Facility ID: 0306010138 Issuance type: Title V Proposed Permit

This version of facility specific terms and conditions was converted from a database format to an HTML file during an upgrade of the Ohio EPA, Division of Air Pollution Control's permitting software. Every attempt has been made to convert the terms and conditions to look and substantively conform to the permit issued or being drafted in STARS. However, the format of the terms may vary slightly from the original. In addition, although it is not expected, there is a slight possibility that a term and condition may have been inadvertently "left out" of this reproduction during the conversion process. Therefore, if this version is to be used as a starting point in drafting a new version of a permit, it is imperative that the entire set of terms and conditions be reviewed to ensure they substantively mimic the issued permit. The official version of any permit issued final by Ohio EPA is kept in the Agency's Legal section. The Legal section may be contacted at (614) 644-3037.

In addition to the terms and conditions, hyperlinks have been inserted into the document so you may more readily access the section of the document you wish to review.

Finally, the term language under "Part III" and before "I. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

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Part II - Specific Facility Terms and Conditions

a **State and Federally Enforceable Section**

1. The permittee will be subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Miscellaneous Metal Parts and Products Surface Coatings, 40 CFR, Part 63, Subpart MMMM. U.S. EPA failed to promulgate this standard by May 15, 2002, the Maximum Achievable Control Technology (MACT) hammer date. In accordance with 40 CFR Part 63, Subpart B (40 CFR Parts 63.50 through 63.56), the permittee shall submit an application to revise the permit to include equivalent emission limitations as a result of a case-by-case MACT determination. The application shall be submitted in two parts. The deadline to submit the Part I application, as specified in 40 CFR Part 63.53, was May 15, 2002.

2. If the final MACT standard is not promulgated by the deadline specified by U.S. EPA, the permittee shall submit the Part II application as specified in 40 CFR Part 63.53. The Part II application shall be submitted within 60 days after the deadline to promulgate the respective standard, as specified by the settlement between U.S. EPA and Sierra Club. It must contain the following information:

   a. for a new affected source, the anticipated date of startup of operation;

   b. the hazardous air pollutants (HAPs)emitted by each affected source in the relevant source category and an estimated total uncontrolled and controlled emission rate for HAPs from the affected source;

   c. any existing federal, State, or local limitations or requirements applicable to the affected source;

   d. for each affected emission point or group of affected emission points, an identification of control technology in place;

   e. information relevant to establishing the MACT floor (or MACT emission limitation), and, at the option of the permittee, a recommended MACT floor; and

   f. any other information reasonably needed by the permitting authority including, at the discretion of the permitting authority, information required pursuant to Subpart A of 40 CFR Part 63.
   The Part II application for a MACT determination may, but is not required to, contain the following information:

   a. recommended emission limitations for the affected source and support information. (The permittee may recommend a specific design, equipment, work practice, or operational standard, or a combination thereof, as an emission limitation);

   b. a description of the control technologies that would be applied to meet the emission limitation, including technical information on the design, operation, size, estimated control efficiency and any other information deemed appropriate by the permitting authority, and identification of the affected sources to which the control technologies must be applied; and

   c. relevant parameters to be monitored and frequency of monitoring to demonstrate continuous compliance with the MACT emission limitation over the applicable reporting period.

3. If the NESHAP is promulgated before May 15, 2004, the facility shall be subject to the rule as an existing major source with a compliance date as specified in the NESHAP. Pursuant to the Subpart, the permittee shall submit the following notifications:

   a. Within 120 days after promulgation of 40 CFR, Part 63, Subpart MMMM, the permittee shall submit an Initial Notification Report which certifies whether or not the permittee is subject to the promulgated standard. If the permittee is subject to the final standard, the following information shall also be included in the Initial Notification Report, in accordance with 40 CFR Part 63.9(b)(2):

   i. the name and mailing address of the permittee;

   ii. the physical location of the source if it is different from the mailing address;

   iii. identification of the relevant MACT standard and the source's compliance date;

   iv. a brief description of the nature, design, size, and method of operation of the source, including the operating design capacity and an identification of each emission point of each HAP; and

v. a statement confirming the facility is a major source for HAPs.
b. Within 60 days following completion of any required compliance demonstration activity specified in 40 CFR Part 63, Subpart MMMM, the permittee shall submit a notification of compliance status that contains the following information:

i. the methods used to determine compliance;

ii. the results of any performance tests, visible emission observations, continuous monitoring systems performance evaluations, and/or other monitoring procedures or methods that were conducted;

iii. the methods that will be used for determining continuous compliance, including a description of monitoring and reporting requirements and test methods;

iv. the type and quantity of HAPs emitted by the source, reported in units and averaging times in accordance with the test methods specified in 40 CFR Part 63, Subpart MMMM;

v. an analysis demonstrating whether the affected source is a major source or an area source;

vi. a description of the air pollution control equipment or method for each emission point, including each control device or method for each HAP and the control efficiency (percent) for each control device or method; and

vii. a statement of whether or not the permittee has complied with the requirements of 40 CFR Part 63, Subpart MMMM.

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b **State Only Enforceable Section**

1. The following insignificant emissions units are located at this facility:
Maintenance Paint Spray Booth (K024); Hay Roll Washer/Dryer (K025); S5S Paint Spray Booth (K032); Buffer Rubber/Steel Parts #1 (P002); Buffer Rubber/Steel Parts #2 (P003); Forge (P035); Scale Removal Sand Blaster (P041); D60-Injection Press (P043); D53-Injection Press (P047); Pyrolysis Oven (P051); R7-Injection Press (P053); R8-Injection Press (P054); R9-Injection Press (P055); Hydro Buffer (P056); Metal Cleaning Shot Blaster #9 (P057); Carbon Black Handling System (P058); Cement House Mixer (P061); R32-Injection Press (P062); R33-Injection Press (P063); R34-Injection Press (P064); D64-Injection Press (P065); R10-Injection Press (P067); R11-Injection Press (P068); R12-Injection Press (P069); D54-Injection Press (P070); Hay Roll Blaster (P071); R21-Injection Press (P072); R22-Injection Press (P073); R35-Injection Press (P078); Induction Heater (P079); D63-Injection Press (P081); D65-Injection Press (P082); Complete Cure Track Press (P084); Flat Cure Track Press (P086); Injection Press (R039); Injection Press (R040); #6 Fuel Tank (T001); Propane Tank (T002); #2 Fuel Tank (T003); Ethylene Glycol Tank (T004); Waste Oil Tank (T005); Urbonin Tank (T010); XD7169 Tank (T013); Gasoline Tank (T015); Napthine Tank (T017); Drakine Tank ((T018); Neutrine Tank (T019); Nitrogen Tank (T020); #2 Fuel Oil Tank (T021); Waste Oil Heater (W001); Waste Water Clarifier (Z001); Hydro Rock Sump (Z002); Hydro Rock Supply (Z003); Hydro Rock Tank (Z004); Hydro Rock Sump (Z005); Hydro Rock Supply (Z006); Hydro Rotary Tank (Z007); Cistern WWT Middle (Z008); Cistern WWT North (Z009); Cistern WWT (Z010); Cistern WWT South West (Z011); Hydro Washer #1 (Z013); Hydro Washer #2 (Z014); D58-Injection Press (Z015); D56-Injection Press (Z016); D57-Injection Press (Z017); D51-Injection Press (Z018); D52-Injection Press (Z019); D55-Injection Press (Z020); Mold Shot Blaster (Z021); Mold Shot Blaster Injection (Z022); D59-Injection Press (Z023); D63-Injection Press (Z024); D62-Injection Press (Z033);
D61-Injection Press (Z034); D64 Injection Press (Z035); D65-Injection Press (Z036); R1-Injection Press (Z037); R2-Injection Press (Z038); R3-Injection Press (Z039); R4-Injection Press (Z040); R30-Injection Press (Z041); R31-Injection Press (Z042); R13-Injection Press (Z043); R5-Injection Press (Z044); R6-Injection Press (Z045); Compression Press 1 (Z046); Compression Press 2 (Z047); Compression Press 3 (Z048); Compression Press 4 (Z049); Compression Press 5 (Z050); Compression Press 6 (Z051); Compression Press 7 (Z052); Compression Press A08 (Z053); Compression Press A09 (Z054); Compression Press A10 (Z055); Compression Press A11 (Z056); Compression Press A12 (Z057); Compression Press A13 (Z058); Compression Press A15 (Z059); Compression Press A16 (Z060); Compression Press A17 (Z061); Compression Press A18 (Z062); Compression Press A19 (Z063); Compression Press A20 (Z064); Compression Press A21 (Z065); Compression Press A22 (Z066); Compression Press A23 (Z067); Compression Press A24 (Z068); Compression Press A25 (Z069); Compression Press B02 (Z070); Compression Press B03 (Z071); Compression Press B04 (Z072); Compression Press B05 (Z073); Compression Press B06 (Z074); Compression Press B07 (Z075); Compression Press B08 (Z076); Compression Press B09 (Z077); Compression Press B10 (Z078); Compression Press B11 (Z079); Compression Press B12 (Z080); Compression Press B13 (Z081); Compression Press B14 (Z082); Compression Press B15 (Z083); Compression Press B16 (Z084); Compression Press B17 (Z085); Compression Press B18 (Z086); Compression Press B19 (Z087); Compression Press B20 (Z088); Compression Press B21 (Z089); Compression Press B22 (Z090); Compression Press K28 (Z091); Compression Press K29 (Z092); Compression Press C03 (Z093); Compression Press C04 (Z094); Compression Press C05 (Z095); Compression Press C06 (Z096); Compression Press C07 (Z097); Compression Press C08 (Z098); Compression Press C09 (Z099); Compression Press C10 (Z100); Compression Press C11 (Z101);
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Compression Press 87 (Z132); Compression Press 88 (Z133); Compression Press 89 (Z134); Compression Press 90 (Z135); Compression Press 91 (Z136); Compression Press 92 (Z137); Compression Press 93 (Z138); Compression Press 94 (Z139); Compression Press 95 (Z140); Compression Press 96 (Z141); Compression Press 97 (Z142); Compression Press 98 (Z143); Compression Press 99 (Z144); Compression Press 100 (Z145); Compression Press 101 (Z146); Compression Press 102 (Z147); Compression Press 103 (Z148); Compression Press 104 (Z149); Compression Press 105 (Z150); Compression Press 106 (Z151); Compression Press 107 (Z152); Compression Press 108 (Z153); Compression Press 109 (Z154); Compression Press 110 (Z155); Compression Press 111 (Z156); Compression Press 112 (Z157); Compression Press 113 (Z158); Compression Press 114 (Z159); Compression Press 115 (Z160); Compression Press 116 (Z161); Compression Press 117 (Z162); Compression Press 118 (Z163); Compression Press 119 (Z164); Compression Press 120 (Z165); Compression Press 121 (Z166); Compression Press 122 (Z167); Compression Press 123 (Z168);
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Compression Press X14 (Z234); Compression Press X15 (Z235); Compression Press C01 (Z236); Compression Press C02 (Z237); Hayroll Press 1 (Z238); Hayroll Press 2 (Z239); Track Press 1 (Z240); Track Press 2 (Z241); Track Press 3 (Z242); Track Press 4 (Z243); North Pot Heater (Z250); Middle Pot Heater (Z251); South Pot Heater (Z252); Calender 1 (Z256); 10 HF Extruder (Z258); 8 CF Extruder (Z259); 3 CF Extruder (Z260); Roll Laminator (Z264); Slurry Mix Tank (Z266); Slurry Recirculation Tank (Z267); Citrus Degreaser (Z268); Pot Heater Blow Down Pit -West (Z270); Boiler Water Softener (Z271); Boiler Blow Down -East (Z272); Boiler Blow Down -West (Z273); Chlorinator Tanks (Z274); Cooling Tower 1 (Z275); Cooling Tower 2 (Z276); Track Press 5 (Z277); Track Press 6 (Z278); Track Press 7 (Z279); Track Press 8 (Z280); Track Wheel Press (Z284); Track Wheel Press (Z286); Track Wheel Press (Z287); 3.5 CF Extruder (Z288); Compression Press L12 (Z290); Compression Press L13 (Z291); Compression Press L14 (Z292); Compression Press L15 (Z293); Compression Press L16 (Z294); Compression Press L17 (Z295); Compression Press L18 (Z296); Compression Press L19 (Z297); Compression Press L20 (Z298); Compression Press Shell 1 (Z299) Compression Press Shell 2 (Z300); Compression Press Shell 3 (Z301); Compression Press Shell 4 (Z302); Koch Oven 1 (Z303); Koch Oven 2 (Z304); RT Wheel Cell Blaster (Z305); and RSRG Blaster (Z306).
Each insignificant emissions unit at this facility must comply with all applicable State and federal regulations as well as any emission limitations and/or control requirements contained within a PTI for the emissions unit.

