006C                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>Raw Material Storage Silo (Raw Material Storage Silo) -Vents through 143-006E |   |  |                  |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                             | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1980                       | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>48000 pph   |   |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>48000 pph   | <b>Maximum Annual Throughput:</b><br><br>210240 tn/yr       | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |   |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |   | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |   | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                    |   |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |   |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                                  | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A   | N/A  | N/A              |
|  |   |  |                  |
|  |   |  |                  |
|  |   |  |                  |

| <b>Emissions Data</b>  |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.3                 | 0.1  |
| Particulate Matter (PM <sub>10</sub> )   | 2                   | 0.85 |
| Total Particulate Matter (TSP)   | 9.6                 | 4.21 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244H

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |   |  |                  |
|--|---|--|------------------|
| <b>Emission Unit Description</b>   |   |  |                  |
| <b>Emission unit ID number:</b><br><br>143-011S  | <b>Emission unit name:</b><br><br>Raw Material Storage Silo | <b>List any control devices associated with this emission unit:</b><br><br>143-005C                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>Raw Material Storage Silo (Raw Material Storage Silo) -Vents through 143-005E |   |  |                  |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                             | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1980                       | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>48000 pph   |   |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>48000 pph   | <b>Maximum Annual Throughput:</b><br><br>210240 tn/yr       | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |   |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |   | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |   | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                    |   |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |   |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                                  | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A   | N/A  | N/A              |
|  |   |  |                  |
|  |   |  |                  |
|  |   |  |                  |

| <b>Emissions Data</b>  |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.3                 | 0.05 |
| Particulate Matter (PM <sub>10</sub> )   | 2                   | 0.43 |
| Total Particulate Matter (TSP)   | 9.6                 | 2.11 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244H

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |   |  |                  |
|--|---|--|------------------|
| <b>Emission Unit Description</b>   |   |  |                  |
| <b>Emission unit ID number:</b><br><br>143-012S  | <b>Emission unit name:</b><br><br>Raw Material Storage Silo | <b>List any control devices associated with this emission unit:</b><br><br>143-005C                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>Raw Material Storage Silo (Raw Material Storage Silo) -Vents through 143-005E |   |  |                  |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                             | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1980                       | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>48000 pph   |   |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>48000 pph   | <b>Maximum Annual Throughput:</b><br><br>210240 tn/yr       | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |   |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |   | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |   | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                    |   |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |   |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                                  | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A   | N/A  | N/A              |
|  |   |  |                  |
|  |   |  |                  |
|  |   |  |                  |

| <b>Emissions Data</b>  |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.3                 | 0.05 |
| Particulate Matter (PM <sub>10</sub> )   | 2                   | 0.43 |
| Total Particulate Matter (TSP)   | 9.6                 | 2.11 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244H

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |   |  |                  |
|--|---|--|------------------|
| <b><i>Emission Unit Description</i></b>  |   |  |                  |
| <b>Emission unit ID number:</b><br><br>147-003S  | <b>Emission unit name:</b><br><br>Blenders #1,2 Load Vent | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>Blenders #1,2 Load Vent (Blenders #1,2 Load Vent) -Vents through 147-003E |   |  |                  |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                           | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1980                     | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>40000 pph   |   |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>40000 pph   | <b>Maximum Annual Throughput:</b><br><br>175200 tn/yr     | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |   |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |   | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |   | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                |   |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |   |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                                | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A   | N/A  | N/A              |
|  |   |  |                  |
|  |   |  |                  |
|  |   |  |                  |

| <b>Emissions Data</b>  |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.1                 | 0.01 |
| Particulate Matter (PM <sub>10</sub> )   | 0.1                 | 0.01 |
| Total Particulate Matter (TSP)   | 0.1                 | 0.01 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244H

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>  |  |  |                  |
|---|--|--|------------------|
| <b>Emission Unit Description</b>  |  |  |                  |
| <b>Emission unit ID number:</b><br><br>147-005S   | <b>Emission unit name:</b><br><br>Bulk Unloading     | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>Bulk Unloading (Bulk Unloading) -Vents through 147-005E    |  |  |                  |
| <b>Manufacturer:</b><br><br>N/A   | <b>Model number:</b><br><br>N/A                      | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A  | <b>Installation date:</b><br><br>1980                | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>20000 pph  |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>20000 pph  | <b>Maximum Annual Throughput:</b><br><br>87600 tn/yr | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>   |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A   |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b> |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>  |  |  |                  |
| <b>Fuel Type</b>  | <b>Max. Sulfur Content</b>                           | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A   | N/A  | N/A  | N/A              |
|   |  |  |                  |
|   |  |  |                  |
|   |  |  |                  |

| <b><i>Emissions Data</i></b>   |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  |                     |      |
| Particulate Matter (PM <sub>10</sub> )   | 0.1                 | 0.01 |
| Total Particulate Matter (TSP)   | 0.1                 | 0.01 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
| Particulate Matter (PM10)  | 0.1                 | 0.01 |
| Total Particulate Matter (TSP)   | 0.1                 | 0.01 |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244H

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |   |  |                  |
|--|---|--|------------------|
| <b>Emission Unit Description</b>   |   |  |                  |
| <b>Emission unit ID number:</b><br><br>147-204S  | <b>Emission unit name:</b><br><br>FPS 6/7Silo Transfer System | <b>List any control devices associated with this emission unit:</b><br><br>147-204C                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>FPS 6/7Silo Transfer System (FPS 6/7Silo Transfer System) -Vents through 147-204E |   |  |                  |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                               | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1988                         | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>50000 pph   |   |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>50000 pph   | <b>Maximum Annual Throughput:</b><br><br>109500 tn/yr         | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |   |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |   | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |   | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                        |   |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |   |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                                    | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A   | N/A  | N/A              |
|  |   |  |                  |
|  |   |  |                  |
|  |   |  |                  |

| <b><i>Emissions Data</i></b>   |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.3                 | 0.49 |
| Particulate Matter (PM <sub>10</sub> )   | 0.6                 | 1.12 |
| Total Particulate Matter (TSP)   | 10                  | 21.9 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |  |  |                  |
|--|--|--|------------------|
| <b>Emission Unit Description</b>   |  |  |                  |
| <b>Emission unit ID number:</b><br><br>280-001S  | <b>Emission unit name:</b><br><br>Feed Silos 1-4 Bulk Flake Transfer | <b>List any control devices associated with this emission unit:</b><br><br>280-026C                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>Bulk Loading System(s) (Bulk Silos 1 - 4) -Vents through 280-001E |  |  |                  |
| <b>Manufacturer:</b><br><br>Several Different Unit   | <b>Model number:</b><br><br>N/A                                      | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1967                                | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>50000 pph   |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>34500 pph   | <b>Maximum Annual Throughput:</b><br><br>151110 pph                  | <b>Maximum Operating Schedule:</b><br><br>8760   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>        |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |  |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>   | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A  | N/A  | N/A              |
|  |  |  |                  |
|  |  |  |                  |
|  |  |  |                  |

| <b>Emissions Data</b>  |                     |       |
|--|---------------------|-------|
| Criteria Pollutants  | Potential Emissions |       |
|  | PPH                 | TPY   |
| Carbon Monoxide (CO)   |                     |       |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |       |
| Lead (Pb)  |                     |       |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.7                 | 1.38  |
| Particulate Matter (PM <sub>10</sub> )   | 7.7                 | 15.18 |
| Total Particulate Matter (TSP)   | 35                  | 68.99 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |       |
| Volatile Organic Compounds (VOC)   |                     |       |
| Hazardous Air Pollutants   | Potential Emissions |       |
|  | PPH                 | TPY   |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |       |
|  | PPH                 | TPY   |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |       |
| Engineering Estimate   |                     |       |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |   |  |                  |
|--|---|--|------------------|
| <b>Emission Unit Description</b>   |   |  |                  |
| <b>Emission unit ID number:</b><br><br>280-002S  | <b>Emission unit name:</b><br><br>CP7 Main Flake Hopper | <b>List any control devices associated with this emission unit:</b><br><br>280-027C                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>CP7 Main Flake Hopper (CP7 Main Flake Hopper) -Vents through 280-002E |   |  |                  |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                         | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1967                   | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>50000 pph   |   |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>50000 pph   | <b>Maximum Annual Throughput:</b><br><br>109500 tn/yr   | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |   |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |   | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |   | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>            |   |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |   |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                              | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A   | N/A  | N/A              |
|  |   |  |                  |
|  |   |  |                  |
|  |   |  |                  |

| <b>Emissions Data</b>  |                     |       |
|--|---------------------|-------|
| Criteria Pollutants  | Potential Emissions |       |
|  | PPH                 | TPY   |
| Carbon Monoxide (CO)   |                     |       |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |       |
| Lead (Pb)  |                     |       |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.5                 | 1.1   |
| Particulate Matter (PM <sub>10</sub> )   | 5.5                 | 12.05 |
| Total Particulate Matter (TSP)   | 25                  | 54.75 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |       |
| Volatile Organic Compounds (VOC)   |                     |       |
| Hazardous Air Pollutants   | Potential Emissions |       |
|  | PPH                 | TPY   |
|  |                     |       |
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|  |                     |       |
|  |                     |       |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |       |
|  | PPH                 | TPY   |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |       |
| Engineering Estimate   |                     |       |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>  |   |  |                  |
|---|---|--|------------------|
| <b>Emission Unit Description</b>  |   |  |                  |
| <b>Emission unit ID number:</b><br><br>280-007S   | <b>Emission unit name:</b><br><br>100 Area Silo 6 Conveying Bin<br>Vent | <b>List any control devices associated with this emission unit:</b><br><br>280-007C                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>100 Area Transfer System (100 Area Silo 6 Conveying) -Vents through 280-007E |   |  |                  |
| <b>Manufacturer:</b><br><br>N/A   | <b>Model number:</b><br><br>N/A   | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A  | <b>Installation date:</b><br><br>1988                                   | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>50000 pph  |   |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>7250 pph   | <b>Maximum Annual Throughput:</b><br><br>31755 tn/yr                    | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>   |   |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |   | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A   |   | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                   |   |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>  |   |  |                  |
| <b>Fuel Type</b>  | <b>Max. Sulfur Content</b>  | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A   | N/A   | N/A  | N/A              |
|   |   |  |                  |
|   |   |  |                  |
|   |   |  |                  |

| <b><i>Emissions Data</i></b>   |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.3                 | 0.04 |
| Particulate Matter (PM <sub>10</sub> )   | 0.6                 | 0.09 |
| Total Particulate Matter (TSP)   | 10                  | 1.76 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
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|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>  |   |  |                  |
|---|---|--|------------------|
| <b>Emission Unit Description</b>  |   |  |                  |
| <b>Emission unit ID number:</b><br><br>280-060S   | <b>Emission unit name:</b><br><br>100 Area tote bin blending ventilation system | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>100 Area tote bin blending ventilation system (Collector 33) -Vents through 280-060E |   |  |                  |
| <b>Manufacturer:</b><br><br>N/A   | <b>Model number:</b><br><br>N/A   | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A  | <b>Installation date:</b><br><br>1988   | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>20000 pph  |   |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>10000 pph  | <b>Maximum Annual Throughput:</b><br><br>43800 tn/yr                            | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>   |   |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |   | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A   |   | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                           |   |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>  |   |  |                  |
| <b>Fuel Type</b>  | <b>Max. Sulfur Content</b>  | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A   | N/A   | N/A  | N/A              |
|   |   |  |                  |
|   |   |  |                  |
|   |   |  |                  |

| <b><i>Emissions Data</i></b>   |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.1                 | 0.01 |
| Particulate Matter (PM <sub>10</sub> )   | 0.1                 | 0.01 |
| Total Particulate Matter (TSP)   | 0.1                 | 0.02 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
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|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |   |  |                  |
|--|---|--|------------------|
| <b>Emission Unit Description</b>   |   |  |                  |
| <b>Emission unit ID number:</b><br><br>280-062S  | <b>Emission unit name:</b><br><br>CP9 Cutter        | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>Transfer system for silos 5-8 (CP9 Cutter (2007-0900-8001)) -Vents through 280-062E |   |  |                  |
| <b>Manufacturer:</b><br><br>CONAIR   | <b>Model number:</b><br><br>9024 10-92965           | <b>Serial number:</b><br><br>20-240695 GW  |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1999               | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>50000 pph   |   |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>10000 pph   | <b>Maximum Annual Throughput:</b><br><br>9636 tn/yr | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |   |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |   | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |   | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                          |   |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |   |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                          | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A   | N/A  | N/A              |
|  |   |  |                  |
|  |   |  |                  |
|  |   |  |                  |

| <b>Emissions Data</b>  |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.1                 | 0.01 |
| Particulate Matter (PM <sub>10</sub> )   | 0.1                 | 0.01 |
| Total Particulate Matter (TSP)   | 0.1                 | 0.02 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
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|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |  |  |                  |
|--|--|--|------------------|
| <b>Emission Unit Description</b>   |  |  |                  |
| <b>Emission unit ID number:</b><br><br>280-062S  | <b>Emission unit name:</b><br><br>CP9 Cutter         | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br>CP9 Cutter Conveyor Exhaust (CP9 Cutter (2007-0900-8001)) -Vents through 280-171E |  |  |                  |
| <b>Manufacturer:</b><br><br>CONAIR   | <b>Model number:</b><br><br>9024 10-92965            | <b>Serial number:</b><br><br>20-240695 GW  |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1999                | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>10000 pph   |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>10000 pph   | <b>Maximum Annual Throughput:</b><br><br>43800 tn/yr | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                    |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |  |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                           | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A  | N/A  | N/A              |
|  |  |  |                  |
|  |  |  |                  |
|  |  |  |                  |

| <b><i>Emissions Data</i></b>   |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.1                 | 0.01 |
| Particulate Matter (PM <sub>10</sub> )   | 0.1                 | 0.02 |
| Total Particulate Matter (TSP)   | 0.1                 | 0.27 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
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|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |  |  |                  |
|--|--|--|------------------|
| <b>Emission Unit Description</b>   |  |  |                  |
| <b>Emission unit ID number:</b><br><br>280-062S  | <b>Emission unit name:</b><br><br>CP9 Cooler/Screening Pull Blower | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>CP9 Cooler/Screening Exhaust (CP9 Cooler/Screening (2007-0900-9005)) - Vents through 280-176E |  |  |                  |
| <b>Manufacturer:</b><br><br>WITTE-CO   | <b>Model number:</b><br><br>448-T-HC                               | <b>Serial number:</b><br><br>4491  |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1999                              | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>10000   |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>10000 pph   | <b>Maximum Annual Throughput:</b><br><br>43380 tn/yr               | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                                    |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |  |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>   | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A  | N/A  | N/A              |
|  |  |  |                  |
|  |  |  |                  |
|  |  |  |                  |