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0306010138 Emissions Unit ID: B003 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
90 mmBtu/hr, #6 fuel oil-fired boiler, #2 oil for light off (boiler #3)	OAC rule 3745-18-12(C)(1)	4.2 lb sulfur dioxide (SO2)/mmBtu of actual heat input
	OAC rule 3745-17-07(A)	Visible particulate emissions (PE) shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.
	OAC rule 3745-17-10 (C)(2)	0.23 pound PE/mmBtu of actual heat input (See A.I.2.a.)
	OAC rule 3745-17-10(B)(1)	when burning only #2 fuel oil, 0.020 lb PE/mmBtu of actual heat input

2. **Additional Terms and Conditions**

a. The emission limitation of 0.23 lb PE/mmBtu is based on curve P-2 of Figure I of OAC rule 3745-17-10 and a total heat input capacity of 235 mmBtu/hour (for emissions units B003 and B007, combined). [Emissions units B003 and B007 are united either physically or operationally.]

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II. **Operational Restrictions**

1. The quality of the oil burned in this emissions unit shall meet a sulfur content that is sufficient to comply with the allowable sulfur dioxide emission limitation specified in section A.I. above.

2. The permittee shall burn only # 6 fuel oil and/or or # 2 fuel oil in this emissions unit.

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III. **Monitoring and/or Record Keeping Requirements**

1. For each shipment of oil received for burning in this emissions unit, the permittee shall collect or require the oil supplier to collect a representative grab sample of oil and maintain records of the total quantity of oil received, the permittee's or oil supplier's analyses for sulfur content and heat content, and the calculated sulfur dioxide emission rate (in lbs/mmBtu). (The sulfur dioxide emission rate shall be calculated in

accordance with the formula specified in OAC rule 3745-18-04(F).) A shipment may be comprised of multiple tank truck loads from the same supplier's batch, and the quality of the oil for those loads may be represented by a single batch analysis from the supplier.

The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with 40 CFR Part 60, Appendix A, Method 19, or the appropriate ASTM methods (such as, ASTM methods D240, D4294, D6010), or equivalent methods as approved by the Director.

2. When burning # 6 fuel oil, the permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:

a. the color of the emissions;

b. whether the emissions are representative of normal operations;

c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;

d. the total duration of any visible emission incident; and

e. any corrective actions taken to eliminate the visible emissions.

3. For each day during which the permittee burns a fuel other than # 6 fuel oil and/or # 2 fuel oil, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

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IV. **Reporting Requirements**

1. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any record showing a deviation of the allowable sulfur dioxide emission limitation, as shown by the calculated sulfur dioxide emission rates from Section A.III.1 above. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 45 days after the deviation occurs.

2. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than # 6 fuel oil and/or # 2 fuel oil was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

3. The permittee shall submit semiannual written reports that (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate visible particulate emissions. These reports shall be submitted to the Director (the Ohio EPA, Northwest District Office) by January 31 and July 31 of each year and shall cover the previous 6 month period.

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V. **Testing Requirements**

1. Compliance Methods Requirements: Compliance with the emission limitation(s) in section A.I. of the terms and conditions of this permit shall be determined in accordance with the following method(s):

a. Emission Limitation-
Visible PE shall not exceed 20 percent opacity, as a 6-minute average, except as provided by rule.

Applicable Compliance Method-
If required, compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1).

b. Emission Limitation:
4.2 pounds SO2/mmBtu of actual heat input

Applicable Compliance Method-
Compliance with the allowable sulfur dioxide emission limitation shall be demonstrated by documenting that the sulfur content of each shipment of oil meets the limitation.

If required, the permittee shall demonstrate compliance with the SO2 emission limitation above in accordance with the methods specified in OAC rule 3745-18-04(E)(1).

c. Emission Limitation:
0.23 lb PE/mmBtu actual heat input, when burning # 6 fuel oil

Applicable Compliance Method:

Compliance with the PE limitation above shall be determined based on the results of emission testing conducted in accordance with the methods specified in OAC rule 3745-17-03(B)(9).

The permittee may also demonstrate compliance with the PE limitation above by dividing the emission factor, from AP-42, Table 1.3-1 (revised 09/98), of 10 lbs PE/1000 gallons by the heat content of the #6 fuel oil (Btu/gallon).

d. Emission Limitation-
0.020 pound PE per mmBtu actual heat input, when firing only #2 fuel oil

Applicable Compliance Method-

Compliance with the PE limitation above shall be determined based on the results of emission testing conducted in accordance with the methods specified in OAC rule 3745-17-03(B)(9).

Compliance may also be demonstrated by multiplying the maximum fuel oil capacity of the emissions unit (gallons/hr) by the AP-42 emission factor for No. 2 oil (2.0 lbs PE/1000 gallons), and then dividing by the maximum hourly heat input capacity of the emissions unit (mmBtu/hr).

2. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

a. The emission testing shall be conducted within 3 months after issuance of this permit and within 6 months prior to permit expiration.

b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate and visible emissions for PE.

c. The following test methods shall be employed to demonstrate compliance with the allowable mass emission rate and visible emissions:

PE: Methods 1 through 5 of 40 CFR, Part 60, Appendix A
Visible PE: Method 9, 40 CFR, Part 60, Appendix A

d. The emission testing shall be conducted while this emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Director (the Ohio EPA, Northwest District Office).

3. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Director (the Ohio EPA, Northwest District Office). The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Director (the Ohio EPA, Northwest District Office's) refusal to accept the results of the emission test(s).

Personnel from the Director (the Ohio EPA, Northwest District Office) shall be permitted to witness the test (s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Director (the Ohio EPA, Northwest District Office) within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Director (the Ohio EPA, Northwest District Office).

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VI. **Miscellaneous Requirements**

1. None

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B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0306010138 Emissions Unit ID: B007 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
145 mmBtu/hr, #6 fuel oil-fired boiler, #2 oil for light off (boiler #6)	OAC rule 3745-18-12(C)(1)	4.2 lb sulfur dioxide (SO2)/mmBtu of actual heat input
	OAC rule 3745-17-07(A)	Visible particulate emissions (PE) shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.
	OAC rule 3745-17-10 (C)(2)	0.23 pound PE/mmBtu of actual heat input (See A.I.2.a.)
	OAC rule 3745-17-10(B)(1)	when burning only #2 fuel oil, 0.020 lb PE/mmBtu of actual heat input

2. **Additional Terms and Conditions**

a. The emission limitation of 0.23 lb PE/mmBtu is based on curve P-2 of Figure I of OAC rule 3745-17-10 and a total heat input capacity of 235 million Btu/hour (for emissions units B003 and B007, combined). [Emissions units B003 and B007 are united either physically or operationally.]

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II. **Operational Restrictions**

1. The quality of the oil burned in this emissions unit shall meet a sulfur content that is sufficient to comply with the allowable sulfur dioxide emission limitation specified in section A.I. above.

2. The permittee shall burn only # 6 fuel oil and/or or # 2 fuel oil in this emissions unit.

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III. **Monitoring and/or Record Keeping Requirements**

1. For each shipment of oil received for burning in this emissions unit, the permittee shall collect or require the oil supplier to collect a representative grab sample of oil and maintain records of the total quantity of oil received, the permittee's or oil supplier's analyses for sulfur content and heat content, and the calculated sulfur dioxide emission rate (in lbs/mmBtu). (The sulfur dioxide emission rate shall be calculated in accordance with the formula specified in OAC rule 3745-18-04(F).) A shipment may be comprised of multiple tank truck loads from the same supplier's batch, and the quality of the oil for those loads may be represented by a single batch analysis from the supplier.

   The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with 40 CFR Part 60, Appendix A, Method 19, or the appropriate ASTM methods (such as, ASTM methods D240, D4294, D6010), or equivalent methods as approved by the Director.

2. When burning # 6 fuel oil, the permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:

   a. the color of the emissions;

   b. whether the emissions are representative of normal operations;

   c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;

   d. the total duration of any visible emission incident; and

   e. any corrective actions taken to eliminate the visible emissions.

3. For each day during which the permittee burns a fuel other than # 6 fuel oil and/or # 2 fuel oil, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

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IV. **Reporting Requirements**

1. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any record showing a deviation of the allowable sulfur dioxide emission limitation, as shown by the calculated sulfur dioxide emission rates from Section A.III.1 above. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 45 days after the deviation occurs.

2. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than # 6 fuel oil and/or # 2 fuel oil was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

3. The permittee shall submit semiannual written reports that (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate visible particulate emissions. These reports shall be submitted to the Director (the Ohio EPA, Northwest District Office) by January 31 and July 31 of each year and shall cover the previous 6 month period.

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V. **Testing Requirements**

1. Compliance Methods Requirements: Compliance with the emission limitation(s) in section A.I. of the terms and conditions of this permit shall be determined in accordance with the following method(s):

   a. Emission Limitation-
   Visible PE shall not exceed 20 percent opacity, as a 6-minute average, except as provided by rule.

   Applicable Compliance Method-

If required, compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1).

b. Emission Limitation:
4.2 pounds SO2/mmBtu of actual heat input

Applicable Compliance Method-
Compliance with the allowable sulfur dioxide emission limitation shall be demonstrated by documenting that the sulfur content of each shipment of oil meets the limitation.

If required, the permittee shall demonstrate compliance with the SO2 emission limitation above in accordance with the methods specified in OAC rule 3745-18-04(E)(1).

c. Emission Limitation:
0.23 lb PE/mmBtu actual heat input, when burning # 6 fuel oil

Applicable Compliance Method:

Compliance with the PE limitation above shall be determined based on the results of emission testing conducted in accordance with the methods specified in OAC rule 3745-17-03(B)(9).

The permittee may also demonstrate compliance with the PE limitation above by dividing the emission factor, from AP-42, Table 1.3-1 (revised 09/98), of 9.19(S*)+3.22 lbs PE/1000 gallons by the heat content of the #6 fuel oil (Btu/gallon).

* S = the weight % of sulfur in the oil

d. Emission Limitation-
0.020 pound PE per mmBtu actual heat input, when firing only #2 fuel oil

Applicable Compliance Method-

Compliance with the PE limitation above shall be determined based on the results of emission testing conducted in accordance with the methods specified in OAC rule 3745-17-03(B)(9).

Compliance may also be demonstrated by multiplying the maximum fuel oil capacity of the emissions unit (gallons/hr) by the AP-42 emission factor for No. 2 oil (2.0 lbs PE/1000 gallons), and then dividing by the maximum hourly heat input capacity of the emissions unit (mmBtu/hr).

2. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

a. The emission testing shall be conducted within 3 months after issuance of this permit and within 6 months prior to permit expiration.

b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate and visible emissions for PE.

c. The following test methods shall be employed to demonstrate compliance with the allowable mass emission rate and visible emissions:

PE: Methods 1 through 5 of 40 CFR, Part 60, Appendix A
Visible PE: Method 9, 40 CFR, Part 60, Appendix A

d. The emission testing shall be conducted while this emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Director (the Ohio EPA, Northwest District Office).

3. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Director (the Ohio EPA, Northwest District Office). The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Director (the Ohio EPA, Northwest District Office's) refusal to accept the results of the emission test(s).

Personnel from the Director (the Ohio EPA, Northwest District Office) shall be permitted to witness the test (s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Director (the Ohio EPA, Northwest District Office) within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Director (the Ohio EPA, Northwest District Office).

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: B007 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0306010138 Emissions Unit ID: K003 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
#3 cementer	40 CFR 52.1870(c)(84) (54 FR 32637) (variance)	255 tons volatile organic compounds (VOC)/year (for emissions units K003 thru K008, K010 thru K015, and K019, combined (See A.I.2.a.)
	OAC rule 3745-17-11(B)(2)	none (See A.I.2.b.)
	OAC rule 3745-17-07(A)	none (See A.I.2.c.)

2. **Additional Terms and Conditions**

a. This emissions unit does not have to comply with the requirements of OAC rule 3745-21-09 (U) because of the variance. In lieu of the requirements of OAC rule 3745-21-09 (U), the permittee shall limit the total VOC emissions from emissions units K003 thru K008, K010 thru K015, and K019, combined, to 255 tons/year.

b. The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.

c. This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall calculate and record the following information each quarter for emissions units K003 thru K008, K010 thru K015, and K019, combined:

a. the name and identification number of each adhesive employed;

b. the VOC content of each adhesive employed, in pounds/gallon;

c. the number of gallons of each adhesive employed;

d. the total emissions of VOC from each adhesive employed (b x c), in pounds;

e. the total emissions of VOC from all the adhesives employed (summation of d for all adhesives), in pounds;

f. the total pounds of the adhesive waste sent off site;

g. the VOC content of the adhesive waste sent off site, in %, by weight;

h. the total pounds of VOC sent off site (f x g), in pounds; and

i. the total emissions of VOC for all the adhesives [(e - h)/2000], in tons.

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IV. **Reporting Requirements**

1. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a summary of the total VOC emissions for emissions units K003 thru K008, K010 thru K015, and K019, combined, for the previous calender quarter. These reports shall be submitted by April 31, July 30, October 30 and

January 31 of each year.

2. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a description of the progress made during the previous calendar quarter concerning the replacement of the solvent-based adhesives with high-solids and/or water-based adhesives. The reports shall include the following information:

a. a description of the research and development work performed, including the factory trials conducted, the progress achieved and the problems encountered; and

b. data and/or logs which confirm the research and trials described in paragraph a.

These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

Emission Limitation:
255 tons VOC/year (for emissions units K003 thru K008, K010 thru K015 and K019, combined)

Applicable compliance method:
The record keeping requirements established in Section A.III.1 of this permit shall be used to demonstrate compliance with the annual allowable VOC emission limitation.

2. Formulation data or USEPA Method 24 shall be used to determine the VOC content of the adhesives.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: K003 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: K004 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
#4 cementer	40 CFR 52.1870(c)(84) (54 FR 32637) (variance)	255 tons volatile organic compounds (VOC)/year (for emissions units K003 thru K008, K010 thru K015, and K019, combined (See A.I.2.a.)
	OAC rule 3745-17-11(B)(2)	none (See A.I.2.b.)
	OAC rule 3745-17-07(A)	none (See A.I.2.c.)

2. **Additional Terms and Conditions**

a. This emissions unit does not have to comply with the requirements of OAC rule 3745-21-09 (U) because of the variance. In lieu of the requirements of OAC rule 3745-21-09 (U), the permittee shall limit the total VOC emissions from emissions units K003 thru K008, K010 thru K015, and K019, combined, to 255 tons/year.

b. The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.

c. This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall calculate and record the following information each quarter for emissions units K003 thru K008, K010 thru K015, and K019, combined:

   a. the name and identification number of each adhesive employed;

   b. the VOC content of each adhesive employed, in pounds/gallon;

   c. the number of gallons of each adhesive employed;

   d. the total emissions of VOC from each adhesive employed (b x c), in pounds;

   e. the total emissions of VOC from all the adhesives employed (summation of d for all adhesives), in pounds;

   f. the total pounds of the adhesive waste sent off site;

   g. the VOC content of the adhesive waste sent off site, in %, by weight;

   h. the total pounds of VOC sent off site (f x g), in pounds; and

   i. the total emissions of VOC for all the adhesives [(e - h)/2000], in tons.

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IV. **Reporting Requirements**

1. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a summary of the total VOC emissions for emissions units K003 thru K008, K010 thru K015, and K019, combined, for the previous calender quarter. These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

2. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a description of the progress made during the previous calendar quarter concerning the replacement of the solvent-based adhesives with high-solids and/or water-based adhesives. The reports shall include the following information:

   a. a description of the research and development work performed, including the factory trials conducted, the progress achieved and the problems encountered; and

   b. data and/or logs which confirm the research and trials described in paragraph a.

   These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

   Emission Limitation:
   255 tons VOC/year (for emissions units K003 thru K008, K010 thru K015 and K019, combined)

   Applicable compliance method:
   The record keeping requirements established in Section A.III.1 of this permit shall be used to demonstrate compliance with the annual allowable VOC emission limitation.

2. Formulation data or USEPA Method 24 shall be used to determine the VOC content of the adhesives.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: K004 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: K005 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
#5 cementer	40 CFR 52.1870(c)(84) (54 FR 32637) (variance)	255 tons volatile organic compounds (VOC)/year (for emissions units K003 thru K008, K010 thru K015, and K019, combined (See A.I.2.a.)
	OAC rule 3745-17-11(B)(2)	none (See A.I.2.b.)
	OAC rule 3745-17-07(A)	none (See A.I.2.c.)

2. **Additional Terms and Conditions**

a. This emissions unit does not have to comply with the requirements of OAC rule 3745-21-09 (U) because of the variance. In lieu of the requirements of OAC rule 3745-21-09 (U), the permittee shall limit the total VOC emissions from emissions units K003 thru K008, K010 thru K015, and K019, combined, to 255 tons/year.

b. The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.

c. This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall calculate and record the following information each quarter for emissions units K003 thru K008, K010 thru K015, and K019, combined:

a. the name and identification number of each adhesive employed;

b. the VOC content of each adhesive employed, in pounds/gallon;

c. the number of gallons of each adhesive employed;

d. the total emissions of VOC from each adhesive employed (b x c), in pounds;

e. the total emissions of VOC from all the adhesives employed (summation of d for all adhesives), in pounds;

f. the total pounds of the adhesive waste sent off site;

g. the VOC content of the adhesive waste sent off site, in %, by weight;

h. the total pounds of VOC sent off site (f x g), in pounds; and

i. the total emissions of VOC for all the adhesives [(e - h)/2000], in tons.

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IV. **Reporting Requirements**

1. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a summary of the total VOC emissions for emissions units K003 thru K008, K010 thru K015, and K019, combined, for the previous calender quarter. These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

2. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a description of the progress made during the previous calendar quarter concerning the replacement of the solvent-based adhesives with high-solids and/or water-based adhesives. The reports shall include the following information:

a. a description of the research and development work performed, including the factory trials conducted, the progress achieved and the problems encountered; and

b. data and/or logs which confirm the research and trials described in paragraph a.

These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

   Emission Limitation:
   255 tons VOC/year (for emissions units K003 thru K008, K010 thru K015 and K019, combined)

   Applicable compliance method:
   The record keeping requirements established in Section A.III.1 of this permit shall be used to demonstrate compliance with the annual allowable VOC emission limitation.

2. Formulation data or USEPA Method 24 shall be used to determine the VOC content of the adhesives.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: K005 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: K006 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
#6 cementer	40 CFR 52.1870(c)(84) (54 FR 32637) (variance)	255 tons volatile organic compounds (VOC)/year (for emissions units K003 thru K008, K010 thru K015, and K019, combined (See A.I.2.a.)
	OAC rule 3745-17-11(B)(2)	none (See A.I.2.b.)
	OAC rule 3745-17-07(A)	none (See A.I.2.c.)

2. **Additional Terms and Conditions**

a. This emissions unit does not have to comply with the requirements of OAC rule 3745-21-09 (U) because of the variance. In lieu of the requirements of OAC rule 3745-21-09 (U), the permittee shall limit the total VOC emissions from emissions units K003 thru K008, K010 thru K015, and K019, combined, to 255 tons/year.

b. The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.

c. This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall calculate and record the following information each quarter for emissions units K003 thru K008, K010 thru K015, and K019, combined:

a. the name and identification number of each adhesive employed;

b. the VOC content of each adhesive employed, in pounds/gallon;

c. the number of gallons of each adhesive employed;

d. the total emissions of VOC from each adhesive employed (b x c), in pounds;

e. the total emissions of VOC from all the adhesives employed (summation of d for all adhesives), in pounds;

f. the total pounds of the adhesive waste sent off site;

g. the VOC content of the adhesive waste sent off site, in %, by weight;

h. the total pounds of VOC sent off site (f x g), in pounds; and

i. the total emissions of VOC for all the adhesives [(e - h)/2000], in tons.

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IV. **Reporting Requirements**

1. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a summary of the total VOC emissions for emissions units K003 thru K008, K010 thru K015, and K019, combined, for the previous calender quarter. These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

2. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a description of the progress made during the previous calendar quarter concerning the replacement of the solvent-based adhesives with high-solids and/or water-based adhesives. The reports shall include the following information:

   a. a description of the research and development work performed, including the factory trials conducted, the progress achieved and the problems encountered; and

   b. data and/or logs which confirm the research and trials described in paragraph a.