| <b>Emissions Data</b>  |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.1                 | 0.01 |
| Particulate Matter (PM <sub>10</sub> )   | 0.1                 | 0.07 |
| Total Particulate Matter (TSP)   | 0.1                 | 0.14 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
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|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |  |  |                  |
|--|--|--|------------------|
| <b>Emission Unit Description</b>   |  |  |                  |
| <b>Emission unit ID number:</b><br><br>280-062S  | <b>Emission unit name:</b><br><br>CP9 Rework Transfer System | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br>CP9 Rework Transfer System (CP9 Rework Transfer System) -Vents through 280-204E |  |  |                  |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                              | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1999                        | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>10000 pph   |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>10000 pph   | <b>Maximum Annual Throughput:</b><br><br>43800 tn/yr         | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                  |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |  |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                                   | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A  | N/A  | N/A              |
|  |  |  |                  |
|  |  |  |                  |
|  |  |  |                  |

| <b><i>Emissions Data</i></b>   |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.1                 | 0.01 |
| Particulate Matter (PM <sub>10</sub> )   | 0.1                 | 0.01 |
| Total Particulate Matter (TSP)   | 0.1                 | 0.06 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
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|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>  |   |  |                  |
|---|---|--|------------------|
| <b>Emission Unit Description</b>  |   |  |                  |
| <b>Emission unit ID number:</b><br><br>280-072S   | <b>Emission unit name:</b><br><br>CP7 Cooler Screener | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br>CP7 Cooler Screener (CP7 Cooler Screener (2004-0700-09)) -Vents through 280-109E |   |  |                  |
| <b>Manufacturer:</b><br>THE WITTE CO  | <b>Model number:</b><br>4748-D-HC-3.5                 | <b>Serial number:</b><br>4193-1  |                  |
| <b>Construction date:</b><br>N/A  | <b>Installation date:</b><br>1985                     | <b>Modification date(s):</b><br>9/18/1954  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>7250 pph   |   |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>7250 pph   | <b>Maximum Annual Throughput:</b><br><br>31755 tn/yr  | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>   |   |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |   | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A   |   | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                   |   |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>  |   |  |                  |
| <b>Fuel Type</b>  | <b>Max. Sulfur Content</b>                            | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A   | N/A   | N/A  | N/A              |
|   |   |  |                  |
|   |   |  |                  |
|   |   |  |                  |

| <b><i>Emissions Data</i></b>   |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.1                 | 0.14 |
| Particulate Matter (PM <sub>10</sub> )   | 0.1                 | 0.32 |
| Total Particulate Matter (TSP)   | 1.5                 | 6.36 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
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|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |  |  |                  |
|--|--|--|------------------|
| <b>Emission Unit Description</b>   |  |  |                  |
| <b>Emission unit ID number:</b><br><br>280-072S  | <b>Emission unit name:</b><br><br>CP7 Cutter         | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br>Conveying system for CP7 finished product silos (CP7 Cutter (2004-0700-07)) -Vents through 280-063E |  |  |                  |
| <b>Manufacturer:</b><br>AUTOMATIK  | <b>Model number:</b><br>ATG-600                      | <b>Serial number:</b><br>30-328-618  |                  |
| <b>Construction date:</b><br>N/A   | <b>Installation date:</b><br>1985                    | <b>Modification date(s):</b><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>7250 pph  |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>7250 pph  | <b>Maximum Annual Throughput:</b><br><br>31755 tn/yr | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                                      |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |  |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                           | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A  | N/A  | N/A              |
|  |  |  |                  |
|  |  |  |                  |
|  |  |  |                  |

| <b><i>Emissions Data</i></b>   |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.1                 | 0.01 |
| Particulate Matter (PM <sub>10</sub> )   | 0.1                 | 0.01 |
| Total Particulate Matter (TSP)   | 0.1                 | 0.01 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
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|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>  |  |  |                  |
|---|--|--|------------------|
| <b>Emission Unit Description</b>  |  |  |                  |
| <b>Emission unit ID number:</b><br><br>280-072S   | <b>Emission unit name:</b><br><br>CP7 Cutter         | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br>CP7 Cutter Conveyor System (CP7 Cutter (2004-0700-07)) -Vents through 280-072E |  |  |                  |
| <b>Manufacturer:</b><br>AUTOMATIK   | <b>Model number:</b><br>ATG-600                      | <b>Serial number:</b><br>30-328-618  |                  |
| <b>Construction date:</b><br>N/A  | <b>Installation date:</b><br>1985                    | <b>Modification date(s):</b><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>50000 pph  |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>7250 pph   | <b>Maximum Annual Throughput:</b><br><br>31755 tn/yr | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>   |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A   |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                 |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>  |  |  |                  |
| <b>Fuel Type</b>  | <b>Max. Sulfur Content</b>                           | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A   | N/A  | N/A  | N/A              |
|   |  |  |                  |
|   |  |  |                  |
|   |  |  |                  |

| <b><i>Emissions Data</i></b>   |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.1                 | 0.03 |
| Particulate Matter (PM <sub>10</sub> )   | 0.1                 | 0.29 |
| Total Particulate Matter (TSP)   | 0.1                 | 9.2  |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
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|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |  |  |                  |
|--|--|--|------------------|
| <b>Emission Unit Description</b>   |  |  |                  |
| <b>Emission unit ID number:</b><br><br>280-072S  | <b>Emission unit name:</b><br><br>CP7 Cutter         | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br>CP7 Rework Transfer System (7/8 General Dust Collector) -Vents through 280-138E |  |  |                  |
| <b>Manufacturer:</b><br>AUTOMATIK  | <b>Model number:</b><br>ATG-600                      | <b>Serial number:</b><br>30-328-618  |                  |
| <b>Construction date:</b><br>N/A   | <b>Installation date:</b><br>1985                    | <b>Modification date(s):</b><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>7250 pph  |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>7250 pph  | <b>Maximum Annual Throughput:</b><br><br>31755 tn/yr | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                  |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |  |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                           | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A  | N/A  | N/A              |
|  |  |  |                  |
|  |  |  |                  |
|  |  |  |                  |

| <b>Emissions Data</b>  |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.1                 | 0.01 |
| Particulate Matter (PM <sub>10</sub> )   | 0.1                 | 0.01 |
| Total Particulate Matter (TSP)   | 0.1                 | 0.04 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
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|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>  |   |  |                  |
|---|---|--|------------------|
| <b><i>Emission Unit Description</i></b>   |   |  |                  |
| <b>Emission unit ID number:</b><br><br>280-073S   | <b>Emission unit name:</b><br><br>CP8 Whitlock Hopper | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>CP8 Whitlock Hopper Vent (CP8 Whitlock Hopper) -Vents through 280-073E |   |  |                  |
| <b>Manufacturer:</b><br><br>Whitlock  | <b>Model number:</b><br><br>N/A                       | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A  | <b>Installation date:</b><br><br>1985                 | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>7250 pph   |   |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>7250 pph   | <b>Maximum Annual Throughput:</b><br><br>31755 tn/yr  | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>   |   |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |   | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A   |   | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>             |   |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>  |   |  |                  |
| <b>Fuel Type</b>  | <b>Max. Sulfur Content</b>                            | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A   | N/A   | N/A  | N/A              |
|   |   |  |                  |
|   |   |  |                  |
|   |   |  |                  |

| <b><i>Emissions Data</i></b>   |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.1                 | 0.02 |
| Particulate Matter (PM <sub>10</sub> )   | 0.3                 | 0.2  |
| Total Particulate Matter (TSP)   | 1.5                 | 0.89 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
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|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |  |  |                  |
|--|--|--|------------------|
| <b>Emission Unit Description</b>   |  |  |                  |
| <b>Emission unit ID number:</b><br><br>280-112S  | <b>Emission unit name:</b><br><br>CP7 B1 Hopper      | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>CP7 B1 Hopper Dust Ventilation (CP7 B1 Hopper ) -Vents through 280-112E |  |  |                  |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                      | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1985                | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>7250 pph  |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>7250 pph  | <b>Maximum Annual Throughput:</b><br><br>31755 tn/yr | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>              |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |  |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                           | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A  | N/A  | N/A              |
|  |  |  |                  |
|  |  |  |                  |
|  |  |  |                  |

| <b>Emissions Data</b>  |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.1                 | 0.01 |
| Particulate Matter (PM <sub>10</sub> )   | 0.1                 | 0.01 |
| Total Particulate Matter (TSP)   | 0.1                 | 0.01 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
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|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>  |  |  |                  |
|---|--|--|------------------|
| <b>Emission Unit Description</b>  |  |  |                  |
| <b>Emission unit ID number:</b><br><br>280-131S   | <b>Emission unit name:</b><br><br>CP8 Cutter         | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br>CP8 Cutter Conveyor System (CP8 Cutter (2005-0800-0007)) -Vents through 280-131E |  |  |                  |
| <b>Manufacturer:</b><br>AUTOMATIK   | <b>Model number:</b><br>ATG300                       | <b>Serial number:</b><br>30-328-619  |                  |
| <b>Construction date:</b><br>N/A  | <b>Installation date:</b><br>1985                    | <b>Modification date(s):</b><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>7250 pph   |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>7250 pph   | <b>Maximum Annual Throughput:</b><br><br>31755 tn/yr | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>   |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A   |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                   |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>  |  |  |                  |
| <b>Fuel Type</b>  | <b>Max. Sulfur Content</b>                           | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A   | N/A  | N/A  | N/A              |
|   |  |  |                  |
|   |  |  |                  |
|   |  |  |                  |

| <b>Emissions Data</b>  |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.1                 | 0.01 |
| Particulate Matter (PM <sub>10</sub> )   | 0.1                 | 0.01 |
| Total Particulate Matter (TSP)   | 0.1                 | 0.01 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
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|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |  |  |                  |
|--|--|--|------------------|
| <b>Emission Unit Description</b>   |  |  |                  |
| <b>Emission unit ID number:</b><br><br>280-131S  | <b>Emission unit name:</b><br><br>CP8 Cutter         | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br>CP8 FP Conveying System (CP8 Cutter (2005-0800-0007)) -Vents through 280-133E |  |  |                  |
| <b>Manufacturer:</b><br>AUTOMATIK  | <b>Model number:</b><br>ATG300                       | <b>Serial number:</b><br>30-328-619  |                  |
| <b>Construction date:</b><br>N/A   | <b>Installation date:</b><br>1985                    | <b>Modification date(s):</b><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>7250 pph  |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>7250 pph  | <b>Maximum Annual Throughput:</b><br><br>31755 tn/yr | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |  |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                           | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A  | N/A  | N/A              |
|  |  |  |                  |
|  |  |  |                  |
|  |  |  |                  |

| <b>Emissions Data</b>  |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.1                 | 0.01 |
| Particulate Matter (PM <sub>10</sub> )   | 0.1                 | 0.01 |
| Total Particulate Matter (TSP)   | 0.1                 | 0.01 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
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|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>  |   |  |                  |
|---|---|--|------------------|
| <b>Emission Unit Description</b>  |   |  |                  |
| <b>Emission unit ID number:</b><br><br>280-131S   | <b>Emission unit name:</b><br><br>CP8 Cooler Screener | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br>CP8 Cooler Screener (CP8 Cooler Screener (2005-0800-09)) -Vents through 280-137E |   |  |                  |
| <b>Manufacturer:</b><br>THE WITTE CO  | <b>Model number:</b><br>4748-D-HC-3.5                 | <b>Serial number:</b><br>4193-1  |                  |
| <b>Construction date:</b><br>N/A  | <b>Installation date:</b><br>1985                     | <b>Modification date(s):</b><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>7250 pph   |   |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>7250 pph   | <b>Maximum Annual Throughput:</b><br><br>31755 tn/yr  | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>   |   |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |   | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A   |   | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                   |   |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>  |   |  |                  |
| <b>Fuel Type</b>  | <b>Max. Sulfur Content</b>                            | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A   | N/A   | N/A  | N/A              |
|   |   |  |                  |
|   |   |  |                  |
|   |   |  |                  |

| <b>Emissions Data</b>  |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.1                 | 0.14 |
| Particulate Matter (PM <sub>10</sub> )   | 0.1                 | 3.24 |
| Total Particulate Matter (TSP)   | 0.1                 | 6.36 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
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|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>  |   |  |                  |
|---|---|--|------------------|
| <b>Emission Unit Description</b>  |   |  |                  |
| <b>Emission unit ID number:</b><br><br>280-170S   | <b>Emission unit name:</b><br><br>CP9 Main Flake CPS Bin Vent | <b>List any control devices associated with this emission unit:</b><br><br>280-170C                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>Bulk Transfer System (CP9 Main Flake CPS Bin Vent) -Vents through 280-170E |   |  |                  |
| <b>Manufacturer:</b><br><br>75  | <b>Model number:</b><br><br>721                               | <b>Serial number:</b><br><br>61.23142251   |                  |
| <b>Construction date:</b><br><br>N/A  | <b>Installation date:</b><br><br>1999                         | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>50000 pph  |   |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>pph  | <b>Maximum Annual Throughput:</b><br><br>tn/yr                | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>   |   |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |   | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A   |   | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                 |   |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>  |   |  |                  |
| <b>Fuel Type</b>  | <b>Max. Sulfur Content</b>                                    | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A   | N/A   | N/A  | N/A              |
|   |   |  |                  |
|   |   |  |                  |
|   |   |  |                  |

| <b>Emissions Data</b>  |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.1                 | 0.01 |
| Particulate Matter (PM <sub>10</sub> )   | 0.1                 | 0.01 |
| Total Particulate Matter (TSP)   | 0.1                 | 0.01 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
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|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |  |  |                  |
|--|--|--|------------------|
| <b>Emission Unit Description</b>   |  |  |                  |
| <b>Emission unit ID number:</b><br><br>280-174S  | <b>Emission unit name:</b><br><br>CP9 Additive Feed Station System | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>CP9 Additive Feed Station System (CP9 Colortronics) -Vents through 280-174E |  |  |                  |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                                    | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>2003                              | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>10000 pph   |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>10000 pph   | <b>Maximum Annual Throughput:</b><br><br>43800 tn/yr               | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                  |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |  |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>   | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A  | N/A  | N/A              |
|  |  |  |                  |
|  |  |  |                  |
|  |  |  |                  |

| <b>Emissions Data</b>  |                     |       |
|--|---------------------|-------|
| Criteria Pollutants  | Potential Emissions |       |
|  | PPH                 | TPY   |
| Carbon Monoxide (CO)   |                     |       |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |       |
| Lead (Pb)  |                     |       |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.1                 | 0.29  |
| Particulate Matter (PM <sub>10</sub> )   | 0.6                 | 2.63  |
| Total Particulate Matter (TSP)   | 3                   | 13.14 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |       |
| Volatile Organic Compounds (VOC)   |                     |       |
| Hazardous Air Pollutants   | Potential Emissions |       |
|  | PPH                 | TPY   |
| Total Haps   | 0.03                | 0.040 |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |       |
|  | PPH                 | TPY   |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |       |
| Engineering Estimate   |                     |       |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>  |  |  |                  |
|---|--|--|------------------|
| <b>Emission Unit Description</b>  |  |  |                  |
| <b>Emission unit ID number:</b><br><br>280-175S   | <b>Emission unit name:</b><br><br>CP9 Glass Hopper | <b>List any control devices associated with this emission unit:</b><br><br>280-175C                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>CP9 Glass Feed System (CP9 Glass Hopper) -Vents through 280-175E |  |  |                  |
| <b>Manufacturer:</b><br><br>N/A   | <b>Model number:</b><br><br>N/A                    | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A  | <b>Installation date:</b><br><br>2003              | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>10000 pph  |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>pph  | <b>Maximum Annual Throughput:</b><br><br>tn/yr     | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>   |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A   |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>       |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>  |  |  |                  |
| <b>Fuel Type</b>  | <b>Max. Sulfur Content</b>                         | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A   | N/A  | N/A  | N/A              |
|   |  |  |                  |
|   |  |  |                  |
|   |  |  |                  |