   These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

   Emission Limitation:
   255 tons VOC/year (for emissions units K003 thru K008, K010 thru K015 and K019, combined)

   Applicable compliance method:
   The record keeping requirements established in Section A.III.1 of this permit shall be used to demonstrate compliance with the annual allowable VOC emission limitation.

2. Formulation data or USEPA Method 24 shall be used to determine the VOC content of the adhesives.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: K006 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: K007 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
#7 cementer	40 CFR 52.1870(c)(84)	255 tons volatile organic compounds (VOC)/year (for

(54 FR 32637) (variance)	emissions units K003 thru K008, K010 thru K015, and K019, combined (See A.I.2.a.)
OAC rule 3745-17-11(B)(2)	none (See A.I.2.b.)
OAC rule 3745-17-07(A)	none (See A.I.2.c.)

2. **Additional Terms and Conditions**

a. This emissions unit does not have to comply with the requirements of OAC rule 3745-21-09 (U) because of the variance. In lieu of the requirements of OAC rule 3745-21-09 (U), the permittee shall limit the total VOC emissions from emissions units K003 thru K008, K010 thru K015, and K019, combined, to 255 tons/year.

b. The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table 1 does not apply because the facility is located in Auglaize County.

c. This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall calculate and record the following information each quarter for emissions units K003 thru K008, K010 thru K015, and K019, combined:

a. the name and identification number of each adhesive employed;

b. the VOC content of each adhesive employed, in pounds/gallon;

c. the number of gallons of each adhesive employed;

d. the total emissions of VOC from each adhesive employed (b x c), in pounds;

e. the total emissions of VOC from all the adhesives employed (summation of d for all adhesives), in pounds;

f. the total pounds of the adhesive waste sent off site;

g. the VOC content of the adhesive waste sent off site, in %, by weight;

h. the total pounds of VOC sent off site (f x g), in pounds; and

i. the total emissions of VOC for all the adhesives [(e - h)/2000], in tons.

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IV. **Reporting Requirements**

1. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a summary of the total VOC emissions for emissions units K003 thru K008, K010 thru K015, and K019, combined, for the previous calender quarter. These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

2. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a description of the progress made during the previous calendar quarter concerning the replacement of the solvent-based adhesives with high-solids and/or water-based adhesives. The reports shall include the following information:

a. a description of the research and development work performed, including the factory trials conducted, the progress achieved and the problems encountered; and

b. data and/or logs which confirm the research and trials described in paragraph a.

These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

   Emission Limitation:
   255 tons VOC/year (for emissions units K003 thru K008, K010 thru K015 and K019, combined)

   Applicable compliance method:
   The record keeping requirements established in Section A.III.1 of this permit shall be used to demonstrate compliance with the annual allowable VOC emission limitation.

2. Formulation data or USEPA Method 24 shall be used to determine the VOC content of the adhesives.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: K007 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: K008 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
#1spindle cementer	40 CFR 52.1870(c)(84) (54 FR 32637) (variance)	255 tons volatile organic compounds (VOC)/year (for emissions units K003 thru K008, K010 thru K015, and K019, combined (See A.I.2.a.)
	OAC rule 3745-17-11(B)(2)	none (See A.I.2.b.)
	OAC rule 3745-17-07(A)	none (See A.I.2.c.)

2. **Additional Terms and Conditions**

a. This emissions unit does not have to comply with the requirements of OAC rule 3745-21-09 (U) because of the variance. In lieu of the requirements of OAC rule 3745-21-09 (U), the permittee shall limit the total VOC emissions from emissions units K003 thru K008, K010 thru K015, and K019, combined, to 255 tons/year.

b. The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.

c. This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall calculate and record the following information each quarter for emissions units K003 thru K008, K010 thru K015, and K019, combined:

a. the name and identification number of each adhesive employed;

b. the VOC content of each adhesive employed, in pounds/gallon;

c. the number of gallons of each adhesive employed;

d. the total emissions of VOC from each adhesive employed (b x c), in pounds;

e. the total emissions of VOC from all the adhesives employed (summation of d for all adhesives), in pounds;

f. the total pounds of the adhesive waste sent off site;

g. the VOC content of the adhesive waste sent off site, in %, by weight;

h. the total pounds of VOC sent off site (f x g), in pounds; and

i. the total emissions of VOC for all the adhesives [(e - h)/2000], in tons.

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IV. **Reporting Requirements**

1. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a summary of the total VOC emissions for emissions units K003 thru K008, K010 thru K015, and K019, combined, for the previous calender quarter. These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

2. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a description of the progress made during the previous calendar quarter concerning the replacement of the solvent-based adhesives with high-solids and/or water-based adhesives. The reports shall include the following information:

   a. a description of the research and development work performed, including the factory trials conducted, the progress achieved and the problems encountered; and

   b. data and/or logs which confirm the research and trials described in paragraph a.

   These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

   Emission Limitation:
   255 tons VOC/year (for emissions units K003 thru K008, K010 thru K015 and K019, combined)

   Applicable compliance method:
   The record keeping requirements established in Section A.III.1 of this permit shall be used to demonstrate compliance with the annual allowable VOC emission limitation.

2. Formulation data or USEPA Method 24 shall be used to determine the VOC content of the adhesives.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: K008 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0306010138 Emissions Unit ID: K010 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
#10 cementer	40 CFR 52.1870(c)(84) (54 FR 32637) (variance)	255 tons volatile organic compounds (VOC)/year (for emissions units K003 thru K008, K010 thru K015, and K019, combined (See A.I.2.a.)
	OAC rule 3745-17-11(B)(2)	none (See A.I.2.b.)
	OAC rule 3745-17-07(A)	none (See A.I.2.c.)

2. **Additional Terms and Conditions**

a. This emissions unit does not have to comply with the requirements of OAC rule 3745-21-09 (U) because

of the variance. In lieu of the requirements of OAC rule 3745-21-09 (U), the permittee shall limit the total VOC emissions from emissions units K003 thru K008, K010 thru K015, and K019, combined, to 255 tons/year.

b. The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.

c. This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall calculate and record the following information each quarter for emissions units K003 thru K008, K010 thru K015, and K019, combined:

   a. the name and identification number of each adhesive employed;

   b. the VOC content of each adhesive employed, in pounds/gallon;

   c. the number of gallons of each adhesive employed;

   d. the total emissions of VOC from each adhesive employed (b x c), in pounds;

   e. the total emissions of VOC from all the adhesives employed (summation of d for all adhesives), in pounds;

   f. the total pounds of the adhesive waste sent off site;

   g. the VOC content of the adhesive waste sent off site, in %, by weight;

   h. the total pounds of VOC sent off site (f x g), in pounds; and

   i. the total emissions of VOC for all the adhesives [(e - h)/2000], in tons.

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IV. **Reporting Requirements**

1. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a summary of the total VOC emissions for emissions units K003 thru K008, K010 thru K015, and K019, combined, for the previous calender quarter. These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

2. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a description of the progress made during the previous calendar quarter concerning the replacement of the solvent-based adhesives with high-solids and/or water-based adhesives. The reports shall include the following information:

   a. a description of the research and development work performed, including the factory trials conducted, the progress achieved and the problems encountered; and

   b. data and/or logs which confirm the research and trials described in paragraph a.

   These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

   Emission Limitation:
   255 tons VOC/year (for emissions units K003 thru K008, K010 thru K015 and K019, combined)

   Applicable compliance method:
   The record keeping requirements established in Section A.III.1 of this permit shall be used to demonstrate compliance with the annual allowable VOC emission limitation.

2. Formulation data or USEPA Method 24 shall be used to determine the VOC content of the adhesives.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: K010 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: K011 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
#11 cementer	40 CFR 52.1870(c)(84) (54 FR 32637) (variance)	255 tons volatile organic compounds (VOC)/year (for emissions units K003 thru K008, K010 thru K015, and K019, combined (See A.I.2.a.)
	OAC rule 3745-17-11(B)(2)	none (See A.I.2.b.)
	OAC rule 3745-17-07(A)	none (See A.I.2.c.)

2. **Additional Terms and Conditions**

a. This emissions unit does not have to comply with the requirements of OAC rule 3745-21-09 (U) because of the variance. In lieu of the requirements of OAC rule 3745-21-09 (U), the permittee shall limit the total VOC emissions from emissions units K003 thru K008, K010 thru K015, and K019, combined, to 255 tons/year.

b. The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.

c. This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall calculate and record the following information each quarter for emissions units K003 thru K008, K010 thru K015, and K019, combined:

a. the name and identification number of each adhesive employed;

b. the VOC content of each adhesive employed, in pounds/gallon;

c. the number of gallons of each adhesive employed;

d. the total emissions of VOC from each adhesive employed (b x c), in pounds;

e. the total emissions of VOC from all the adhesives employed (summation of d for all adhesives), in pounds;

f. the total pounds of the adhesive waste sent off site;

g. the VOC content of the adhesive waste sent off site, in %, by weight;

h. the total pounds of VOC sent off site (f x g), in pounds; and

i. the total emissions of VOC for all the adhesives [(e - h)/2000], in tons.

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IV. **Reporting Requirements**

1. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a summary of the total VOC emissions for emissions units K003 thru K008, K010 thru K015, and K019, combined, for the previous calender quarter. These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

2. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a description of the progress made during the previous calendar quarter concerning the replacement of the solvent-based adhesives with high-solids and/or water-based adhesives. The reports shall include the following information:

   a. a description of the research and development work performed, including the factory trials conducted, the progress achieved and the problems encountered; and

   b. data and/or logs which confirm the research and trials described in paragraph a.

   These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

   Emission Limitation:
   255 tons VOC/year (for emissions units K003 thru K008, K010 thru K015 and K019, combined)

   Applicable compliance method:
   The record keeping requirements established in Section A.III.1 of this permit shall be used to demonstrate compliance with the annual allowable VOC emission limitation.

2. Formulation data or USEPA Method 24 shall be used to determine the VOC content of the adhesives.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: K011 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

   1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: K012 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
#12 cementer	40 CFR 52.1870(c)(84) (54 FR 32637) (variance)	255 tons volatile organic compounds (VOC)/year (for emissions units K003 thru K008, K010 thru K015, and K019, combined (See A.I.2.a.)
	OAC rule 3745-17-11(B)(2)	none (See A.I.2.b.)
	OAC rule 3745-17-07(A)	none (See A.I.2.c.)

2. **Additional Terms and Conditions**

a. This emissions unit does not have to comply with the requirements of OAC rule 3745-21-09 (U) because of the variance. In lieu of the requirements of OAC rule 3745-21-09 (U), the permittee shall limit the total VOC emissions from emissions units K003 thru K008, K010 thru K015, and K019, combined, to 255 tons/year.

b. The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.

c. This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule

3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall calculate and record the following information each quarter for emissions units K003 thru K008, K010 thru K015, and K019, combined:

   a. the name and identification number of each adhesive employed;

   b. the VOC content of each adhesive employed, in pounds/gallon;

   c. the number of gallons of each adhesive employed;

   d. the total emissions of VOC from each adhesive employed (b x c), in pounds;

   e. the total emissions of VOC from all the adhesives employed (summation of d for all adhesives), in pounds;

   f. the total pounds of the adhesive waste sent off site;

   g. the VOC content of the adhesive waste sent off site, in %, by weight;

   h. the total pounds of VOC sent off site (f x g), in pounds; and

   i. the total emissions of VOC for all the adhesives [(e - h)/2000], in tons.

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IV. **Reporting Requirements**

1. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a summary of the total VOC emissions for emissions units K003 thru K008, K010 thru K015, and K019, combined, for the previous calender quarter. These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

2. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a description of the progress made during the previous calendar quarter concerning the replacement of the solvent-based adhesives with high-solids and/or water-based adhesives. The reports shall include the following information:

   a. a description of the research and development work performed, including the factory trials conducted, the progress achieved and the problems encountered; and

   b. data and/or logs which confirm the research and trials described in paragraph a.

   These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

   Emission Limitation:
   255 tons VOC/year (for emissions units K003 thru K008, K010 thru K015 and K019, combined)

   Applicable compliance method:
   The record keeping requirements established in Section A.III.1 of this permit shall be used to demonstrate compliance with the annual allowable VOC emission limitation.

2. Formulation data or USEPA Method 24 shall be used to determine the VOC content of the adhesives.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: K012 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: K013 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
#13 cementer	40 CFR 52.1870(c)(84) (54 FR 32637) (variance)	255 tons volatile organic compounds (VOC)/year (for emissions units K003 thru K008, K010 thru K015, and K019, combined (See A.I.2.a.)
	OAC rule 3745-17-11(B)(2)	none (See A.I.2.b.)
	OAC rule 3745-17-07(A)	none (See A.I.2.c.)

2. **Additional Terms and Conditions**

a. This emissions unit does not have to comply with the requirements of OAC rule 3745-21-09 (U) because of the variance. In lieu of the requirements of OAC rule 3745-21-09 (U), the permittee shall limit the total VOC emissions from emissions units K003 thru K008, K010 thru K015, and K019, combined, to 255 tons/year.

b. The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.

c. This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall calculate and record the following information each quarter for emissions units K003 thru K008, K010 thru K015, and K019, combined:

a. the name and identification number of each adhesive employed;

b. the VOC content of each adhesive employed, in pounds/gallon;

c. the number of gallons of each adhesive employed;

d. the total emissions of VOC from each adhesive employed (b x c), in pounds;

e. the total emissions of VOC from all the adhesives employed (summation of d for all adhesives), in pounds;

f. the total pounds of the adhesive waste sent off site;

g. the VOC content of the adhesive waste sent off site, in %, by weight;

h. the total pounds of VOC sent off site (f x g), in pounds; and

i. the total emissions of VOC for all the adhesives [(e - h)/2000], in tons.

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IV. **Reporting Requirements**

1. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a summary of the total VOC emissions for emissions units K003 thru K008, K010 thru K015, and K019, combined, for the previous calender quarter. These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

2. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a description of the progress made during the previous calendar quarter concerning the replacement of the solvent-based adhesives with high-solids and/or water-based adhesives. The reports shall include the following information:

a. a description of the research and development work performed, including the factory trials conducted, the progress achieved and the problems encountered; and

b. data and/or logs which confirm the research and trials described in paragraph a.

These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

Emission Limitation:
255 tons VOC/year (for emissions units K003 thru K008, K010 thru K015 and K019, combined)

Applicable compliance method:
The record keeping requirements established in Section A.III.1 of this permit shall be used to demonstrate compliance with the annual allowable VOC emission limitation.

2. Formulation data or USEPA Method 24 shall be used to determine the VOC content of the adhesives.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: K013 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0306010138 Emissions Unit ID: K014 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
#14 cementer	40 CFR 52.1870(c)(84) (54 FR 32637) (variance)	255 tons volatile organic compounds (VOC)/year (for emissions units K003 thru K008, K010 thru K015, and K019, combined (See A.I.2.a.)
	OAC rule 3745-17-11(B)(2)	none (See A.I.2.b.)
	OAC rule 3745-17-07(A)	none (See A.I.2.c.)

2. **Additional Terms and Conditions**

a. This emissions unit does not have to comply with the requirements of OAC rule 3745-21-09 (U) because of the variance. In lieu of the requirements of OAC rule 3745-21-09 (U), the permittee shall limit the total VOC emissions from emissions units K003 thru K008, K010 thru K015, and K019, combined, to 255 tons/year.

b. The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.

c. This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall calculate and record the following information each quarter for emissions units K003 thru K008, K010 thru K015, and K019, combined:

   a. the name and identification number of each adhesive employed;

   b. the VOC content of each adhesive employed, in pounds/gallon;

   c. the number of gallons of each adhesive employed;

   d. the total emissions of VOC from each adhesive employed (b x c), in pounds;

   e. the total emissions of VOC from all the adhesives employed (summation of d for all adhesives), in pounds;

   f. the total pounds of the adhesive waste sent off site;

   g. the VOC content of the adhesive waste sent off site, in %, by weight;

   h. the total pounds of VOC sent off site (f x g), in pounds; and

   i. the total emissions of VOC for all the adhesives [(e - h)/2000], in tons.

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IV. **Reporting Requirements**

1. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a summary of the total VOC emissions for emissions units K003 thru K008, K010 thru K015, and K019, combined, for the previous calender quarter. These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

2. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a description of the progress made during the previous calendar quarter concerning the replacement of the solvent-based adhesives with high-solids and/or water-based adhesives. The reports shall include the following information:

   a. a description of the research and development work performed, including the factory trials conducted, the progress achieved and the problems encountered; and

   b. data and/or logs which confirm the research and trials described in paragraph a.

   These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

   Emission Limitation:
   255 tons VOC/year (for emissions units K003 thru K008, K010 thru K015 and K019, combined)

   Applicable compliance method:
   The record keeping requirements established in Section A.III.1 of this permit shall be used to demonstrate compliance with the annual allowable VOC emission limitation.

2. Formulation data or USEPA Method 24 shall be used to determine the VOC content of the adhesives.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: K014 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: K015 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
#15 table cementer	40 CFR 52.1870(c)(84) (54 FR 32637) (variance)	255 tons volatile organic compounds (VOC)/year (for emissions units K003 thru K008, K010 thru K015, and K019, combined (See A.I.2.a.)
	OAC rule 3745-17-11(B)(2)	none (See A.I.2.b.)
	OAC rule 3745-17-07(A)	none (See A.I.2.c.)

2. **Additional Terms and Conditions**

a. This emissions unit does not have to comply with the requirements of OAC rule 3745-21-09 (U) because of the variance. In lieu of the requirements of OAC rule 3745-21-09 (U), the permittee shall limit the total VOC emissions from emissions units K003 thru K008, K010 thru K015, and K019, combined, to 255 tons/year.

b. The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.

c. This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall calculate and record the following information each quarter for emissions units K003 thru K008, K010 thru K015, and K019, combined:

a. the name and identification number of each adhesive employed;

b. the VOC content of each adhesive employed, in pounds/gallon;

c. the number of gallons of each adhesive employed;

d. the total emissions of VOC from each adhesive employed (b x c), in pounds;

e. the total emissions of VOC from all the adhesives employed (summation of d for all adhesives), in pounds;

f. the total pounds of the adhesive waste sent off site;

g. the VOC content of the adhesive waste sent off site, in %, by weight;

h. the total pounds of VOC sent off site (f x g), in pounds; and

i. the total emissions of VOC for all the adhesives [(e - h)/2000], in tons.

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IV. **Reporting Requirements**

1. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a summary of the total VOC emissions for emissions units K003 thru K008, K010 thru K015, and K019, combined, for the previous calender quarter. These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

2. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a description of the progress made during the previous calendar quarter concerning the replacement of the solvent-based adhesives with high-solids and/or water-based adhesives. The reports shall include the following information:

a. a description of the research and development work performed, including the factory trials conducted, the progress achieved and the problems encountered; and

b. data and/or logs which confirm the research and trials described in paragraph a.

These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

   Emission Limitation:
   255 tons VOC/year (for emissions units K003 thru K008, K010 thru K015 and K019, combined)

   Applicable compliance method:
   The record keeping requirements established in Section A.III.1 of this permit shall be used to demonstrate compliance with the annual allowable VOC emission limitation.

2. Formulation data or USEPA Method 24 shall be used to determine the VOC content of the adhesives.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: K015 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: K019 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
# 1 & 2 pin cementers	40 CFR 52.1870(c)(84) (54 FR 32637) (variance)	255 tons volatile organic compounds (VOC)/year (for emissions units K003 thru K008, K010 thru K015, and K019, combined (See A.I.2.a.)
	OAC rule 3745-17-11(B)(2)	none (See A.I.2.b.)
	OAC rule 3745-17-07(A)	none (See A.I.2.c.)

2. **Additional Terms and Conditions**

a. This emissions unit does not have to comply with the requirements of OAC rule 3745-21-09 (U) because of the variance. In lieu of the requirements of OAC rule 3745-21-09 (U), the permittee shall limit the total VOC emissions from emissions units K003 thru K008, K010 thru K015, and K019, combined, to 255 tons/year.

b. The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.

c. This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall calculate and record the following information each quarter for emissions units K003 thru K008, K010 thru K015, and K019, combined:

a. the name and identification number of each adhesive employed;

b. the VOC content of each adhesive employed, in pounds/gallon;

c. the number of gallons of each adhesive employed;

d. the total emissions of VOC from each adhesive employed (b x c), in pounds;

e. the total emissions of VOC from all the adhesives employed (summation of d for all adhesives), in pounds;

f. the total pounds of the adhesive waste sent off site;

g. the VOC content of the adhesive waste sent off site, in %, by weight;

h. the total pounds of VOC sent off site (f x g), in pounds; and

i. the total emissions of VOC for all the adhesives [(e - h)/2000], in tons.

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IV. **Reporting Requirements**

1. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a summary of the total VOC emissions for emissions units K003 thru K008, K010 thru K015, and K019, combined, for the previous calender quarter. These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

2. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a description of the progress made during the previous calendar quarter concerning the replacement of the solvent-based adhesives with high-solids and/or water-based adhesives. The reports shall include the following information:

   a. a description of the research and development work performed, including the factory trials conducted, the progress achieved and the problems encountered; and

   b. data and/or logs which confirm the research and trials described in paragraph a.

   These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

   Emission Limitation:
   255 tons VOC/year (for emissions units K003 thru K008, K010 thru K015 and K019, combined)

   Applicable compliance method:
   The record keeping requirements established in Section A.III.1 of this permit shall be used to demonstrate compliance with the annual allowable VOC emission limitation.

2. Formulation data or USEPA Method 24 shall be used to determine the VOC content of the adhesives.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: K019 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: K020 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
#2 spindle cementer	OAC rule 3745-31-05	202 lbs volatile organic compounds (VOC)/day

(PTI 03-5695)	See A.I 2.d and A.II.1.
OAC 3745-21-09(U)(2)(f)	none (See A.I.2.a.)
OAC 3745-17-11(B)(2)	none (See A.I.2.b.)
OAC 3745-17-07(A)	none (See A.I.2.c.)