| <b>Emissions Data</b>  |                     |       |
|--|---------------------|-------|
| Criteria Pollutants  | Potential Emissions |       |
|  | PPH                 | TPY   |
| Carbon Monoxide (CO)   |                     |       |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |       |
| Lead (Pb)  |                     |       |
| Particulate Matter (PM <sub>2.5</sub> )  | 9                   | 19.71 |
| Particulate Matter (PM <sub>10</sub> )   | 9                   | 19.71 |
| Total Particulate Matter (TSP)   | 9                   | 19.71 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |       |
| Volatile Organic Compounds (VOC)   |                     |       |
| Hazardous Air Pollutants   | Potential Emissions |       |
|  | PPH                 | TPY   |
|  |                     |       |
|  |                     |       |
|  |                     |       |
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|  |                     |       |
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|  |                     |       |
|  |                     |       |
|  |                     |       |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |       |
|  | PPH                 | TPY   |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |       |
| Engineering Estimate   |                     |       |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |  |  |                  |
|--|--|--|------------------|
| <b>Emission Unit Description</b>   |  |  |                  |
| <b>Emission unit ID number:</b><br><br>280-180S  | <b>Emission unit name:</b><br><br>CP7 Additive Feed Station System | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>CP7 Additive Feed Station System (CP7 Colortronics) -Vents through 280-180E |  |  |                  |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                                    | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1999                              | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>7250 pph  |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>pph   | <b>Maximum Annual Throughput:</b><br><br>tn/yr                     | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                  |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |  |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>   | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A  | N/A  | N/A              |
|  |  |  |                  |
|  |  |  |                  |
|  |  |  |                  |

| <b>Emissions Data</b>  |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.1                 | 0.01 |
| Particulate Matter (PM <sub>10</sub> )   | 0.1                 | 0.01 |
| Total Particulate Matter (TSP)   | 0.1                 | 0.03 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
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|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |  |  |                  |
|--|--|--|------------------|
| <b>Emission Unit Description</b>   |  |  |                  |
| <b>Emission unit ID number:</b><br><br>280-181S  | <b>Emission unit name:</b><br><br>CP8 Additive Feed Station System | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>CP8 Additive Feed Station System (CP8 Colortronics) -Vents through 280-181E |  |  |                  |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                                    | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1985                              | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>7250 pph  |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>7250 pph  | <b>Maximum Annual Throughput:</b><br><br>31755 tn/yr               | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                  |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |  |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>   | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A  | N/A  | N/A              |
|  |  |  |                  |
|  |  |  |                  |
|  |  |  |                  |

| <b>Emissions Data</b>  |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.2                 | 0.2  |
| Particulate Matter (PM <sub>10</sub> )   | 1.2                 | 1.74 |
| Total Particulate Matter (TSP)   | 6                   | 8.68 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
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|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |  |  |                  |
|--|--|--|------------------|
| <b>Emission Unit Description</b>   |  |  |                  |
| <b>Emission unit ID number:</b><br><br>280-182S  | <b>Emission unit name:</b><br><br>CP7 Glass Hopper   | <b>List any control devices associated with this emission unit:</b><br><br>280-182C                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>CP7 Glass Feed System (CP7 Glass Hopper ) -Vents through 280-182E |  |  |                  |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                      | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1985                | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>3700 pph  |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>20000 pph   | <b>Maximum Annual Throughput:</b><br><br>28908 tn/yr | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>        |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |  |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                           | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A  | N/A  | N/A              |
|  |  |  |                  |
|  |  |  |                  |
|  |  |  |                  |

| <b><i>Emissions Data</i></b>   |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.2                 | 0.44 |
| Particulate Matter (PM <sub>10</sub> )   | 2                   | 4.38 |
| Total Particulate Matter (TSP)   | 10                  | 21.9 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |  |  |                  |
|--|--|--|------------------|
| <b>Emission Unit Description</b>   |  |  |                  |
| <b>Emission unit ID number:</b><br><br>280-183S  | <b>Emission unit name:</b><br><br>CP8 Glass Hopper   | <b>List any control devices associated with this emission unit:</b><br><br>280-183C                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>CP8 Glass Feed System (CP8 Glass Hopper ) -Vents through 280-183E |  |  |                  |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                      | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1987                | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>20000 pph   |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>20000 pph   | <b>Maximum Annual Throughput:</b><br><br>28908 tn/yr | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>        |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |  |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                           | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A  | N/A  | N/A              |
|  |  |  |                  |
|  |  |  |                  |
|  |  |  |                  |

| <b>Emissions Data</b>  |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.2                 | 0.44 |
| Particulate Matter (PM <sub>10</sub> )   | 2                   | 4.38 |
| Total Particulate Matter (TSP)   | 10                  | 21.9 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
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|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |   |  |                  |
|--|---|--|------------------|
| <b>Emission Unit Description</b>   |   |  |                  |
| <b>Emission unit ID number:</b><br><br>280-185S  | <b>Emission unit name:</b><br><br>FFS Transfer System | <b>List any control devices associated with this emission unit:</b><br><br>280-185C                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>FFS Transfer System (FFS Transfer System) -Vents through 280-185E     |   |  |                  |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                       | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>N/A                  | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>  |   |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>  | <b>Maximum Annual Throughput:</b><br><br>             | <b>Maximum Operating Schedule:</b><br><br>   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |   |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |   | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>   |   | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b><br><br>N/A |   |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |   |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                            | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A   | N/A  | N/A              |
|  |   |  |                  |
|  |   |  |                  |
|  |   |  |                  |

| <b><i>Emissions Data</i></b>   |                     |     |
|--|---------------------|-----|
| Criteria Pollutants  | Potential Emissions |     |
|  | PPH                 | TPY |
| Carbon Monoxide (CO)   |                     |     |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |     |
| Lead (Pb)  |                     |     |
| Particulate Matter (PM <sub>2.5</sub> )  |                     |     |
| Particulate Matter (PM <sub>10</sub> )   |                     |     |
| Total Particulate Matter (TSP)   |                     |     |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |     |
| Volatile Organic Compounds (VOC)   |                     |     |
| Hazardous Air Pollutants   | Potential Emissions |     |
|  | PPH                 | TPY |
|  |                     |     |
|  |                     |     |
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|  |                     |     |
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|  |                     |     |
|  |                     |     |
|  |                     |     |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |     |
|  | PPH                 | TPY |
|  |                     |     |
|  |                     |     |
|  |                     |     |
|  |                     |     |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |     |
| Engineering Estimate   |                     |     |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244J

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>  |   |  |                  |
|---|---|--|------------------|
| <b>Emission Unit Description</b>  |   |  |                  |
| <b>Emission unit ID number:</b><br><br>280-186S   | <b>Emission unit name:</b><br><br>CP6 Additive Drum Station | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>CP6 Additive Drum Station Exhaust (CP6 Additive Drum Station ) -Vents through 280-186E |   |  |                  |
| <b>Manufacturer:</b><br><br>N/A   | <b>Model number:</b><br><br>N/A                             | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A  | <b>Installation date:</b><br><br>1987                       | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>10500 pph  |   |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>pph  | <b>Maximum Annual Throughput:</b><br><br>tn/yr              | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>   |   |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |   | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A   |   | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                             |   |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>  |   |  |                  |
| <b>Fuel Type</b>  | <b>Max. Sulfur Content</b>                                  | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A   | N/A   | N/A  | N/A              |
|   |   |  |                  |
|   |   |  |                  |
|   |   |  |                  |

| <b>Emissions Data</b>  |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.1                 | 0.01 |
| Particulate Matter (PM <sub>10</sub> )   | 0.1                 | 0.02 |
| Total Particulate Matter (TSP)   | 0.1                 | 0.06 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
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|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |  |  |                  |
|--|--|--|------------------|
| <b>Emission Unit Description</b>   |  |  |                  |
| <b>Emission unit ID number:</b><br><br>280-190S  | <b>Emission unit name:</b><br><br>Silos #5-8 Bulk Conveyor | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br>Silos #5-8 Bulk Conveyor (Silos #5-8 Bulk Conveyor) -Vents through 280-190E |  |  |                  |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                            | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1989                      | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>50000 pph   |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>50000 pph   | <b>Maximum Annual Throughput:</b><br><br>109500 tn/yr      | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>              |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |  |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                                 | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A  | N/A  | N/A              |
|  |  |  |                  |
|  |  |  |                  |
|  |  |  |                  |

| <b><i>Emissions Data</i></b>   |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.1                 | 0.01 |
| Particulate Matter (PM <sub>10</sub> )   | 0.1                 | 0.02 |
| Total Particulate Matter (TSP)   | 0.2                 | 0.33 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
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|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |  |  |                  |
|--|--|--|------------------|
| <b>Emission Unit Description</b>   |  |  |                  |
| <b>Emission unit ID number:</b><br><br>280-191S  | <b>Emission unit name:</b><br><br>CP8 Cutter   | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br>CP8 Rework Transfer System (7/8 General Dust Collector) -Vents through 280-138E |  |  |                  |
| <b>Manufacturer:</b><br>AUTOMATIK  | <b>Model number:</b><br>ATG300                 | <b>Serial number:</b><br>30-328-619  |                  |
| <b>Construction date:</b><br>N/A   | <b>Installation date:</b><br>1985              | <b>Modification date(s):</b><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>20000 pph   |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>pph   | <b>Maximum Annual Throughput:</b><br><br>tn/yr | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                  |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |  |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                     | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A  | N/A  | N/A              |
|  |  |  |                  |
|  |  |  |                  |
|  |  |  |                  |

| <b><i>Emissions Data</i></b>   |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.1                 | 0.01 |
| Particulate Matter (PM <sub>10</sub> )   | 0.1                 | 0.01 |
| Total Particulate Matter (TSP)   | 0.1                 | 0.04 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
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|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |   |  |                  |
|--|---|--|------------------|
| <b>Emission Unit Description</b>   |   |  |                  |
| <b>Emission unit ID number:</b><br><br>280-194S  | <b>Emission unit name:</b><br><br>Collector 34        | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>100 Area Box Feed Blending Transfer System (Collector 34) -Vents through 280-194E |   |  |                  |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                       | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1985                 | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>50000 pph   |   |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>50000 pph   | <b>Maximum Annual Throughput:</b><br><br>109500 tn/yr | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |   |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |   | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |   | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                        |   |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |   |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                            | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A   | N/A  | N/A              |
|  |   |  |                  |
|  |   |  |                  |
|  |   |  |                  |

| <b><i>Emissions Data</i></b>   |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.1                 | 0.01 |
| Particulate Matter (PM <sub>10</sub> )   | 0.1                 | 0.02 |
| Total Particulate Matter (TSP)   | 0.2                 | 0.33 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
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|  |                     |      |
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|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>  |   |  |                  |
|---|---|--|------------------|
| <b>Emission Unit Description</b>  |   |  |                  |
| <b>Emission unit ID number:</b><br><br>280-197S   | <b>Emission unit name:</b><br><br>CP7 Main Flake Hopper | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>CP7 Main Flake Hopper Ventilation (7/8 General Dust Collector) -Vents through 280-138E |   |  |                  |
| <b>Manufacturer:</b><br><br>N/A   | <b>Model number:</b><br><br>N/A                         | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A  | <b>Installation date:</b><br><br>1985                   | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>7250 pph   |   |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>pph  | <b>Maximum Annual Throughput:</b><br><br>tn/yr          | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>   |   |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |   | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A   |   | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                             |   |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>  |   |  |                  |
| <b>Fuel Type</b>  | <b>Max. Sulfur Content</b>                              | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A   | N/A   | N/A  | N/A              |
|   |   |  |                  |
|   |   |  |                  |
|   |   |  |                  |

| <b>Emissions Data</b>  |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.1                 | 0.01 |
| Particulate Matter (PM <sub>10</sub> )   | 0.1                 | 0.03 |
| Total Particulate Matter (TSP)   | 1                   | 0.4  |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
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|  |                     |      |
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|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>  |   |  |                  |
|---|---|--|------------------|
| <b>Emission Unit Description</b>  |   |  |                  |
| <b>Emission unit ID number:</b><br><br>280-198S   | <b>Emission unit name:</b><br><br>CP8 Main Flake Hopper | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>CP8 Main Flake Hopper Ventilation (7/8 General Dust Collector) -Vents through 280-138E |   |  |                  |
| <b>Manufacturer:</b><br><br>N/A   | <b>Model number:</b><br><br>N/A                         | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A  | <b>Installation date:</b><br><br>1985                   | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>7250 pph   |   |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>pph  | <b>Maximum Annual Throughput:</b><br><br>tn/yr          | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>   |   |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |   | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A   |   | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                             |   |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>  |   |  |                  |
| <b>Fuel Type</b>  | <b>Max. Sulfur Content</b>                              | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A   | N/A   | N/A  | N/A              |
|   |   |  |                  |
|   |   |  |                  |
|   |   |  |                  |

| <b>Emissions Data</b>  |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.1                 | 0.01 |
| Particulate Matter (PM <sub>10</sub> )   | 0.1                 | 0.03 |
| Total Particulate Matter (TSP)   | 1                   | 0.4  |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
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|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |  |  |                  |
|--|--|--|------------------|
| <b>Emission Unit Description</b>   |  |  |                  |
| <b>Emission unit ID number:</b><br><br>280-201S  | <b>Emission unit name:</b><br><br>CP6 Feed Hoppers   | <b>List any control devices associated with this emission unit:</b><br><br>280-201C                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>CP6 Feed Hoppers Ventilation (CP6 Feed Hoppers) -Vents through 280-201E |  |  |                  |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                      | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>2003                | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>10500 pph   |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>10500 pph   | <b>Maximum Annual Throughput:</b><br><br>45990 tn/yr | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>              |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |  |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                           | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A  | N/A  | N/A              |
|  |  |  |                  |
|  |  |  |                  |
|  |  |  |                  |

| <b>Emissions Data</b>  |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.1                 | 0.19 |
| Particulate Matter (PM <sub>10</sub> )   | 0.7                 | 1.84 |
| Total Particulate Matter (TSP)   | 3.2                 | 9.2  |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
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|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |  |  |                  |
|--|--|--|------------------|
| <b>Emission Unit Description</b>   |  |  |                  |
| <b>Emission unit ID number:</b><br><br>280-202S  | <b>Emission unit name:</b><br><br>CP6 Vacuum Loaders | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>CP6 Vacuum Loaders (CP6 Vacuum Loaders) -Vents through 280-202E |  |  |                  |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                      | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>2003                | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>30000 pph   |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>10500 pph   | <b>Maximum Annual Throughput:</b><br><br>45990 tn/yr | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>      |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |  |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                           | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A  | N/A  | N/A              |
|  |  |  |                  |
|  |  |  |                  |
|  |  |  |                  |