2. **Additional Terms and Conditions**

a. Pursuant to OAC rule 3745-21-09(U)(2)(f), the Director has determined that "best available technology" for this emissions unit, as defined in PTI # 03-5695, is a control requirement or emission limitation that is either less stringent than or inconsistent with the requirements of paragraph (U)(1) of OAC rule 3745-21-09.

b. The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.

c. This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

d. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(U)(2)(f).

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II. **Operational Restrictions**

1. Coating usage for this emissions unit shall not exceed 416 gallons/month of primer coat and 520 gallons/month of top coat.

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall calculate and record the following information each day for this emissions unit:

a. the name and identification number of each coating employed;

b. a determination of whether the coating is a prime coat or top coat;

c. the VOC content of each coating employed, in pounds/gallon;

d. the number of gallons of each coating employed;

e. the total emissions of VOC from each coating employed (c x d), in pounds;

f. the total emissions of VOC from all the coatings employed [summation of e for all coatings], in pounds;

g. the total number of gallons of top coats employed (summation of d for all top coats); and

h. the total number of gallons of prime coats employed (summation of d for all prime coats).

2. The permittee shall calculate and record the following information each month for this emissions unit:

a. the number of gallons of all the top coats employed (calculated by summing the daily numbers of gallons of the top coats employed, from section A.III.1.g above, for the calendar month); and

b. the number of gallons of all the prime coatings employed (calculated by summing the daily numbers of gallons of the prime coatings employed, from section A.III.1.h above, for the calendar month).

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IV. **Reporting Requirements**

1. The permittee shall submit quarterly deviation (excursion) reports that identify the following:

a. all exceedances of the daily VOC emission limitation of 202 pounds; and

b. all exceedances of the monthly gallon usage restrictions of 416 and 520 (for primer coatings and top coats, respectively).

All quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

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V. **Testing Requirements**

1. Compliance with the emission limitation in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

   Emission Limitation:
   202 lbs VOC/day

   Applicable Compliance Method:
   The record keeping requirements established in section A.III.1of this permit shall be used to determine compliance with the daily allowable VOC emission limitation above.

2. Formulation data or USEPA Method 24 shall be used to determine the VOC contents of all the coatings.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: K020 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

   1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Issuance type: Title V Proposed Permit

Part III - Terms and Conditions for Emissions Units

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Facility ID: 0306010138 Emissions Unit ID: K021 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
rubber/metal parts spray booth hydromount #1 (only the metal portion of the parts is coated in this emissions unit)	OAC rule 3745-31-05 (PTI #03-8794)	12.84 lbs volatile organic compounds (VOC)/day, from coatings 1.43 tons VOC/yr (including cleanup materials) See A.I.2.c.
	OAC rule 3745-21-09 (U)(1)(c)	3.5 pounds VOC/gallon of coating, excluding water and exempt solvents.
	OAC rule 3745-17-11(B)	none (See A.I.2.a.)
	OAC rule 3745-17-07(A)	none (See A.I.2.b.)

2. **Additional Terms and Conditions**

a. The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.

b. This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

c. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(U)(1)(c).

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II. **Operational Restrictions**

1. Each coating employed in this emissions unit shall comply with the VOC content limitation, specified in condition A.I.1 of the terms and conditions of this permit, on an "as applied" basis.

2. The permittee shall not coat the non-metal portion of the parts in this emissions unit. [The non-metal substrates shall be limited to incidental or unintended 'over spray' only.]

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall calculate and record the following information each day for this emissions unit:

a. the name and identification number of each coating employed;

b. the VOC content of each coating employed, in pounds/gallon;

c. the number of gallons of each coating employed;

d. the total emissions of VOC from each coating employed (b x c), in pounds; and

e. the total emissions of VOC from all the coatings employed (summation of d for all coatings), in pounds.

2. The permittee shall calculate and record the following information each month for this emissions unit:

a. the name and identification number of each cleanup material employed;

b. the VOC content of each cleanup material employed, in pounds/gallon;

c. the number of gallons of each cleanup material employed;

d. the total emissions of VOC from each cleanup material employed (b x c), in pounds; and

e. the total emissions of VOC from all the cleanup materials employed (summation of d for all cleanup materials), in pounds;

f. the total emissions of VOC from all the coatings employed (summation of the daily VOC emission rates, from section A.III.1.e, for the calendar month), in pounds; and

g. the total VOC emissions from all the coatings and cleanup materials employed (A.III.2.e + A.III.2.f), in pounds.

3. The permittee shall calculate and record each calendar year the total annual VOC emissions from all the coatings and cleanup materials employed, in tons, for this emissions unit (the annual VOC emissions shall be calculated by summing the monthly VOC emission rates, from section A.III.2.g above, for the calendar year, and then dividing by 2000).

4. The permittee shall collect and record the following information each month for this emissions unit:

a. the name and identification number of each coating, as applied;

b. the VOC content of each coating (in pounds/gallon, excluding water and exempt solvents), as applied; and

c. A log of all time periods during which any non-metal portion of the parts was coated.

(If the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.)

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IV. **Reporting Requirements**

1. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily VOC emission limitation of 12.84 pounds. All quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

2. The permittee shall submit annual reports that summarize the actual annual VOC emissions for this emissions unit. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

3. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any monthly record showing the use of noncomplying coatings (i.e., for VOC content). The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days following the end of the calendar month.

4. The permittee shall submit quarterly summaries that include a log of all time periods during which any non-metal portion of the parts was coated in this emissions unit. The quarterly reports shall be submitted by March 31, June 30, September 30, and December 31 of each year and shall cover the previous calendar quarter.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

a. Emission Limitation:
3.5 pounds VOC/gallon of coating (excluding water and exempt solvents)

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in section A.III.4 of this permit.

b. Emission Limitations:
12.84 lbs VOC/day, 1.43 tons VOC/yr (including cleanup)

Applicable Compliance Method:
The record keeping requirements established in section A.III.1 of this permit shall be used to demonstrate compliance with the daily allowable VOC emission limitation.

The record keeping requirements established in sections A.III.1, 2 and 3 of this permit shall be used to demonstrate compliance with the annual allowable VOC emission limitation.

2. Formulation data or USEPA Method 24 shall be used to determine the VOC contents of the coatings and cleanup materials.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: K021 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Issuance type: Title V Proposed Permit

Part III - Terms and Conditions for Emissions Units

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Facility ID: 0306010138 Emissions Unit ID: K023 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
rubber/metal parts spray booth hydromount #2 (only the metal portion of the parts is coated in this emissions unit)	OAC rule 3745-31-05 (PTI #03-7960)	16.5 lbs volatile organic compounds (VOC)/day, from coatings See A.I.2.c. See A.II.2 and 3.
	OAC rule 3745-21-09 (U)(1)(c)	3.5 pounds VOC/gallon of coating, excluding water and exempt solvents.
	OAC rule 3745-17-11(B)	none (See A.I.2.a.)
	OAC rule 3745-17-07(A)	none (See A.I.2.b.)

2. **Additional Terms and Conditions**

a. The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.

b. This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

c. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(U)(1)(c).

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II. **Operational Restrictions**

1. Each coating employed in this emissions unit shall comply with the VOC content limitation, specified in condition A.I.1 of the terms and conditions of this permit, on an "as applied" basis.

2. The daily coating usage shall not exceed 15 gallons in this emissions unit.

3. The permittee shall not employ any cleanup material in this emissions unit that is a liquid organic material. "Liquid organic material" is defined in OAC rule 3745-21-05(C)(3).

4. The permittee shall not coat the non-metal portion of the parts in this emissions unit. [The non-metal substrates shall be limited to incidental or unintended 'over spray' only.]

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall calculate and record the following information each day for this emissions unit:

   a. the name and identification number of each coating employed;

   b. the VOC content of each coating employed, in pounds/gallon;

   c. the number of gallons of each coating employed;

   d. the total emissions of VOC from each coating employed (b x c), in pounds;

   e. the total emissions of VOC from all the coatings employed (summation of d for all coatings), in pounds; and

   f. the total number of gallons of all the coatings employed (summation of c for all coatings).

2. The permittee shall calculate and record the following information each month for this emissions unit:

   a. the name and identification number for each cleanup material employed; and

   b. documentation on whether or not each cleanup material employed is a liquid organic material.

3. The permittee shall collect and record the following information each month for this emissions unit:

   a. the name and identification number of each coating, as applied;

   b. the VOC content of each coating (in pounds/gallon, excluding water and exempt solvents), as applied; and

   c. A log of all time periods during which any non-metal portion of the parts was coated.

   (If the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.)

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IV. **Reporting Requirements**

1. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily VOC emission limitation of 16.5 pounds and/or the daily coating usage restriction of 15 gallons. All quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

2. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any monthly record showing the use of noncomplying coatings (i.e., for VOC content). The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days following the end of the calendar month.

3. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any monthly record showing the use of noncomplying cleanup materials (i.e., liquid organic cleanup materials). The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 45 days following the end of the calendar month..

4. The permittee shall submit quarterly summaries that include a log of all time periods during which any non-metal portion of the parts was coated in this emissions unit. The quarterly reports shall be submitted by March 31, June 30, September 30, and December 31 of each year and shall cover the previous calendar quarter.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

   a. Emission Limitation:
      3.5 pounds VOC/gallon of coating (excluding water and exempt solvents)

      Applicable Compliance Method:
      Compliance shall be based upon the record keeping requirements specified in section A.III.3 of this permit.

   b. Emission Limitation:
      16.5 lbs VOC/day

      Applicable Compliance Method:
      The record keeping requirements established in section A.III.1 of this permit shall be used to demonstrate compliance with the daily allowable VOC emission limitation.

c. Usage Limitation:
15 gallons of coatings/day

Applicable Compliance Method:
The record keeping requirements established in section A.III.1 of this permit shall be used to demonstrate compliance with the daily allowable coating usage restriction above.

2. Formulation data or USEPA Method 24 shall be used to determine the VOC contents of the coatings and cleanup materials.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: K023 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0306010138 Emissions Unit ID: K028 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
Binks spray booth, booth #1	OAC rule 3745-21-09(U)(1)(c)	3.5 pounds volatile organic compounds (VOC)/gallon of coating, excluding water and exempt solvents
	OAC rule 3745-17-11(B)	none (See A.I.2.a.)
	OAC rule 3745-17-07(A)	none (See A.I.2.b.)

2. **Additional Terms and Conditions**

a. The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.

b. This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

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II. **Operational Restrictions**

1. Each coating employed in this emissions unit shall comply with the VOC content limitation, specified in condition A.I.1 of the terms and conditions of this permit, on an "as applied" basis.

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall collect and record the following information each month for this emissions unit:

a. the name and identification number of each coating, as applied; and

b. the VOC content of each coating (in lbs/gallon, excluding water and exempt solvents), as applied.

(If the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.)

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IV. **Reporting Requirements**

1. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any monthly record showing the use of any noncomplying coating (i.e., for VOC content) in this emissions unit. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days following the end of the calendar month.

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V. **Testing Requirements**

1. Compliance with the emission limitation in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

   Emission Limitation: 3.5 pounds VOC/gallon of coating (excluding water and exempt solvents)

   Compliance shall be based upon the record keeping requirements specified in section A.III.1 of this permit.