| <b><i>Emissions Data</i></b>   |                     |       |
|--|---------------------|-------|
| Criteria Pollutants  | Potential Emissions |       |
|  | PPH                 | TPY   |
| Carbon Monoxide (CO)   |                     |       |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |       |
| Lead (Pb)  |                     |       |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.2                 | 0.3   |
| Particulate Matter (PM <sub>10</sub> )   | 1.8                 | 3     |
| Total Particulate Matter (TSP)   | 9                   | 14.98 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |       |
| Volatile Organic Compounds (VOC)   |                     |       |
| Hazardous Air Pollutants   | Potential Emissions |       |
|  | PPH                 | TPY   |
|  |                     |       |
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|  |                     |       |
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| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |       |
|  | PPH                 | TPY   |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |       |
| Engineering Estimate   |                     |       |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |   |  |                  |
|--|---|--|------------------|
| <b>Emission Unit Description</b>   |   |  |                  |
| <b>Emission unit ID number:</b><br><br>280-205S  | <b>Emission unit name:</b><br><br>CP8 Auxillary Feed Hopper | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br>CP8 Auxillary Feed Transfer (CP8 Auxillary Feed Hopper) -Vents through 280-205E |   |  |                  |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                             | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1985                       | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>7250 pph  |   |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>7250 pph  | <b>Maximum Annual Throughput:</b><br><br>31755 tn/yr        | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |   |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |   | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |   | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                  |   |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |   |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                                  | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A   | N/A  | N/A              |
|  |   |  |                  |
|  |   |  |                  |
|  |   |  |                  |

| <b><i>Emissions Data</i></b>   |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.1                 | 0.02 |
| Particulate Matter (PM <sub>10</sub> )   | 0.1                 | 0.12 |
| Total Particulate Matter (TSP)   | 0.4                 | 0.58 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |   |  |                  |
|--|---|--|------------------|
| <b>Emission Unit Description</b>   |   |  |                  |
| <b>Emission unit ID number:</b><br><br>280-CP6   | <b>Emission unit name:</b><br><br>CP6 Extruder Vacuum | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>CP6 Vacuum Pot Ventilation (CP6 Extruder (2001-7001-0001)) -Vents through 280-125AE |   |  |                  |
| <b>Manufacturer:</b><br><br>WP   | <b>Model number:</b><br><br>ZSK-83                    | <b>Serial number:</b><br><br>123696  |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>2003                 | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>10500 pph   |   |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>10500 pph   | <b>Maximum Annual Throughput:</b><br><br>45990 tn/yr  | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |   |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |   | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |   | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                          |   |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |   |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                            | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A   | N/A  | N/A              |
|  |   |  |                  |
|  |   |  |                  |
|  |   |  |                  |

| <b>Emissions Data</b>  |                     |       |
|--|---------------------|-------|
| Criteria Pollutants  | Potential Emissions |       |
|  | PPH                 | TPY   |
| Carbon Monoxide (CO)   | 0.1                 | 0.19  |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |       |
| Lead (Pb)  |                     |       |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.1                 | 0.01  |
| Particulate Matter (PM <sub>10</sub> )   | 0.1                 | 0.01  |
| Total Particulate Matter (TSP)   | 0.1                 | 0.01  |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |       |
| Volatile Organic Compounds (VOC)   | 0.2                 | 0.51  |
| Hazardous Air Pollutants   | Potential Emissions |       |
|  | PPH                 | TPY   |
| Total Haps   | 0.01                | 0.002 |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |       |
|  | PPH                 | TPY   |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |       |
| Engineering Estimate   |                     |       |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>  |  |  |                  |
|---|--|--|------------------|
| <b>Emission Unit Description</b>  |  |  |                  |
| <b>Emission unit ID number:</b><br><br>280-CP6  | <b>Emission unit name:</b><br><br>CP6 B1 Hopper      | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>Vent for CP6 B1 Hopper (CP6 B1 Hopper) -Vents through 280-074E |  |  |                  |
| <b>Manufacturer:</b><br><br>N/A   | <b>Model number:</b><br><br>N/A                      | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A  | <b>Installation date:</b><br><br>2005                | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>10500 pph  |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>10500 pph  | <b>Maximum Annual Throughput:</b><br><br>45990 tn/yr | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>   |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A   |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>     |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>  |  |  |                  |
| <b>Fuel Type</b>  | <b>Max. Sulfur Content</b>                           | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A   | N/A  | N/A  | N/A              |
|   |  |  |                  |
|   |  |  |                  |
|   |  |  |                  |

| <b><i>Emissions Data</i></b>   |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.1                 | 0.19 |
| Particulate Matter (PM <sub>10</sub> )   | 0.5                 | 2.03 |
| Total Particulate Matter (TSP)   | 2.1                 | 9.2  |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>  |  |  |                  |
|---|--|--|------------------|
| <b>Emission Unit Description</b>  |  |  |                  |
| <b>Emission unit ID number:</b><br><br>280-CP6  | <b>Emission unit name:</b><br><br>CP6 Extruder Die   | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br>CP6 Extruder Die Exhaust (CP6 Extruder (2001-7001-0001)) -Vents through 280-160E |  |  |                  |
| <b>Manufacturer:</b><br><br>WP  | <b>Model number:</b><br><br>ZSK-83                   | <b>Serial number:</b><br><br>123696  |                  |
| <b>Construction date:</b><br><br>N/A  | <b>Installation date:</b><br><br>2003                | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>10500 pph  |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>10500 pph  | <b>Maximum Annual Throughput:</b><br><br>45990 tn/yr | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>   |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A   |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                   |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>  |  |  |                  |
| <b>Fuel Type</b>  | <b>Max. Sulfur Content</b>                           | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A   | N/A  | N/A  | N/A              |
|   |  |  |                  |
|   |  |  |                  |
|   |  |  |                  |

| <b><i>Emissions Data</i></b>   |                     |       |
|--|---------------------|-------|
| Criteria Pollutants  | Potential Emissions |       |
|  | PPH                 | TPY   |
| Carbon Monoxide (CO)   | 0.1                 | 0.19  |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |       |
| Lead (Pb)  |                     |       |
| Particulate Matter (PM <sub>2.5</sub> )  | 1.4                 | 6.12  |
| Particulate Matter (PM <sub>10</sub> )   | 1.4                 | 6.12  |
| Total Particulate Matter (TSP)   | 1.4                 | 6.12  |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |       |
| Volatile Organic Compounds (VOC)   | 0.2                 | 0.51  |
| Hazardous Air Pollutants   | Potential Emissions |       |
|  | PPH                 | TPY   |
| Total Haps   | 0.01                | 0.002 |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |       |
|  | PPH                 | TPY   |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |       |
| Engineering Estimate   |                     |       |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>  |  |  |                  |
|---|--|--|------------------|
| <b>Emission Unit Description</b>  |  |  |                  |
| <b>Emission unit ID number:</b><br><br>280-CP6  | <b>Emission unit name:</b><br><br>CP6 Extruder Side feed | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br>CP6 Area Ventilation (CP6 Extruder (2001-7001-0001)) -Vents through 280-195E |  |  |                  |
| <b>Manufacturer:</b><br><br>N/A   | <b>Model number:</b><br><br>N/A                          | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A  | <b>Installation date:</b><br><br>2005                    | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>10500 pph  |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>10500 pph  | <b>Maximum Annual Throughput:</b><br><br>45990 tn/yr     | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>   |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A   |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>               |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>  |  |  |                  |
| <b>Fuel Type</b>  | <b>Max. Sulfur Content</b>                               | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A   | N/A  | N/A  | N/A              |
|   |  |  |                  |
|   |  |  |                  |
|   |  |  |                  |

| <b>Emissions Data</b>  |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.1                 | 0.19 |
| Particulate Matter (PM <sub>10</sub> )   | 0.5                 | 1.84 |
| Total Particulate Matter (TSP)   | 2.1                 | 9.2  |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
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|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |  |  |                  |
|--|--|--|------------------|
| <b>Emission Unit Description</b>   |  |  |                  |
| <b>Emission unit ID number:</b><br><br>280-CP6   | <b>Emission unit name:</b><br><br>CP6 Cooler/Screenner Pull Blower | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>CP6 Cooler/Screenner Exhaust (CP6 Cooler/Screenner (2001-6002-5)) -Vents through 280-203E |  |  |                  |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                                    | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>2003                              | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>10500 pph   |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>10500 pph   | <b>Maximum Annual Throughput:</b><br><br>45990 tn/yr               | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                                |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |  |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>   | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A  | N/A  | N/A              |
|  |  |  |                  |
|  |  |  |                  |
|  |  |  |                  |

| <b><i>Emissions Data</i></b>   |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.1                 | 0.02 |
| Particulate Matter (PM <sub>10</sub> )   | 0.1                 | 0.15 |
| Total Particulate Matter (TSP)   | 0.2                 | 0.74 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
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|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>  |   |  |                  |
|---|---|--|------------------|
| <b>Emission Unit Description</b>  |   |  |                  |
| <b>Emission unit ID number:</b><br><br>280-CP7  | <b>Emission unit name:</b><br><br>CP7 Extruder Die Exhaust - 280-140E | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>CP7 Extruder Die Exhaust (CP7 Extruder (2004-0700-05-1)) -Vents through 280-140E |   |  |                  |
| <b>Manufacturer:</b><br><br>WP  | <b>Model number:</b><br><br>ZSK 120                                   | <b>Serial number:</b><br><br>177-604-024-1-1   |                  |
| <b>Construction date:</b><br><br>N/A  | <b>Installation date:</b><br><br>1985                                 | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>7250 pph   |   |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>7250 pph   | <b>Maximum Annual Throughput:</b><br><br>31755 tn/yr                  | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>   |   |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |   | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A   |   | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                       |   |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>  |   |  |                  |
| <b>Fuel Type</b>  | <b>Max. Sulfur Content</b>  | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A   | N/A   | N/A  | N/A              |
|   |   |  |                  |
|   |   |  |                  |
|   |   |  |                  |

| <b>Emissions Data</b>  |                     |       |
|--|---------------------|-------|
| Criteria Pollutants  | Potential Emissions |       |
|  | PPH                 | TPY   |
| Carbon Monoxide (CO)   | 0.1                 | 0.05  |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |       |
| Lead (Pb)  |                     |       |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.1                 | 0.32  |
| Particulate Matter (PM <sub>10</sub> )   | 0.1                 | 0.32  |
| Total Particulate Matter (TSP)   | 0.1                 | 0.32  |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |       |
| Volatile Organic Compounds (VOC)   | 0.1                 | 0.35  |
| Hazardous Air Pollutants   | Potential Emissions |       |
|  | PPH                 | TPY   |
| Total Haps   | 0.01                | 0.002 |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |       |
|  | PPH                 | TPY   |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |       |
| Engineering Estimate   |                     |       |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 22441

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |  |  |                  |
|--|--|--|------------------|
| <b>Emission Unit Description</b>   |  |  |                  |
| <b>Emission unit ID number:</b><br><br>280-CP7   | <b>Emission unit name:</b><br><br>CP7 Vacuum System - 280-150E | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>CP7 Vacuum System (CP7 Extruder (2004-0700-05-1)) -Vents through 280-150E |  |  |                  |
| <b>Manufacturer:</b><br><br>WP   | <b>Model number:</b><br><br>ZSK 120                            | <b>Serial number:</b><br><br>177-604-024-1-1   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1985                          | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>7250 pph  |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>7250 pph  | <b>Maximum Annual Throughput:</b><br><br>31755 tn/yr           | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |  |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                                     | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A  | N/A  | N/A              |
|  |  |  |                  |
|  |  |  |                  |
|  |  |  |                  |

| <b><i>Emissions Data</i></b>   |                     |       |
|--|---------------------|-------|
| Criteria Pollutants  | Potential Emissions |       |
|  | PPH                 | TPY   |
| Carbon Monoxide (CO)   | 0.1                 | 0.14  |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |       |
| Lead (Pb)  |                     |       |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.1                 | 0.03  |
| Particulate Matter (PM <sub>10</sub> )   | 0.1                 | 0.03  |
| Total Particulate Matter (TSP)   | 0.1                 | 0.03  |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |       |
| Volatile Organic Compounds (VOC)   | 0.1                 | 0.35  |
| Hazardous Air Pollutants   | Potential Emissions |       |
|  | PPH                 | TPY   |
| Total Haps   | 0.06                | 0.253 |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |       |
|  | PPH                 | TPY   |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |       |
| Engineering Estimate   |                     |       |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 22441

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |  |  |                  |
|--|--|--|------------------|
| <b>Emission Unit Description</b>   |  |  |                  |
| <b>Emission unit ID number:</b><br><br>280-CP8   | <b>Emission unit name:</b><br><br>CP8 Extruder       | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>Ventilation for CP8 Feed Hopper (CP8 Extruder (2005-0800-05-1)) -Vents through 280-138E |  |  |                  |
| <b>Manufacturer:</b><br><br>WP   | <b>Model number:</b><br><br>ZSK 120                  | <b>Serial number:</b><br><br>1766130   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1985                | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>7250 pph  |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>7250 pph  | <b>Maximum Annual Throughput:</b><br><br>31755 tn/yr | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                              |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |  |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                           | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A  | N/A  | N/A              |
|  |  |  |                  |
|  |  |  |                  |
|  |  |  |                  |

| <b><i>Emissions Data</i></b>   |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.2                 | 0.08 |
| Particulate Matter (PM <sub>10</sub> )   | 2.2                 | 0.87 |
| Total Particulate Matter (TSP)   | 2.2                 | 3.95 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>  |  |  |                  |
|---|--|--|------------------|
| <b>Emission Unit Description</b>  |  |  |                  |
| <b>Emission unit ID number:</b><br><br>280-CP8  | <b>Emission unit name:</b><br><br>CP8 Extruder       | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>Vacuum Pot Exhaust for CP8 (CP8 Extruder (2005-0800-05-1)) -Vents through 280-070E |  |  |                  |
| <b>Manufacturer:</b><br><br>WP  | <b>Model number:</b><br><br>ZSK 120                  | <b>Serial number:</b><br><br>1766130   |                  |
| <b>Construction date:</b><br><br>N/A  | <b>Installation date:</b><br><br>1985                | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>7250 pph   |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>7250 pph   | <b>Maximum Annual Throughput:</b><br><br>31755 tn/yr | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>   |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A   |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                         |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>  |  |  |                  |
| <b>Fuel Type</b>  | <b>Max. Sulfur Content</b>                           | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A   | N/A  | N/A  | N/A              |
|   |  |  |                  |
|   |  |  |                  |
|   |  |  |                  |

| <b><i>Emissions Data</i></b>   |                     |       |
|--|---------------------|-------|
| Criteria Pollutants  | Potential Emissions |       |
|  | PPH                 | TPY   |
| Carbon Monoxide (CO)   | 0.1                 | 0.14  |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |       |
| Lead (Pb)  |                     |       |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.1                 | 0.01  |
| Particulate Matter (PM <sub>10</sub> )   | 0.1                 | 0.01  |
| Total Particulate Matter (TSP)   | 0.1                 | 0.01  |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |       |
| Volatile Organic Compounds (VOC)   | 0.1                 | 0.35  |
| Hazardous Air Pollutants   | Potential Emissions |       |
|  | PPH                 | TPY   |
| Total Haps   | 0.01                | 0.002 |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |       |
|  | PPH                 | TPY   |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |       |
| Engineering Estimate   |                     |       |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |  |  |                  |
|--|--|--|------------------|
| <b>Emission Unit Description</b>   |  |  |                  |
| <b>Emission unit ID number:</b><br><br>280-CP8   | <b>Emission unit name:</b><br><br>CP8 Extruder       | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br>Exhaust for CP8 Die (CP8 Extruder (2005-0800-05-1)) -Vents through 280-136E |  |  |                  |
| <b>Manufacturer:</b><br><br>WP   | <b>Model number:</b><br><br>ZSK 120                  | <b>Serial number:</b><br><br>1766130   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1985                | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>7250 pph  |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>7250 pph  | <b>Maximum Annual Throughput:</b><br><br>31755 tn/yr | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>              |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |  |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                           | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A  | N/A  | N/A              |
|  |  |  |                  |
|  |  |  |                  |
|  |  |  |                  |

| <b>Emissions Data</b>  |                     |       |
|--|---------------------|-------|
| Criteria Pollutants  | Potential Emissions |       |
|  | PPH                 | TPY   |
| Carbon Monoxide (CO)   | 0.1                 | 0.14  |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |       |
| Lead (Pb)  |                     |       |
| Particulate Matter (PM <sub>2.5</sub> )  | 1                   | 4.23  |
| Particulate Matter (PM <sub>10</sub> )   | 1                   | 4.23  |
| Total Particulate Matter (TSP)   | 1                   | 4.23  |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |       |
| Volatile Organic Compounds (VOC)   | 0.1                 | 0.35  |
| Hazardous Air Pollutants   | Potential Emissions |       |
|  | PPH                 | TPY   |
| Total Haps   | 0.01                | 0.002 |
|  |                     |       |
|  |                     |       |
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|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |       |
|  | PPH                 | TPY   |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |       |
| Engineering Estimate   |                     |       |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |  |  |                  |
|--|--|--|------------------|
| <b>Emission Unit Description</b>   |  |  |                  |
| <b>Emission unit ID number:</b><br><br>280-CP9   | <b>Emission unit name:</b><br><br>CP9 Extruder | <b>List any control devices associated with this emission unit:</b><br><br>280-172C                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>CP9 Heaf Die Exhaust (CP9 Extruder (2007-0900-5001 )) -Vents through 280-172E |  |  |                  |
| <b>Manufacturer:</b><br><br>Anderson   | <b>Model number:</b><br><br>N/A                | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>2003          | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>10000 pph   |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>pph   | <b>Maximum Annual Throughput:</b><br><br>tn/yr | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                    |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |  |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                     | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A  | N/A  | N/A              |
|  |  |  |                  |
|  |  |  |                  |
|  |  |  |                  |

| <b><i>Emissions Data</i></b>   |                     |        |
|--|---------------------|--------|
| Criteria Pollutants  | Potential Emissions |        |
|  | PPH                 | TPY    |
| Carbon Monoxide (CO)   | 0.1                 | 0.2    |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |        |
| Lead (Pb)  |                     |        |
| Particulate Matter (PM <sub>2.5</sub> )  | 44.4                | 86.41  |
| Particulate Matter (PM <sub>10</sub> )   | 44.4                | 86.41  |
| Total Particulate Matter (TSP)   | 44.4                | 86.41  |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |        |
| Volatile Organic Compounds (VOC)   | 0.2                 | 0.69   |
| Hazardous Air Pollutants   | Potential Emissions |        |
|  | PPH                 | TPY    |
| Total Haps   | 4.01                | 17.522 |
|  |                     |        |
|  |                     |        |
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|  |                     |        |
|  |                     |        |
|  |                     |        |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |        |
|  | PPH                 | TPY    |
|  |                     |        |
|  |                     |        |
|  |                     |        |
|  |                     |        |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |        |
| Engineering Estimate   |                     |        |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>  |  |  |                  |
|---|--|--|------------------|
| <b>Emission Unit Description</b>  |  |  |                  |
| <b>Emission unit ID number:</b><br><br>280-CP9  | <b>Emission unit name:</b><br><br>CP9 Extruder | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>CP9 Vacuum System Exhaust (CP9 Extruder (2007-0900-5001 )) -Vents through 280-173E |  |  |                  |
| <b>Manufacturer:</b><br><br>WP  | <b>Model number:</b><br><br>133MM              | <b>Serial number:</b><br><br>180832  |                  |
| <b>Construction date:</b><br><br>N/A  | <b>Installation date:</b><br><br>2003          | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>10000 pph  |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>pph  | <b>Maximum Annual Throughput:</b><br><br>tn/yr | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>   |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A   |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                         |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>  |  |  |                  |
| <b>Fuel Type</b>  | <b>Max. Sulfur Content</b>                     | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A   | N/A  | N/A  | N/A              |
|   |  |  |                  |
|   |  |  |                  |
|   |  |  |                  |

| <b>Emissions Data</b>  |                     |       |
|--|---------------------|-------|
| Criteria Pollutants  | Potential Emissions |       |
|  | PPH                 | TPY   |
| Carbon Monoxide (CO)   | 0.1                 | 0.2   |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |       |
| Lead (Pb)  |                     |       |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.1                 | 0.01  |
| Particulate Matter (PM <sub>10</sub> )   | 0.1                 | 0.01  |
| Total Particulate Matter (TSP)   | 0.1                 | 0.01  |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |       |
| Volatile Organic Compounds (VOC)   | 0.1                 | 0.01  |
| Hazardous Air Pollutants   | Potential Emissions |       |
|  | PPH                 | TPY   |
| Total Haps   | 4.01                | 0.177 |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |       |
|  | PPH                 | TPY   |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |       |
| Engineering Estimate   |                     |       |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244F

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |  |  |                  |
|--|--|--|------------------|
| <b>Emission Unit Description</b>   |  |  |                  |
| <b>Emission unit ID number:</b><br><br>280-CP9   | <b>Emission unit name:</b><br><br>CP9 Extruder       | <b>List any control devices associated with this emission unit:</b>                                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>CP9 B-1 Hopper Exhaust (CP9 B-1 Hopper Exhaust) -Vents through 280-187E |  |  |                  |
| <b>Manufacturer:</b><br><br>WP   | <b>Model number:</b><br><br>133MM                    | <b>Serial number:</b><br><br>180832  |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1999                | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>10000 pph   |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>10000 pph   | <b>Maximum Annual Throughput:</b><br><br>43800 tn/yr | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>              |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |  |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                           | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A  | N/A  | N/A              |
|  |  |  |                  |
|  |  |  |                  |
|  |  |  |                  |

| <b>Emissions Data</b>  |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.1                 | 0.01 |
| Particulate Matter (PM <sub>10</sub> )   | 0.1                 | 0.02 |
| Total Particulate Matter (TSP)   | 0.1                 | 0.06 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
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|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

|  |
|--|
| <b><i>Applicable Requirements</i></b>  |
| List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or <u>construction permit</u> with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included. |
| <b><u>See Attached List for all Applicable Requirements.</u></b>   |
| ____ Permit Shield   |
| For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)  |
| See WV Regulation 13 construction permit # 2244F   |
| Are you in compliance with all applicable requirements for this emission unit? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br>If no, complete the <b>Schedule of Compliance Form</b> as <b>ATTACHMENT F</b> .  |

| <b>ATTACHMENT E - Emission Unit Form</b>   |  |  |                  |
|--|--|--|------------------|
| <b>Emission Unit Description</b>   |  |  |                  |
| <b>Emission unit ID number:</b><br><br>FP1   | <b>Emission unit name:</b><br><br>Finished Product Silos | <b>List any control devices associated with this emission unit:</b><br><br>147-002C                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>Finished Product Silos (Finished Product Silos) -Vents through 147-002E |  |  |                  |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                          | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1980                    | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>120000 pph  |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>120000 pph  | <b>Maximum Annual Throughput:</b><br><br>525600 tn/yr    | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>              |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |  |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                               | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A  | N/A  | N/A              |
|  |  |  |                  |
|  |  |  |                  |
|  |  |  |                  |

| <b>Emissions Data</b>  |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  |                     |      |
| Particulate Matter (PM <sub>10</sub> )   | 5                   | 21.9 |
| Total Particulate Matter (TSP)   | 5                   | 21.9 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
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|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244H

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |  |  |                  |
|--|--|--|------------------|
| <b>Emission Unit Description</b>   |  |  |                  |
| <b>Emission unit ID number:</b><br><br>FP2   | <b>Emission unit name:</b><br><br>Finished Product Silos | <b>List any control devices associated with this emission unit:</b><br><br>147-002C                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>Finished Product Silos (Finished Product Silos) -Vents through 147-002E |  |  |                  |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                          | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1980                    | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>120000 pph  |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>120000 pph  | <b>Maximum Annual Throughput:</b><br><br>525600 tn/yr    | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>              |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |  |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                               | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A  | N/A  | N/A              |
|  |  |  |                  |
|  |  |  |                  |
|  |  |  |                  |

| <b>Emissions Data</b>  |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  |                     |      |
| Particulate Matter (PM <sub>10</sub> )   | 5                   | 21.9 |
| Total Particulate Matter (TSP)   | 5                   | 21.9 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
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|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244H

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |  |  |                  |
|--|--|--|------------------|
| <b>Emission Unit Description</b>   |  |  |                  |
| <b>Emission unit ID number:</b><br><br>FP3   | <b>Emission unit name:</b><br><br>Finished Product Silos | <b>List any control devices associated with this emission unit:</b><br><br>147-002C                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>Finished Product Silos (Finished Product Silos) -Vents through 147-002E |  |  |                  |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                          | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1980                    | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>120000 pph  |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>120000 pph  | <b>Maximum Annual Throughput:</b><br><br>525600 tn/yr    | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>              |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |  |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                               | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A  | N/A  | N/A              |
|  |  |  |                  |
|  |  |  |                  |
|  |  |  |                  |

| <b><i>Emissions Data</i></b>   |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  |                     |      |
| Particulate Matter (PM <sub>10</sub> )   | 5                   | 21.9 |
| Total Particulate Matter (TSP)   | 5                   | 21.9 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244H

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |  |  |           |
|--|--|--|-----------|
| <i>Emission Unit Description</i>   |  |  |           |
| <b>Emission unit ID number:</b><br><br>FP4   | <b>Emission unit name:</b><br><br>Finished Product Silos | <b>List any control devices associated with this emission unit:</b><br><br>147-002C                    |           |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>Finished Product Silos (Finished Product Silos) -Vents through 147-002E |  |  |           |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                          | <b>Serial number:</b><br><br>N/A   |           |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1980                    | <b>Modification date(s):</b><br><br>N/A  |           |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>120000 pph  |  |  |           |
| <b>Maximum Hourly Throughput:</b><br><br>120000 pph  | <b>Maximum Annual Throughput:</b><br><br>525600 tn/yr    | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |           |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |  |  |           |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |           |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |           |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>              |  |  |           |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |  |  |           |
| Fuel Type  | Max. Sulfur Content                                      | Max. Ash Content   | BTU Value |
| N/A  | N/A  | N/A  | N/A       |
|  |  |  |           |
|  |  |  |           |
|  |  |  |           |

| <b><i>Emissions Data</i></b>   |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  |                     |      |
| Particulate Matter (PM <sub>10</sub> )   | 5                   | 21.9 |
| Total Particulate Matter (TSP)   | 5                   | 21.9 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244H

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |  |  |                  |
|--|--|--|------------------|
| <b>Emission Unit Description</b>   |  |  |                  |
| <b>Emission unit ID number:</b><br><br>FP5   | <b>Emission unit name:</b><br><br>Finished Product Silos | <b>List any control devices associated with this emission unit:</b><br><br>147-002C                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>Finished Product Silos (Finished Product Silos) -Vents through 147-002E |  |  |                  |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                          | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1980                    | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>120000 pph  |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>120000 pph  | <b>Maximum Annual Throughput:</b><br><br>525600 tn/yr    | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>              |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |  |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                               | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A  | N/A  | N/A              |
|  |  |  |                  |
|  |  |  |                  |
|  |  |  |                  |

| <b><i>Emissions Data</i></b>   |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  |                     |      |
| Particulate Matter (PM <sub>10</sub> )   | 5                   | 21.9 |
| Total Particulate Matter (TSP)   | 5                   | 21.9 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244H

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |  |  |                  |
|--|--|--|------------------|
| <b>Emission Unit Description</b>   |  |  |                  |
| <b>Emission unit ID number:</b><br><br>TFN1  | <b>Emission unit name:</b><br><br>Raw Material Storage Silos | <b>List any control devices associated with this emission unit:</b><br><br>147-001C                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>Raw Material Storage Silos (Raw Material Storage Silos) -Vents through 147-001E |  |  |                  |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                              | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1980                        | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>184000 pph  |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>184000 pph  | <b>Maximum Annual Throughput:</b><br><br>805920 tn/yr        | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                      |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |  |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                                   | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A  | N/A  | N/A              |
|  |  |  |                  |
|  |  |  |                  |
|  |  |  |                  |

| <b>Emissions Data</b>  |                     |       |
|--|---------------------|-------|
| Criteria Pollutants  | Potential Emissions |       |
|  | PPH                 | TPY   |
| Carbon Monoxide (CO)   |                     |       |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |       |
| Lead (Pb)  |                     |       |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.3                 | 0.93  |
| Particulate Matter (PM <sub>10</sub> )   | 2                   | 8.41  |
| Total Particulate Matter (TSP)   | 9.6                 | 42.05 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |       |
| Volatile Organic Compounds (VOC)   |                     |       |
| Hazardous Air Pollutants   | Potential Emissions |       |
|  | PPH                 | TPY   |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |       |
|  | PPH                 | TPY   |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |       |
| Engineering Estimate   |                     |       |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244H

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |  |  |                  |
|--|--|--|------------------|
| <b>Emission Unit Description</b>   |  |  |                  |
| <b>Emission unit ID number:</b><br><br>TFN2  | <b>Emission unit name:</b><br><br>Raw Material Storage Silos | <b>List any control devices associated with this emission unit:</b><br><br>147-001C                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>Raw Material Storage Silos (Raw Material Storage Silos) -Vents through 147-001E |  |  |                  |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                              | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1980                        | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>184000 pph  |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>184000 pph  | <b>Maximum Annual Throughput:</b><br><br>805920 tn/yr        | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                      |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |  |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                                   | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A  | N/A  | N/A              |
|  |  |  |                  |
|  |  |  |                  |
|  |  |  |                  |

| <b>Emissions Data</b>  |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.2                 | 0.49 |
| Particulate Matter (PM <sub>10</sub> )   | 1                   | 4.38 |
| Total Particulate Matter (TSP)   | 5                   | 21.9 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244H