2. Formulation data or USEPA Method 24 shall be used to determine the VOC contents of the coatings.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: K028 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: K029 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
Binks spray booth, booth #2	OAC rule 3745-21-09 (U)(2)(e)	Coating usage shall not exceed 10 gallons per day
	OAC rule 3745-17-11(B)	none (See A.I.2.a.)
	OAC rule 3745-17-07(A)	none (See A.I.2.b.)

2. **Additional Terms and Conditions**

a. The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.

b. This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall collect and record the following information each day for the coating line:

a. the name and identification number of each coating employed;

b. the volume, in gallons, of each coating employed; and

c. the total volume, in gallons, of all the coatings employed (summation of b for all coatings).

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IV. **Reporting Requirements**

1. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the coating line employed more than the applicable maximum daily coating usage limitation of 10 gallons. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 45 days after the exceedance occurs.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

   Usage Limitation: Coating usage shall not exceed 10 gallons per day

   Applicable compliance method:

   The record keeping requirements in Section A.III.1 of this permit shall be used to demonstrate compliance with the coating usage restriction above.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: K029 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

   1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Issuance type: Title V Proposed Permit

Part III - Terms and Conditions for Emissions Units

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Facility ID: 0306010138 Emissions Unit ID: K030 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
Binks spray booth, booth #3	OAC rule 3745-21-09 (U)(2)(e)	Coating usage shall not exceed 10 gallons per day
	OAC rule 3745-17-11(B)	none (See A.I.2.a.)
	OAC rule 3745-17-07(A)	none (See A.I.2.b.)

2. **Additional Terms and Conditions**

a. The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.

b. This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall collect and record the following information each day for the coating line:

a. the name and identification number of each coating employed;

b. the volume, in gallons, of each coating employed; and

c. the total volume, in gallons, of all the coatings employed (summation of b for all coatings).

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IV. **Reporting Requirements**

1. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the coating line employed more than the applicable maximum daily coating usage limitation of

10 gallons. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 45 days after the exceedance occurs.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

   Usage Limitation: Coating usage shall not exceed 10 gallons per day

   Applicable compliance method:

   The record keeping requirements in Section A.III.1 of this permit shall be used to demonstrate compliance with the coating usage restriction above.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Issuance type: Title V Proposed Permit

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Facility ID: 0306010138 Emissions Unit ID: K030 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Issuance type: Title V Proposed Permit

Part III - Terms and Conditions for Emissions Units

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Facility ID: 0306010138 Emissions Unit ID: K031 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
rubber/metal parts spray booth, spindle painter #5 (only the metal portion of the parts is coated in this emissions unit)	OAC rule 3745-31-05 (PTI #03-8794)	81.6 lbs volatile organic compounds (VOC)/day, from coatings 5.21 tons VOC/yr (including cleanup) See A.I.2.c.
	OAC rule 3745-21-09(U)(1)(c)	3.5 pounds VOC /gallon of coating, excluding water and exempt solvents
	OAC rule 3745-17-11(B)	none (See A.I.2.a.)
	OAC rule 3745-17-07(A)	none (See A.I.2.b.)

2. **Additional Terms and Conditions**

a. The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.

b. This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

c. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(U)(1)(c).

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II. **Operational Restrictions**

1. Each coating employed in this emissions unit shall comply with the VOC content limitation, specified in condition A.I.1 of the terms and conditions of this permit, on an "as applied" basis.

2. The permittee shall not coat the non-metal portion of the parts in this emissions unit. [The non-metal substrates shall be limited to incidental or unintended 'over spray' only.]

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall calculate and record the following information each day for this emissions unit:

   a. the name and identification number of each coating employed;

   b. the VOC content of each coating employed, in pounds/gallon;

   c. the number of gallons of each coating employed;

   d. the total emissions of VOC from each coating employed (b x c), in pounds; and

   e. the total emissions of VOC from all the coatings employed (summation of d for all coatings), in pounds.

2. The permittee shall calculate and record the following information each month for this emissions unit:

   a. the name and identification number of each cleanup material employed;

   b. the VOC content of each cleanup material employed, in pounds/gallon;

   c. the number of gallons of each cleanup material employed;

   d. the total emissions of VOC from each cleanup material employed (b x c), in pounds; and

   e. the total emissions of VOC from all the cleanup materials employed (summation of d for all cleanup materials), in pounds;

   f. the total emissions of VOC from all the coatings employed (summation of the daily VOC emission rates, from section A.III.1.e, for the calendar month), in pounds; and

   g. the total VOC emissions from all the coatings and cleanup materials employed (A.III.2.e + A.III.2.f), in pounds.

3. The permittee shall calculate and record each calendar year the total annual VOC emissions from all the coatings and cleanup materials employed, in tons, for this emissions unit (the annual VOC emissions shall be calculated by summing the monthly VOC emission rates, from section A.III.2.g above, for the calendar year, and then dividing by 2000).

4. The permittee shall collect and record the following information each month for this emissions unit:

   a. the name and identification number of each coating, as applied;

   b. the VOC content of each coating (in pounds/gallon, excluding water and exempt solvents), as applied; and

   c. A log of all time periods during which any non-metal portion of the parts was coated.

   (If the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.)

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IV. **Reporting Requirements**

1. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily VOC emission limitation of 81.6 pounds. All quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

2. The permittee shall submit annual reports that summarize the actual annual VOC emissions for this emissions unit. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

3. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any monthly record showing the use of noncomplying coatings (i.e., for VOC content). The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days following the end of the calendar month.

4. The permittee shall submit quarterly summaries that include a log of all time periods during which any non-metal portion of the parts was coated in this emissions unit. The quarterly reports shall be submitted by March 31, June 30, September 30, and December 31 of each year and shall cover the previous calendar quarter.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

   a. Emission Limitation:
      3.5 pounds VOC/gallon of coating (excluding water and exempt solvents)

      Applicable Compliance Method:

Compliance shall be based upon the record keeping requirements specified in section A.III.4 of this permit.

b. Emission Limitations:
81.6 lbs VOC/day, 5.21 tons VOC/yr (including cleanup)

Applicable Compliance Method:
The record keeping requirements established in section A.III.1 of this permit shall be used to demonstrate compliance with the daily allowable VOC emission limitation.

The record keeping requirements established in sections A.III.1, 2 and 3 of this permit shall be used to demonstrate compliance with the annual allowable VOC emission limitation.

2. Formulation data or USEPA Method 24 shall be used to determine the VOC contents of the coatings and cleanup materials.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: K031 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: K033 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
primer and adhesive coating operation with preheat ovens & dry filtration	OAC rule 3745-31-05 (PTI #03-13346)	from the primer coating operation: 61.8 lbs volatile organic compounds (VOC)/day 11.3 tons VOC/yr from the adhesive coating operation: 64.0 lbs VOC/day 11.7 tons VOC/yr from the cleanup operations: 6.76 lbs VOC/month 0.04 ton VOC/yr See A.I.2.c.
	OAC rule 3745-21-09(U)(2)(e)(ii)	for the primer coating operation: a maximum primer coating usage of 10 gallons/day (See A.I.2.d.) for the adhesive coating operation: a maximum adhesive coating usage of 10 gallons/day (See A.I.2.d.)
	OAC rule 3745-17-11 (B)	none (See A.I.2.a.)
	OAC rule 3745-17-07 (A)	none (See A.I.2.b.)

2. **Additional Terms and Conditions**

a. The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table 1 does not apply because the facility is located in Auglaize County.

b. This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07 (A), pursuant to OAC rule 3745-17-07 (A) (3) (h), because OAC rule 3745-17-11 is not applicable.

c. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(U)(2)(e).

d. This emissions unit consists of a primer coating operation and an adhesive coating operation separated by a drying oven, with each coating operation being subject to the coating usage limitation of 10 gallons per day [per OAC rule 3745-21-09 (U)(2)(e)]. Both coating operations meet the definition of a coating line per OAC rule 3745-21-01 (D)(10).

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall collect and record the following information each day for the primer coating operation associated with this emissions unit:

   a. The name and identification number of each coating employed.

   b. The volume, in gallons, of each coating employed.

   c. The total volume, in gallons, of all the coatings employed.

   d. The VOC content of each coating employed, in lbs/gallon, as applied.

   e. The VOC emission rate for each coating employed (d x b), in pounds.

   f. The total VOC emission rate for all the coatings employed (summation of e for all coatings), in pounds.

2. The permittee shall collect and record the following information each day for the adhesive coating operation associated with this emissions unit:

   a. The name and identification number of each coating employed.

   b. The volume, in gallons, of each coating employed.

   c. The total volume, in gallons, of all the coatings employed.

   d. The VOC content of each coating employed, in lbs/gallon, as applied.

   e. The VOC emission rate for each coating employed (d x b), in pounds.

   f. The total VOC emission rate for all the coatings employed (summation of e for all coatings), in pounds.

3. The permittee shall collect and record the following information each month for the cleanup operations associated with this emissions unit:

   a. The name and identification number of each cleanup material.

   b. The VOC content of each cleanup material employed, in pounds/gallon, as applied.

   c. The number of gallons of each cleanup material employed.

   d. The VOC emission rate for each cleanup material employed (b x c), in pounds.

   e. The total VOC emission rate for all the cleanup materials employed (summation of d for all cleanup materials), in pounds.

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IV. **Reporting Requirements**

1. The permittee shall submit quarterly deviation (excursion) reports that identify the following information:

   a. all exceedances of the daily VOC emission limitations of 61.8 pounds and 64.0 pounds (for the primer coating operation and the adhesive coating operation, respectively); and

   b. all exceedances of the monthly VOC emission limitation of 6.76 pounds (for the cleanup operations).

   All quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

2. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of each daily record showing an exceedance of the maximum daily coating usage limitation of 10 gallons (for the primer coating

operation and/or for the adhesive coating operation). The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 45 days after the exceedance occurs.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I.1. of these terms and conditions shall be determined in accordance with the following method(s):

a. Emission Limitations: 61.8 lbs VOC/day and 11.3 tons VOC/yr (from the primer coating operation)

Applicable Compliance Method:
Compliance with the daily allowable VOC emission limitation shall be based upon the record keeping requirements specified in Section A.III.1 of this permit.

As long as compliance with the daily limitation is maintained, compliance with the annual limitation shall be assumed (the annual limitation was calculated by multiplying the daily limitation by 365, and then dividing by 2000).

b. Usage Limitation:
10 gallons of primer coating/day

Applicable Compliance Method: Compliance shall be based upon the record keeping requirements specified in Section A.III.1 of this permit.

c. Emission Limitations:
64.0 lbs VOC/day and 11.7 tons VOC/yr (from the adhesive coating operation)

Applicable Compliance Method:
Compliance with the daily allowable VOC emission limitation shall be based upon the record keeping requirements specified in Section A.III.2 of this permit.

As long as compliance with the daily limitation is maintained, compliance with the annual limitation shall be assumed (the annual limitation was calculated by multiplying the daily limitation by 365, and then dividing by 2000).

d. Usage Limitation:
10 gallons of adhesive coating/day

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.2 of this permit.
e. Emission Limitations: 6.76 lbs VOC/month and 0.04 ton VOC/yr (for the cleanup operations)

Applicable Compliance Method:
Compliance with the monthly allowable VOC emission limitation shall be based upon the record keeping requirements specified in Section A.III.3 of this permit.