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |  |  |                  |
|--|--|--|------------------|
| <b>Emission Unit Description</b>   |  |  |                  |
| <b>Emission unit ID number:</b><br><br>TFN3  | <b>Emission unit name:</b><br><br>Raw Material Storage Silos | <b>List any control devices associated with this emission unit:</b><br><br>147-001C                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>Raw Material Storage Silos (Raw Material Storage Silos) -Vents through 147-001E |  |  |                  |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                              | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1980                        | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>184000 pph  |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>184000 pph  | <b>Maximum Annual Throughput:</b><br><br>805920 tn/yr        | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                      |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |  |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                                   | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A  | N/A  | N/A              |
|  |  |  |                  |
|  |  |  |                  |
|  |  |  |                  |

| <b><i>Emissions Data</i></b>   |                     |       |
|--|---------------------|-------|
| Criteria Pollutants  | Potential Emissions |       |
|  | PPH                 | TPY   |
| Carbon Monoxide (CO)   |                     |       |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |       |
| Lead (Pb)  |                     |       |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.3                 | 0.93  |
| Particulate Matter (PM <sub>10</sub> )   | 2                   | 8.41  |
| Total Particulate Matter (TSP)   | 9.6                 | 42.05 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |       |
| Volatile Organic Compounds (VOC)   |                     |       |
| Hazardous Air Pollutants   | Potential Emissions |       |
|  | PPH                 | TPY   |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |       |
|  | PPH                 | TPY   |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |       |
| Engineering Estimate   |                     |       |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244H

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |  |  |                  |
|--|--|--|------------------|
| <b>Emission Unit Description</b>   |  |  |                  |
| <b>Emission unit ID number:</b><br><br>TFN4  | <b>Emission unit name:</b><br><br>Raw Material Storage Silos | <b>List any control devices associated with this emission unit:</b><br><br>147-001C                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>Raw Material Storage Silos (Raw Material Storage Silos) -Vents through 147-001E |  |  |                  |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                              | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1980                        | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>184000 pph  |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>184000 pph  | <b>Maximum Annual Throughput:</b><br><br>805920 tn/yr        | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                      |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |  |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                                   | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A  | N/A  | N/A              |
|  |  |  |                  |
|  |  |  |                  |
|  |  |  |                  |

| <b>Emissions Data</b>  |                     |       |
|--|---------------------|-------|
| Criteria Pollutants  | Potential Emissions |       |
|  | PPH                 | TPY   |
| Carbon Monoxide (CO)   |                     |       |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |       |
| Lead (Pb)  |                     |       |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.3                 | 0.93  |
| Particulate Matter (PM <sub>10</sub> )   | 2                   | 8.41  |
| Total Particulate Matter (TSP)   | 9.6                 | 42.05 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |       |
| Volatile Organic Compounds (VOC)   |                     |       |
| Hazardous Air Pollutants   | Potential Emissions |       |
|  | PPH                 | TPY   |
|  |                     |       |
|  |                     |       |
|  |                     |       |
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|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |       |
|  | PPH                 | TPY   |
|  |                     |       |
|  |                     |       |
|  |                     |       |
|  |                     |       |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |       |
| Engineering Estimate   |                     |       |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244H

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

| <b>ATTACHMENT E - Emission Unit Form</b>   |  |  |                  |
|--|--|--|------------------|
| <b>Emission Unit Description</b>   |  |  |                  |
| <b>Emission unit ID number:</b><br><br>TFN5  | <b>Emission unit name:</b><br><br>Raw Material Storage Silos | <b>List any control devices associated with this emission unit:</b><br><br>147-001C                    |                  |
| <b>Provide a description of the emission unit (type, method of operation, design parameters, etc.):</b><br><br>Raw Material Storage Silos (Raw Material Storage Silos) -Vents through 147-001E |  |  |                  |
| <b>Manufacturer:</b><br><br>N/A  | <b>Model number:</b><br><br>N/A                              | <b>Serial number:</b><br><br>N/A   |                  |
| <b>Construction date:</b><br><br>N/A   | <b>Installation date:</b><br><br>1980                        | <b>Modification date(s):</b><br><br>N/A  |                  |
| <b>Design Capacity (examples: furnaces - tons/hr, tanks - gallons):</b><br><br>184000 pph  |  |  |                  |
| <b>Maximum Hourly Throughput:</b><br><br>184000 pph  | <b>Maximum Annual Throughput:</b><br><br>805920 tn/yr        | <b>Maximum Operating Schedule:</b><br><br>8760 hr/yr   |                  |
| <b>Fuel Usage Data (fill out all applicable fields)</b>  |  |  |                  |
| <b>Does this emission unit combust fuel?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  | <b>If yes, is it?</b><br><input type="checkbox"/> Direct Fired <input type="checkbox"/> Indirect Fired |                  |
| <b>Maximum design heat input and/or maximum horsepower rating:</b><br><br>N/A  |  | <b>Type and Btu/hr rating of burners:</b><br><br>N/A   |                  |
| <b>List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.</b>                      |  |  |                  |
| <b>Describe each fuel expected to be used during the term of the permit.</b>   |  |  |                  |
| <b>Fuel Type</b>   | <b>Max. Sulfur Content</b>                                   | <b>Max. Ash Content</b>  | <b>BTU Value</b> |
| N/A  | N/A  | N/A  | N/A              |
|  |  |  |                  |
|  |  |  |                  |
|  |  |  |                  |

| <b>Emissions Data</b>  |                     |      |
|--|---------------------|------|
| Criteria Pollutants  | Potential Emissions |      |
|  | PPH                 | TPY  |
| Carbon Monoxide (CO)   |                     |      |
| Nitrogen Oxides (NO <sub>x</sub> )   |                     |      |
| Lead (Pb)  |                     |      |
| Particulate Matter (PM <sub>2.5</sub> )  | 0.2                 | 0.49 |
| Particulate Matter (PM <sub>10</sub> )   | 1                   | 4.38 |
| Total Particulate Matter (TSP)   | 5                   | 21.9 |
| Sulfur Dioxide (SO <sub>2</sub> )  |                     |      |
| Volatile Organic Compounds (VOC)   |                     |      |
| Hazardous Air Pollutants   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
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|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| Regulated Pollutants other than Criteria and HAP   | Potential Emissions |      |
|  | PPH                 | TPY  |
|  |                     |      |
|  |                     |      |
|  |                     |      |
|  |                     |      |
| <b>List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).</b> |                     |      |
| Engineering Estimate   |                     |      |

***Applicable Requirements***

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (*Note: Title V permit condition numbers alone are not the underlying applicable requirements* ). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

**See Attached List for all Applicable Requirements.**

\_\_\_\_ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (*Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.*)

See WV Regulation 13 construction permit # 2244H

Are you in compliance with all applicable requirements for this emission unit?  Yes  No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

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# Attachment F Compliance Plan

Attachment F is not required for the Title V renewal Application for EPC-East (Segment 6 of 14)  
of the DuPont Washington Works

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# ATTACHMENT G – APCD UNIT DATA FORMS























**ATTACHMENT G - Air Pollution Control Device Form**

|   |  |                                   |
|---|--|-----------------------------------|
| <b>Control device ID number:</b><br>280-007C  | <b>List all emission units associated with this control device.</b><br>280-007S, |                                   |
| <b>Manufacturer:</b><br>Mikropul  | <b>Model number:</b><br>19-8-60TR "B"  | <b>Installation date:</b><br>1967 |
| <b>Type of Air Pollution Control Device:</b><br><input checked="" type="checkbox"/> Baghouse/Fabric Filter <input type="checkbox"/> Venturi Scrubber <input type="checkbox"/> Multiclone<br><input type="checkbox"/> Carbon Bed Adsorber <input type="checkbox"/> Packed Tower Scrubber <input type="checkbox"/> Single Cyclone<br><input type="checkbox"/> Carbon Drum(s) <input type="checkbox"/> Other Wet Scrubber <input type="checkbox"/> Cyclone Bank<br><input type="checkbox"/> Catalytic Incinerator <input type="checkbox"/> Condenser <input type="checkbox"/> Settling Chamber<br><input type="checkbox"/> Thermal Incinerator <input type="checkbox"/> Flare <input type="checkbox"/> Other (describe)<br><input type="checkbox"/> Wet Plate Electrostatic Precipitator <input type="checkbox"/> Dry Plate Electrostatic Precipitator   |  |                                   |
| <b>List the pollutants for which this device is intended to control and the capture and control efficiencies.</b>   |  |                                   |
| <b>Pollutant</b>  | <b>Capture Efficiency</b>  | <b>Control Efficiency</b>         |
| Particulate Matter (PM10)   | 100  | 98                                |
| Particulate Matter (PM2.5)  | 100  | 98                                |
| Total Particulate Matter (TSP)  | 100  | 98                                |
|   |  |                                   |
|   |  |                                   |
|   |  |                                   |
|   |  |                                   |
|   |  |                                   |
|   |  |                                   |
|   |  |                                   |
|   |  |                                   |
|   |  |                                   |
| <b>Explain the characteristic design parameters of this control device (flow rates, pressure drops, number of bags, size, temperatures, etc.).</b><br><br>Collection Efficiency, 100      Baghouse # of Compartments, 1      Configuration, Open Pressure      Fabric, PolyesterAir to<br>Cloth Ratio      ft/min,  |  |                                   |
| <b>Is this device subject to the CAM requirements of 40 C.F.R. 64?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If Yes, <b>Complete ATTACHMENT H</b><br>If No, <b>Provide justification.</b><br>Emissions are less than levels requiring CAM.   |  |                                   |
| <b>Describe the parameters monitored and/or methods used to indicate performance of this control device.</b><br><br>Monitoring shall be accomplished by performing a Visible Emissions check on the associated stack on a monthly basis, not to exceed 45 days. Visible emission checks shall be conducted by personnel trained in the practices and limitations of 40 C.F.R. 60, Appendix A, Method 22 during periods of normal operation of emission sources that vent from the referenced emission points for a sufficient time interval to determine if there is a visible emission. N/A Records of maintenance on this piece of equipment will be maintained in the electronic maintenance scheduling modules. Records of the monthly visible emissions check will be maintained. All records will be maintained for a period of five years. N/A |  |                                   |

**ATTACHMENT G - Air Pollution Control Device Form**

|   |  |                           |  |
|---|--|---------------------------|--|
| <b>Control device ID number:</b><br>280-026C  | <b>List all emission units associated with this control device.</b><br>280-001S, |                           |  |
| <b>Manufacturer:</b><br>Flex-Kleen  | <b>Model number:</b><br>84CT38III  | <b>Installation date:</b> |  |
| <b>Type of Air Pollution Control Device:</b>  |  |                           |  |
| <input checked="" type="checkbox"/> Baghouse/Fabric Filter <input type="checkbox"/> Venturi Scrubber <input type="checkbox"/> Multiclone<br><input type="checkbox"/> Carbon Bed Adsorber <input type="checkbox"/> Packed Tower Scrubber <input type="checkbox"/> Single Cyclone<br><input type="checkbox"/> Carbon Drum(s) <input type="checkbox"/> Other Wet Scrubber <input type="checkbox"/> Cyclone Bank<br><input type="checkbox"/> Catalytic Incinerator <input type="checkbox"/> Condenser <input type="checkbox"/> Settling Chamber<br><input type="checkbox"/> Thermal Incinerator <input type="checkbox"/> Flare <input type="checkbox"/> Other (describe)<br><input type="checkbox"/> Wet Plate Electrostatic Precipitator <input type="checkbox"/> Dry Plate Electrostatic Precipitator |  |                           |  |
| <b>List the pollutants for which this device is intended to control and the capture and control efficiencies.</b>   |  |                           |  |
| <b>Pollutant</b>  | <b>Capture Efficiency</b>  | <b>Control Efficiency</b> |  |
| Particulate Matter (PM10)   | 100  | 99.6                      |  |
| Particulate Matter (PM2.5)  | 100  | 99.6                      |  |
| Total Particulate Matter (TSP)  | 100  | 99.6                      |  |
|   |  |                           |  |
|   |  |                           |  |
|   |  |                           |  |
|   |  |                           |  |
|   |  |                           |  |
|   |  |                           |  |
|   |  |                           |  |
|   |  |                           |  |
|   |  |                           |  |
| <b>Explain the characteristic design parameters of this control device (flow rates, pressure drops, number of bags, size, temperatures, etc.).</b>  |  |                           |  |
| <p>Collection Efficiency, 100      Baghouse # of Compartments, 1      Configuration, Open Pressure      Fabric, PolyesterAir to<br/>             Cloth Ratio    ft/min,</p>   |  |                           |  |
| <b>Is this device subject to the CAM requirements of 40 C.F.R. 64?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |  |                           |  |
| If Yes, <b>Complete ATTACHMENT H</b>  |  |                           |  |
| If No, <b>Provide justification.</b><br>Emissions are less than levels requiring CAM.   |  |                           |  |
| <b>Describe the parameters monitored and/or methods used to indicate performance of this control device.</b>  |  |                           |  |
| <p>Monitoring shall be accomplished by performing a Visible Emissions check on the associated stack on a monthly basis, not to exceed 45 days. Visible emission checks shall be conducted by personnel trained in the practices and limitations of 40 C.F.R. 60, Appendix A, Method 22 during periods of normal operation of emission sources that vent from the referenced emission points for a sufficient time interval to determine if there is a visible emission. N/A Records of maintenance on this piece of equipment will be maintained in the electronic maintenance scheduling modules. Records of the monthly visible emissions check will be maintained. All records will be maintained for a period of five years. N/A</p>  |  |                           |  |







**ATTACHMENT G - Air Pollution Control Device Form**

|   |  |                                   |
|---|--|-----------------------------------|
| <b>Control device ID number:</b><br>280-175C  | <b>List all emission units associated with this control device.</b><br>280-175S, |                                   |
| <b>Manufacturer:</b><br>Young-Ind   | <b>Model number:</b><br>12251-33   | <b>Installation date:</b><br>1995 |
| <b>Type of Air Pollution Control Device:</b><br><input checked="" type="checkbox"/> Baghouse/Fabric Filter <input type="checkbox"/> Venturi Scrubber <input type="checkbox"/> Multiclone<br><input type="checkbox"/> Carbon Bed Adsorber <input type="checkbox"/> Packed Tower Scrubber <input type="checkbox"/> Single Cyclone<br><input type="checkbox"/> Carbon Drum(s) <input type="checkbox"/> Other Wet Scrubber <input type="checkbox"/> Cyclone Bank<br><input type="checkbox"/> Catalytic Incinerator <input type="checkbox"/> Condenser <input type="checkbox"/> Settling Chamber<br><input type="checkbox"/> Thermal Incinerator <input type="checkbox"/> Flare <input type="checkbox"/> Other (describe)<br><input type="checkbox"/> Wet Plate Electrostatic Precipitator <input type="checkbox"/> Dry Plate Electrostatic Precipitator   |  |                                   |
| <b>List the pollutants for which this device is intended to control and the capture and control efficiencies.</b>   |  |                                   |
| <b>Pollutant</b>  | <b>Capture Efficiency</b>  | <b>Control Efficiency</b>         |
| Particulate Matter (PM10)   | 100  | 99.6                              |
| Particulate Matter (PM2.5)  | 100  | 99.6                              |
| Total Particulate Matter (TSP)  | 100  | 99.6                              |
|   |  |                                   |
|   |  |                                   |
|   |  |                                   |
|   |  |                                   |
|   |  |                                   |
|   |  |                                   |
|   |  |                                   |
|   |  |                                   |
| <b>Explain the characteristic design parameters of this control device (flow rates, pressure drops, number of bags, size, temperatures, etc.).</b><br><br>Collection Efficiency, 100      Baghouse # of Compartments, 1      Configuration, Open Pressure      Fabric, PolyesterAir to<br>Cloth Ratio      ft/min,  |  |                                   |
| <b>Is this device subject to the CAM requirements of 40 C.F.R. 64?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If Yes, <b>Complete ATTACHMENT H</b><br>If No, <b>Provide justification.</b><br>Emissions are less than levels requiring CAM.   |  |                                   |
| <b>Describe the parameters monitored and/or methods used to indicate performance of this control device.</b><br><br>Monitoring shall be accomplished by performing a Visible Emissions check on the associated stack on a monthly basis, not to exceed 45 days. Visible emission checks shall be conducted by personnel trained in the practices and limitations of 40 C.F.R. 60, Appendix A, Method 22 during periods of normal operation of emission sources that vent from the referenced emission points for a sufficient time interval to determine if there is a visible emission. N/A Records of maintenance on this piece of equipment will be maintained in the electronic maintenance scheduling modules. Records of the monthly visible emissions check will be maintained. All records will be maintained for a period of five years. N/A |  |                                   |

**ATTACHMENT G - Air Pollution Control Device Form**

|   |  |                                   |
|---|--|-----------------------------------|
| <b>Control device ID number:</b><br>280-182C  | <b>List all emission units associated with this control device.</b><br>280-182S, |                                   |
| <b>Manufacturer:</b><br>Buhler-M  | <b>Model number:</b><br>RPPR-10/6  | <b>Installation date:</b><br>1985 |
| <b>Type of Air Pollution Control Device:</b><br><input checked="" type="checkbox"/> Baghouse/Fabric Filter <input type="checkbox"/> Venturi Scrubber <input type="checkbox"/> Multiclone<br><input type="checkbox"/> Carbon Bed Adsorber <input type="checkbox"/> Packed Tower Scrubber <input type="checkbox"/> Single Cyclone<br><input type="checkbox"/> Carbon Drum(s) <input type="checkbox"/> Other Wet Scrubber <input type="checkbox"/> Cyclone Bank<br><input type="checkbox"/> Catalytic Incinerator <input type="checkbox"/> Condenser <input type="checkbox"/> Settling Chamber<br><input type="checkbox"/> Thermal Incinerator <input type="checkbox"/> Flare <input type="checkbox"/> Other (describe)<br><input type="checkbox"/> Wet Plate Electrostatic Precipitator <input type="checkbox"/> Dry Plate Electrostatic Precipitator   |  |                                   |
| <b>List the pollutants for which this device is intended to control and the capture and control efficiencies.</b>   |  |                                   |
| <b>Pollutant</b>  | <b>Capture Efficiency</b>  | <b>Control Efficiency</b>         |
| Particulate Matter (PM10)   | 100  | 99.6                              |
| Particulate Matter (PM2.5)  | 100  | 99.6                              |
| Total Particulate Matter (TSP)  | 100  | 99.6                              |
|   |  |                                   |
|   |  |                                   |
|   |  |                                   |
|   |  |                                   |
|   |  |                                   |
|   |  |                                   |
| <b>Explain the characteristic design parameters of this control device (flow rates, pressure drops, number of bags, size, temperatures, etc.).</b><br><br>Collection Efficiency, 100      Baghouse # of Compartments, 1      Configuration, Open Pressure      Fabric, PolyesterAir to<br>Cloth Ratio      ft/min,  |  |                                   |
| <b>Is this device subject to the CAM requirements of 40 C.F.R. 64?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If Yes, <b>Complete ATTACHMENT H</b><br>If No, <b>Provide justification.</b><br>Emissions are less than levels requiring CAM.   |  |                                   |
| <b>Describe the parameters monitored and/or methods used to indicate performance of this control device.</b><br><br>Monitoring shall be accomplished by performing a Visible Emissions check on the associated stack on a monthly basis, not to exceed 45 days. Visible emission checks shall be conducted by personnel trained in the practices and limitations of 40 C.F.R. 60, Appendix A, Method 22 during periods of normal operation of emission sources that vent from the referenced emission points for a sufficient time interval to determine if there is a visible emission. N/A Records of maintenance on this piece of equipment will be maintained in the electronic maintenance scheduling modules. Records of the monthly visible emissions check will be maintained. All records will be maintained for a period of five years. N/A |  |                                   |

**ATTACHMENT G - Air Pollution Control Device Form**

|   |  |                                   |
|---|--|-----------------------------------|
| <b>Control device ID number:</b><br>280-183C  | <b>List all emission units associated with this control device.</b><br>280-183S, |                                   |
| <b>Manufacturer:</b><br>Buhler-M  | <b>Model number:</b><br>RPPR-10/6  | <b>Installation date:</b><br>1985 |
| <b>Type of Air Pollution Control Device:</b><br><input checked="" type="checkbox"/> Baghouse/Fabric Filter <input type="checkbox"/> Venturi Scrubber <input type="checkbox"/> Multiclone<br><input type="checkbox"/> Carbon Bed Adsorber <input type="checkbox"/> Packed Tower Scrubber <input type="checkbox"/> Single Cyclone<br><input type="checkbox"/> Carbon Drum(s) <input type="checkbox"/> Other Wet Scrubber <input type="checkbox"/> Cyclone Bank<br><input type="checkbox"/> Catalytic Incinerator <input type="checkbox"/> Condenser <input type="checkbox"/> Settling Chamber<br><input type="checkbox"/> Thermal Incinerator <input type="checkbox"/> Flare <input type="checkbox"/> Other (describe)<br><input type="checkbox"/> Wet Plate Electrostatic Precipitator <input type="checkbox"/> Dry Plate Electrostatic Precipitator   |  |                                   |
| <b>List the pollutants for which this device is intended to control and the capture and control efficiencies.</b>   |  |                                   |
| <b>Pollutant</b>  | <b>Capture Efficiency</b>  | <b>Control Efficiency</b>         |
| Particulate Matter (PM10)   | 100  | 99.6                              |
| Particulate Matter (PM2.5)  | 100  | 99.6                              |
| Total Particulate Matter (TSP)  | 100  | 99.6                              |
|   |  |                                   |
|   |  |                                   |
|   |  |                                   |
|   |  |                                   |
|   |  |                                   |
|   |  |                                   |
| <b>Explain the characteristic design parameters of this control device (flow rates, pressure drops, number of bags, size, temperatures, etc.).</b><br><br>Collection Efficiency, 100      Baghouse # of Compartments, 1      Configuration, Open Pressure      Fabric, PolyesterAir to<br>Cloth Ratio      ft/min,  |  |                                   |
| <b>Is this device subject to the CAM requirements of 40 C.F.R. 64?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If Yes, <b>Complete ATTACHMENT H</b><br>If No, <b>Provide justification.</b><br>Emissions are less than levels requiring CAM.   |  |                                   |
| <b>Describe the parameters monitored and/or methods used to indicate performance of this control device.</b><br><br>Monitoring shall be accomplished by performing a Visible Emissions check on the associated stack on a monthly basis, not to exceed 45 days. Visible emission checks shall be conducted by personnel trained in the practices and limitations of 40 C.F.R. 60, Appendix A, Method 22 during periods of normal operation of emission sources that vent from the referenced emission points for a sufficient time interval to determine if there is a visible emission. N/A Records of maintenance on this piece of equipment will be maintained in the electronic maintenance scheduling modules. Records of the monthly visible emissions check will be maintained. All records will be maintained for a period of five years. N/A |  |                                   |



**ATTACHMENT G - Air Pollution Control Device Form**

|   |  |                                   |
|---|--|-----------------------------------|
| <b>Control device ID number:</b><br>280-201C  | <b>List all emission units associated with this control device.</b><br>280-201S, |                                   |
| <b>Manufacturer:</b><br>Torit (DCE)   | <b>Model number:</b><br>36PJD8-TRB-10  | <b>Installation date:</b><br>2003 |
| <b>Type of Air Pollution Control Device:</b><br><input checked="" type="checkbox"/> Baghouse/Fabric Filter <input type="checkbox"/> Venturi Scrubber <input type="checkbox"/> Multiclone<br><input type="checkbox"/> Carbon Bed Adsorber <input type="checkbox"/> Packed Tower Scrubber <input type="checkbox"/> Single Cyclone<br><input type="checkbox"/> Carbon Drum(s) <input type="checkbox"/> Other Wet Scrubber <input type="checkbox"/> Cyclone Bank<br><input type="checkbox"/> Catalytic Incinerator <input type="checkbox"/> Condenser <input type="checkbox"/> Settling Chamber<br><input type="checkbox"/> Thermal Incinerator <input type="checkbox"/> Flare <input type="checkbox"/> Other (describe)<br><input type="checkbox"/> Wet Plate Electrostatic Precipitator <input type="checkbox"/> Dry Plate Electrostatic Precipitator   |  |                                   |
| <b>List the pollutants for which this device is intended to control and the capture and control efficiencies.</b>   |  |                                   |
| <b>Pollutant</b>  | <b>Capture Efficiency</b>  | <b>Control Efficiency</b>         |
| Particulate Matter (PM10)   | 100  | 99.6                              |
| Particulate Matter (PM2.5)  | 100  | 99.6                              |
| Total Particulate Matter (TSP)  | 100  | 99.6                              |
|   |  |                                   |
|   |  |                                   |
|   |  |                                   |
|   |  |                                   |
|   |  |                                   |
|   |  |                                   |
| <b>Explain the characteristic design parameters of this control device (flow rates, pressure drops, number of bags, size, temperatures, etc.).</b><br><br>Collection Efficiency,      Baghouse # of Compartments, 1      Configuration, Open Pressure      Fabric, PolyesterAir to Cloth<br>Ratio    ft/min,  |  |                                   |
| <b>Is this device subject to the CAM requirements of 40 C.F.R. 64?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If Yes, <b>Complete ATTACHMENT H</b><br>If No, <b>Provide justification.</b><br>Emissions are less than levels requiring CAM.   |  |                                   |
| <b>Describe the parameters monitored and/or methods used to indicate performance of this control device.</b><br><br>Monitoring shall be accomplished by performing a Visible Emissions check on the associated stack on a monthly basis, not to exceed 45 days. Visible emission checks shall be conducted by personnel trained in the practices and limitations of 40 C.F.R. 60, Appendix A, Method 22 during periods of normal operation of emission sources that vent from the referenced emission points for a sufficient time interval to determine if there is a visible emission. N/A Records of maintenance on this piece of equipment will be maintained in the electronic maintenance scheduling modules. Records of the monthly visible emissions check will be maintained. All records will be maintained for a period of five years. N/A |  |                                   |

## ATTACHMENT H - Compliance Assurance Monitoring (CAM) Plan Form

For definitions and information about the CAM rule, please refer to 40 CFR Part 64. Additional information (including guidance documents) may also be found at <http://www.epa.gov/ttn/emc/cam.html>

### CAM APPLICABILITY DETERMINATION

1) Does the facility have a PSEU (Pollutant-Specific Emissions Unit considered separately with respect to **EACH** regulated air pollutant) that is subject to CAM (40 CFR Part 64), which must be addressed in this CAM plan submittal? To determine applicability, a PSEU must meet **all** of the following criteria (*If No, then the remainder of this form need not be completed*):

YES     NO

- a. The PSEU is located at a major source that is required to obtain a Title V permit;
- b. The PSEU is subject to an emission limitation or standard for the applicable regulated air pollutant that is **NOT** exempt;

**LIST OF EXEMPT EMISSION LIMITATIONS OR STANDARDS:**

- NSPS (40 CFR Part 60) or NESHAP (40 CFR Parts 61 and 63) proposed after 11/15/1990.
  - Stratospheric Ozone Protection Requirements.
  - Acid Rain Program Requirements.
  - Emission Limitations or Standards for which a WVDEP Division of Air Quality Title V permit specifies a continuous compliance determination method, as defined in 40 CFR §64.1.
  - An emission cap that meets the requirements specified in 40 CFR §70.4(b)(12).
- c. The PSEU uses an add-on control device (as defined in 40 CFR §64.1) to achieve compliance with an emission limitation or standard;
  - d. The PSEU has potential pre-control device emissions of the applicable regulated air pollutant that are equal to or greater than the Title V Major Source Threshold Levels; **AND**
  - e. The PSEU is **NOT** an exempt backup utility power emissions unit that is municipally-owned.

### BASIS OF CAM SUBMITTAL

2) Mark the appropriate box below as to why this CAM plan is being submitted as part of an application for a Title V permit:

**RENEWAL APPLICATION.** **ALL** PSEUs for which a CAM plan has **NOT** yet been approved need to be addressed in this CAM plan submittal.

**INITIAL APPLICATION** (submitted after 4/20/98). **ONLY** large PSEUs (i. e., PSEUs with potential post-control device emissions of an applicable regulated air pollutant that are equal to or greater than Major Source Threshold Levels) need to be addressed in this CAM plan submittal.

**SIGNIFICANT MODIFICATION TO LARGE PSEUs.** **ONLY** large PSEUs being modified after 4/20/98 need to be addressed in this cam plan submittal. For large PSEUs with an approved CAM plan, **Only** address the appropriate monitoring requirements affected by the significant modification.

**3) <sup>a</sup> BACKGROUND DATA AND INFORMATION**

Complete the following table for all PSEUs that need to be addressed in this CAM plan submittal. This section is to be used to provide background data and information for each PSEU In order to supplement the submittal requirements specified in 40 CFR §64.4. If additional space is needed, attach and label accordingly.

| PSEU DESIGNATION               | DESCRIPTION       | POLLUTANT | CONTROL DEVICE | <sup>b</sup> EMISSION LIMITATION or STANDARD | <sup>c</sup> MONITORING REQUIREMENT   |
|--------------------------------|-------------------|-----------|----------------|--|---|
|                                |                   |           |                |  |   |
|                                |                   |           |                |  |   |
|                                |                   |           |                |  |   |
|                                |                   |           |                |  |   |
|                                |                   |           |                |  |   |
|                                |                   |           |                |  |   |
|                                |                   |           |                |  |   |
|                                |                   |           |                |  |   |
| <u>EXAMPLE</u><br>Boiler No. 1 | Wood-Fired Boiler | PM        | Multiclone     | 45CSR§2-4.1.c.; 9.0 lb/hr                    | Monitor pressure drop across multiclone:<br>Weekly inspection of multiclone |

<sup>a</sup> If a control device is common to more than one PSEU, one monitoring plan may be submitted for the control device with the affected PSEUs identified and any conditions that must be maintained or monitored in accordance with 40 CFR §64.3(a). If a single PSEU is controlled by more than one control device similar in design and operation, one monitoring plan for the applicable control devices may be submitted with the applicable control devices identified and any conditions that must be maintained or monitored in accordance with 40 CFR §64.3(a).

<sup>b</sup> Indicate the emission limitation or standard for any applicable requirement that constitutes an emission limitation, emission standard, or standard of performance (as defined in 40 CFR §64.1).

<sup>c</sup> Indicate the monitoring requirements for the PSEU that are required by an applicable regulation or permit condition.

**CAM MONITORING APPROACH CRITERIA**

Complete this section for **EACH** PSEU that needs to be addressed in this CAM plan submittal. This section may be copied as needed for each PSEU. This section is to be used to provide monitoring data and information for **EACH** indicator selected for **EACH** PSEU in order to meet the monitoring design criteria specified in 40 CFR §64.3 and §64.4. If more than two indicators are being selected for a PSEU or if additional space is needed, attach and label accordingly with the appropriate PSEU designation, pollutant, and indicator numbers.

| 4a) PSEU Designation:  | 4b) Pollutant: | 4c) <sup>a</sup> Indicator No. 1: | 4d) <sup>a</sup> Indicator No. 2: |
|--|----------------|-----------------------------------|-----------------------------------|
| <b>5a) GENERAL CRITERIA</b><br>Describe the <u>MONITORING APPROACH</u> used to measure the indicators:   |                |                                   |                                   |
| <sup>b</sup> Establish the appropriate <u>INDICATOR RANGE</u> or the procedures for establishing the indicator range which provides a reasonable assurance of compliance:  |                |                                   |                                   |
| <b>5b) PERFORMANCE CRITERIA</b><br>Provide the <u>SPECIFICATIONS FOR OBTAINING REPRESENTATIVE DATA</u> , such as detector location, installation specifications, and minimum acceptable accuracy:                        |                |                                   |                                   |
| <sup>c</sup> For new or modified monitoring equipment, provide <u>VERIFICATION PROCEDURES</u> , including manufacturer's recommendations, <u>TO CONFIRM THE OPERATIONAL STATUS</u> of the monitoring:                    |                |                                   |                                   |
| Provide <u>QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PRACTICES</u> that are adequate to ensure the continuing validity of the data, (i.e., daily calibrations, visual inspections, routine maintenance, RATA, etc.): |                |                                   |                                   |
| <sup>d</sup> Provide the <u>MONITORING FREQUENCY</u> :   |                |                                   |                                   |
| Provide the <u>DATA COLLECTION PROCEDURES</u> that will be used:   |                |                                   |                                   |
| Provide the <u>DATA AVERAGING PERIOD</u> for the purpose of determining whether an excursion or exceedance has occurred:   |                |                                   |                                   |

<sup>a</sup> Describe all indicators to be monitored which satisfies 40 CFR §64.3(a). Indicators of emission control performance for the control device and associated capture system may include measured or predicted emissions (including visible emissions or opacity), process and control device operating parameters that affect control device (and capture system) efficiency or emission rates, or recorded findings of inspection and maintenance activities.

<sup>b</sup> Indicator Ranges may be based on a single maximum or minimum value or at multiple levels that are relevant to distinctly different operating conditions, expressed as a function of process variables, expressed as maintaining the applicable indicator in a particular operational status or designated condition, or established as interdependent between more than one indicator. For CEMS, COMS, or PEMS, include the most recent certification test for the monitor.

<sup>c</sup> The verification for operational status should include procedures for installation, calibration, and operation of the monitoring equipment, conducted in accordance with the manufacturer's recommendations, necessary to confirm the monitoring equipment is operational prior to the commencement of the required monitoring.

<sup>d</sup> Emission units with post-control PTE ≥ 100 percent of the amount classifying the source as a major source (i.e., Large PSEU) must collect four or more values per hour to be averaged. A reduced data collection frequency may be approved in limited circumstances. Other emission units must collect data at least once per 24 hour period.

### ***RATIONALE AND JUSTIFICATION***

Complete this section for EACH PSEU that needs to be addressed in this CAM plan submittal. This section may be copied as needed for each PSEU. This section is to be used to provide rationale and justification for the selection of EACH indicator and monitoring approach and EACH indicator range in order to meet the submittal requirements specified in 40 CFR §64.4.

6a) PSEU Designation:

6b) Regulated Air Pollutant:

7) **INDICATORS AND THE MONITORING APPROACH:** Provide the rationale and justification for the selection of the indicators and the monitoring approach used to measure the indicators. Also provide any data supporting the rationale and justification. Explain the reasons for any differences between the verification of operational status or the quality assurance and control practices proposed, and the manufacturer's recommendations. (If additional space is needed, attach and label accordingly with the appropriate PSEU designation and pollutant):

8) **INDICATOR RANGES:** Provide the rationale and justification for the selection of the indicator ranges. The rationale and justification shall indicate how EACH indicator range was selected by either a COMPLIANCE OR PERFORMANCE TEST, a TEST PLAN AND SCHEDULE, or by ENGINEERING ASSESSMENTS. Depending on which method is being used for each indicator range, include the specific information required below for that specific indicator range. (If additional space is needed, attach and label accordingly with the appropriate PSEU designation and pollutant):

- COMPLIANCE OR PERFORMANCE TEST (Indicator ranges determined from control device operating parameter data obtained during a compliance or performance test conducted under regulatory specified conditions or under conditions representative of maximum potential emissions under anticipated operating conditions. Such data may be supplemented by engineering assessments and manufacturer's recommendations). The rationale and justification shall INCLUDE a summary of the compliance or performance test results that were used to determine the indicator range, and documentation indicating that no changes have taken place that could result in a significant change in the control system performance or the selected indicator ranges since the compliance or performance test was conducted.
- TEST PLAN AND SCHEDULE (Indicator ranges will be determined from a proposed implementation plan and schedule for installing, testing, and performing any other appropriate activities prior to use of the monitoring). The rationale and justification shall INCLUDE the proposed implementation plan and schedule that will provide for use of the monitoring as expeditiously as practicable after approval of this CAM plan, except that in no case shall the schedule for completing installation and beginning operation of the monitoring exceed 180 days after approval.
- ENGINEERING ASSESSMENTS (Indicator Ranges or the procedures for establishing indicator ranges are determined from engineering assessments and other data, such as manufacturers' design criteria and historical monitoring data, because factors specific to the type of monitoring, control device, or PSEU make compliance or performance testing unnecessary). The rationale and justification shall INCLUDE documentation demonstrating that compliance testing is not required to establish the indicator range.

**RATIONALE AND JUSTIFICATION:**

## **ATTACHMENT I – SUPPLEMENTAL INFORMATION**

## EPC-East Permit based

## Potential Emissions

| Source ID | EP-ID   | CO | TPY<br>NOx | PM2.5 | PM-10 | TSP  | SO2  | VOC | THAP |
|-----------|---------|----|------------|-------|-------|------|------|-----|------|
| 143-001S  | 143-001 |    |            |       |       | 0.01 | 0.01 |     |      |
| 143-002S  | 143-001 |    |            |       |       | 0    | 0    |     |      |
| 143-003S  | 143-003 |    |            |       |       | 0.01 | 0.01 |     |      |
| 143-004S  | 143-004 |    |            |       |       | 0.01 | 0.01 |     |      |
| 143-005S  | 143-005 |    |            |       |       | 0.01 | 0.01 |     |      |
| 143-006S  | 143-005 |    |            |       |       | 0    | 0    |     |      |
| 143-007S  | 143-009 |    |            |       |       | 0.01 | 0.01 |     |      |
| 143-008S  | 143-007 |    |            |       |       | 0.01 | 0.01 |     |      |
| 143-009S  | 143-008 |    |            |       |       | 0.01 | 0.01 |     |      |
| 143-010S  | 143-006 |    |            |       |       | 0.01 | 0.01 |     |      |
| 143-011S  | 143-005 |    |            |       |       | 0    | 0    |     |      |
| 143-012S  | 143-005 |    |            |       |       | 0    | 0    |     |      |
| 147-003S  | 147-003 |    |            |       |       | 0.01 | 0.01 |     |      |
| 147-005S  | 147-005 |    |            |       |       | 0.01 | 0.01 |     |      |
| 147-204S  | 147-204 |    |            |       |       | 0.01 | 0.09 |     |      |
| 280-001S  | 280-001 |    |            |       |       | 0.07 | 0.09 |     |      |
| 280-002S  | 280-002 |    |            |       |       | 0.05 | 0.22 |     |      |
| 280-002S  | 280-170 |    |            |       |       | 0.01 | 0.01 |     |      |
| 280-007S  | 280-007 |    |            |       |       | 0.01 | 0.04 |     |      |
| 280-060S  | 280-060 |    |            |       |       | 0.01 | 0.01 |     |      |
| 280-062S  | 280-062 |    |            |       |       | 0.01 | 0.01 |     |      |
| 280-062S  | 280-171 |    |            |       |       | 0.02 | 0.27 |     |      |
| 280-062S  | 280-176 |    |            |       |       | 0.07 | 0.14 |     |      |
| 280-062S  | 280-204 |    |            |       |       | 0.01 | 0.06 |     |      |
| 280-072S  | 280-109 |    |            |       |       | 0.01 | 0.01 |     |      |
| 280-072S  | 280-063 |    |            |       |       | 0.01 | 0.01 |     |      |
| 280-072S  | 280-072 |    |            |       |       | 0.01 | 0.01 |     |      |
| 280-072S  | 280-138 |    |            |       |       | 0    | 0    |     |      |
| 280-073S  | 280-073 |    |            |       |       | 0.01 | 0.01 |     |      |
| 280-112S  | 280-112 |    |            |       |       | 0.01 | 0.01 |     |      |
| 280-131S  | 280-131 |    |            |       |       | 0.01 | 0.01 |     |      |
| 280-131S  | 280-133 |    |            |       |       | 0.01 | 0.01 |     |      |
| 280-131S  | 280-137 |    |            |       |       | 0.02 | 0.03 |     |      |
| 280-174S  | 280-174 |    |            |       |       | 0.01 | 0.01 |     | 0.04 |
| 280-175S  | 280-175 |    |            |       |       | 0.08 | 0.08 |     |      |
| 280-180S  | 280-180 |    |            |       |       | 0.01 | 0.03 |     |      |
| 280-181S  | 280-181 |    |            |       |       | 0.01 | 0.01 |     |      |
| 280-182S  | 280-182 |    |            |       |       | 0.02 | 0.09 |     |      |
| 280-183S  | 280-183 |    |            |       |       | 0.02 | 0.09 |     |      |
| 280-185S  | 280-185 |    |            |       |       | 0.01 | 0.01 |     |      |
| 280-186S  | 280-186 |    |            |       |       | 0.02 | 0.06 |     |      |
| 280-190S  | 280-190 |    |            |       |       | 0.01 | 0.01 |     |      |
| 280-191S  | 280-138 |    |            |       |       | 0    | 0    |     |      |
| 280-194S  | 280-194 |    |            |       |       | 0.01 | 0.01 |     |      |

|            |         |      |      |       |       |       |      |      |      |      |
|------------|---------|------|------|-------|-------|-------|------|------|------|------|
| 280-197S   | 280-138 |      |      | 0     |       | 0     |      |      |      |      |
| 280-198S   | 280-138 |      |      | 0     |       | 0     |      |      |      |      |
| 280-201S   | 280-201 |      |      | 0.02  |       | 0.06  |      |      |      |      |
| 280-202S   | 280-202 |      |      | 0.01  |       | 0.01  |      |      |      |      |
| 280-205S   | 280-205 |      |      | 0.12  |       | 0.58  |      |      |      |      |
| 280-CP6    | 280-125 | 0.19 |      | 0.01  |       | 0.01  |      | 0.51 |      | 0.01 |
| 280-CP6    | 280-074 |      |      | 2.03  |       | 9.2   |      |      |      |      |
| 280-CP6    | 280-160 | 0.19 |      | 6.12  |       | 6.12  |      | 0.51 |      | 0.01 |
| 280-CP6    | 280-195 |      |      | 3.5   |       | 3.5   |      |      |      |      |
| 280-CP6    | 280-203 |      |      | 0.15  |       | 0.74  |      |      |      |      |
| 280-CP7    | 280-140 | 0.14 |      | 0.32  |       | 0.32  |      | 0.35 |      | 0.01 |
| 280-CP7    | 280-150 | 0.14 |      | 0.03  |       | 0.03  |      | 0.35 |      | 0.26 |
| 280-CP8    | 280-138 |      |      | 0.06  |       | 0.93  |      |      |      |      |
| 280-CP8    | 280-070 | 0.14 |      | 0.03  |       | 0.03  |      | 0.35 |      | 0.01 |
| 280-CP8    | 280-136 | 0.14 |      | 4.23  |       | 4.23  |      | 0.35 |      | 0.01 |
| 280-CP9    | 280-172 | 0.2  |      | 2.72  |       | 2.72  |      | 0.69 |      | 0.13 |
| 280-CP9    | 280-173 | 0.2  |      | 0.18  |       | 0.18  |      | 0.01 |      | 0.18 |
| 280-CP9    | 280-187 |      |      | 0.02  |       | 0.06  |      |      |      |      |
| FP1        | 147-002 |      |      | 0.01  |       | 0.02  |      |      |      |      |
| FP2        | 147-002 |      |      | 0     |       | 0     |      |      |      |      |
| FP3        | 147-002 |      |      | 0     |       | 0     |      |      |      |      |
| FP4        | 147-002 |      |      | 0     |       | 0     |      |      |      |      |
| FP5        | 147-002 |      |      | 0     |       | 0     |      |      |      |      |
| TFN1       | 147-001 |      |      | 0.01  |       | 0.02  |      |      |      |      |
| TFN2       | 147-001 |      |      | 0     |       | 0     |      |      |      |      |
| TFN3       | 147-001 |      |      | 0     |       | 0     |      |      |      |      |
| TFN4       | 147-001 |      |      | 0     |       | 0     |      |      |      |      |
| TFN5       | 147-001 |      |      | 0     |       | 0     |      |      |      |      |
| Potentials |         |      |      |       |       |       |      |      |      |      |
| Source ID  | EP-ID   | CO   | NOx  | PM2.5 | PM-10 | TSP   | SO2  | VOC  | THAP |      |
| Totals     | TPY     |      | 1.34 | 0     | 0     | 20.23 | 30.3 | 0    | 3.12 | 0.66 |
| AEI        | 2013 Yr |      | 0.26 | 0     | 0.03  | 0.08  | 0.21 | 0    | 0.72 | 0.04 |