As long as compliance with the monthly limitation is maintained, compliance with the annual limitation shall be assumed (the annual limitation was calculated by multiplying the daily limitation by 12, and then dividing by 2000).

2. Formulation data or USEPA Method 24 shall be used to determine the VOC contents of the coatings and cleanup materials.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: K033 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
primer and adhesive coating operation with preheat vvens & dry filtration	none	none

2. **Additional Terms and Conditions**

   1. None

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II. **Operational Restrictions**

   1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. The permit to install for this emissions unit was evaluated based on the actual materials (typically coatings and cleanup materials) and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model (or other Ohio EPA approved model). The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

   Pollutant: Toluene*

   TLV (ug/m3): 188,000

   Maximum Hourly Emission Rate (lbs/hr): 3.50

   Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 136

   MAGLC (ug/m3): 4476

   * The following additional conservative assumptions were made in the Screen modeling:

   For emissions unit K033, the remaining emissions of toxic compounds in the coatings or cleanup materials were assumed to be toluene which has the lowest TLV of the remaining toxic compounds emitted in excess of 1 TPY.

2. Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the "Air Toxic Policy" is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will still be satisfied. If, upon evaluation, the permittee determines that the "Air Toxic Policy" will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxic Policy" include the following:

   a. changes in the composition of the materials used (coatings or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," than the lowest TLV value previously modeled;

   b. changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any pollutant with a listed TLV that was proposed in the application and modeled; and

   c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/ decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

   If the permittee determines that the "Air Toxic Policy" will be satisfied for the above changes, the Ohio EPA will not consider the change(s) to be a "modification" under OAC rule 3745-31-01(VV)(1)(a)(ii), and a modification of the existing permit to install will not be required. If the change(s) is (are) defined as a modification under other provisions of the modification definition (other than (VV)(1)(a)(ii)), then the permittee shall obtain a final permit to install prior to the change.

3. The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still satisfy the "Air Toxic Policy:"

   a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);

   b. documentation of its evaluation and determination that the changed emissions unit still satisfies the "Air Toxic Policy"; and

c. where computer modeling is performed, a copy of the resulting computer model runs that show the results of the application of the "Air Toxic Policy" for the change.

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Issuance type: Title V Proposed Permit

Part III - Terms and Conditions for Emissions Units

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Facility ID: 0306010138 Emissions Unit ID: P001 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
rust inhibitor dip tank	OAC rule 3745-21-09 (U)(1)(c)	3.5 pounds volatile organic compound (VOC) /gallon of coating, excluding water and exempt solvents

2. **Additional Terms and Conditions**

(a) None

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II. **Operational Restrictions**

1. Each material added to the dip tank shall comply with the VOC content limitation, on an "as applied" basis.

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall collect and record the following information each month for this emissions unit:

a. The name and identification number of each material added to the dip tank.

b. The VOC content of each material added to the dip tank, in lbs/gallon, excluding water and exempt solvents.

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IV. **Reporting Requirements**

1. The permittee shall notify the Director (Ohio EPA, Northwest District Office) in writing of any monthly record showing the use of noncomplying coating materials (i.e., for VOC content). The notification shall include a copy of such record and shall be sent to the Director (Ohio EPA, Northwest District Office) within 30 days following the end of the calendar month.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

   Emission Limitation:
   3.5 pounds VOC/gallon of coating (excluding water and exempt solvents)

   Compliance shall be based upon the record keeping requirements specified in section A.III.1 of this permit.

2. Formulation data or USEPA Method 24 shall be used to determine the VOC contents of the coatings.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: P001 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

   1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0306010138 Emissions Unit ID: P005 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
banbury mixer #2 (vented to 2 baghouses in series)	OAC rule 3745-17-11(B)	17.3 lbs particulate emissions (PE)/hr (for emissions units P005, P006, P017, and P083, combined)
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.
	OAC rule 3745-21-07(G)	none (See A.I.2.a.)

2. **Additional Terms and Conditions**

a. This emissions unit is located in Auglaize County (which is not a "Priority I" county as indicated in paragraph (A) of OAC rule 3745-21-06) and is not a "new source." Therefore, pursuant to OAC rule 3745-21-07(A), it is exempt from the requirements of OAC rule 3745-21-07(G).

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II. **Operational Restrictions**

1. The pressure drop across the primary baghouse shall be maintained within the range of 1 to 8 inches of water* while the emissions unit is in operation. The pressure drop across the secondary baghouse shall be maintained within the range of 0.5 to 4 inches of water* while the emissions unit is in operation.

   * The pressure drop range shall apply at all times, except during periods of rebagging and until sufficient filter cake is developed on the bags.

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across both baghouses while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across each baghouse on a weekly basis.

[Note that the permittee has automatic alarm systems in place.]

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IV. **Reporting Requirements**

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across either baghouse did not comply with the allowable range specified in section A.II.1 of the terms and conditions of this permit. All quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I.1. of these terms and conditions shall be determined in accordance with the following method(s):

a. Emission Limitation:
Visible PE shall not exceed 20% opacity, as a six-minute average, except as specified by rule.

Applicable Compliance Method:
If required, compliance shall be determined through visible emissions observations performed in accordance with OAC rule 3745-17-03(B)(1).

b. Emission Limitation:
17.3 lbs PE/hr (for emissions units P005, P006, P017, and P083, combined)

Applicable Compliance Method:
The permittee may determine compliance with the hourly allowable PE limitation by multiplying the emission factor [provided by the permittee] of 1.2 lbs PE/100 lbs of solid materials used by the maximum raw solid material usage rate (lbs/hr), and then multiplying by a control factor of (1 - 0.98).*

If required, the permittee shall demonstrate compliance with hourly allowable PE limitation in accordance with Methods 1 - 5 of 40 CFR, Part 60, Appendix A.

* The control efficiency of the baghouse is assumed to be 98%.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: P005 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: P006 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
banbury mixer #3 (vented to baghouse)	OAC rule 3745-17-11(B)	17.3 lbs particulate emissions (PE)/hr (for emissions units P005, P006, P017, and P083, combined)
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.
	OAC rule 3745-21-07(G)	none (See A.I.2.a.)

2. **Additional Terms and Conditions**

a. This emissions unit is located in Auglaize County (which is not a "Priority I" county as indicated in paragraph (A) of OAC rule 3745-21-06) and is not a "new source." Therefore, pursuant to OAC rule 3745-21-07(A), it is exempt from the requirements of OAC rule 3745-21-07(G).

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II. **Operational Restrictions**

1. The pressure drop across the primary baghouse shall be maintained within the range of 1 to 8 inches of water* while the emissions unit is in operation. The pressure drop across the secondary baghouse shall be maintained within the range of 0.5 to 4 inches of water* while the emissions unit is in operation.

   The pressure drop range shall apply at all times, except during periods of rebagging and until sufficient filter cake is developed on the bags.

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across both baghouses while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across each baghouse on a weekly basis.

   [Note that the permittee has automatic alarm systems in place.]

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IV. **Reporting Requirements**

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across either baghouse did not comply with the allowable range specified in section A.II.1 of the terms and conditions of this permit. All quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I.1. of these terms and conditions shall be determined in accordance with the following method(s):

   a. Emission Limitation:
      Visible PE shall not exceed 20% opacity, as a six-minute average, except as specified by rule.

      Applicable Compliance Method:
      If required, compliance shall be determined through visible emissions observations performed in accordance with OAC rule 3745-17-03(B)(1).

   b. Emission Limitation:
      17.3 lbs PE/hr (for emissions units P005, P006, P017, and P083, combined)

      Applicable Compliance Method:
      The permittee may determine compliance with the hourly allowable PE limitation by multiplying the emission factor [provided by the permittee] of 1.2 lbs PE/100 lbs of solid materials used by the maximum raw solid material usage rate (lbs/hr), and then multiplying by a control factor of (1 - 0.98).*

      If required, the permittee shall demonstrate compliance with hourly allowable PE limitation in accordance with Methods 1 - 5 of 40 CFR, Part 60, Appendix A.

      * The control efficiency of the baghouse is assumed to be 98%.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: P006 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: P017 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
banbury mixer #1 (vented to baghouse)	OAC rule 3745-31-05 (A)(3)	0.07 lb particulate emissions (PE)/hr

(PTI #03-10885)	0.32 ton PE/yr 1.66 lbs organic compounds (OC)/hr 7.27 tons OC/yr The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A) and 3745-21-07(G). See A.I.2.a.
OAC rule 3745-17-11(B)	17.3 lbs particulate emissions (PE)/hr (for emissions units P005, P006, P017, and P083, combined) (See A.I.2.b.)
OAC rule 3745-17-07(A)	Visible PE shall not exceed 20% opacity, as a six-minute average, exept as specified by rule.

2. **Additional Terms and Conditions**

a. Best available technology (BAT) has been determined to be the use of a baghouse to control all the PE from this emissions unit.

b. The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05 (A)(3).

c. The hourly OC emission limitation was established for PTI purposes to reflect the emissions unit's potential to emit. Therefore, no hourly monitoring, record keeping, or reporting requirements are necessary to ensure compliance with this limit.

d. This emissions unit is not subject to OAC rule 3745-21-07(G)(2) as determined by the Ohio Supreme Court in Ashland Chem. Co. v. Jones (2001), 92 Ohio St.3.d 234.

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II. **Operational Restrictions**

1. The pressure drop across the baghouse shall be maintained within the range of 1 to 8 inches of water* while the emissions unit is in operation.

* The pressure drop range shall apply at all times, except during periods of rebagging until sufficient filter cake is developed on the bags.

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a weekly basis.

[Note that the permittee has automatic alarm systems in place.]

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IV. **Reporting Requirements**

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified in section A.II.1 of the terms and conditions of this permit. All quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

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V. **Testing Requirements**

1. Compliance with the emission limitation(s) specified in section A.I. of the terms and conditions of this permit shall be determined in accordance with the following method(s):

a. Emission Limitations:
0.07 lb PE/hr and 0.32 TPY PE (for this emissions unit)

Applicable Compliance Method:
The permittee may determine compliance with the hourly allowable PE limitation by multiplying the emission factor [provided by the Rubber Manufacturing Association (revised 06/99)] of 0.0009 lb PE/lb rubber by the maximum raw material usage rate (lbs/hr), and then multiplying by a control factor of (1 - 0.98).*

Compliance with the annual PE limitation shall be assumed as long as compliance with the hourly PE limitation is maintained (the annual PE limitation was determined by multiplying the hourly PE limitation by 8760, and then dividing by 2000).

If required, the permittee shall demonstrate compliance with hourly allowable PE limitation in accordance with Methods 1 - 5 of 40 CFR, Part 60, Appendix A.

* The control efficiency of the baghouse is assumed to be 98%.

b. Emission Limitations:
1.66 lbs OC/hr and 7.27 TPY OC

Applicable Compliance Method:
The permittee may determine compliance with the hourly allowable OC emission limitation by multiplying the emission factor [provided by the Rubber Manufacturing Association (revised 06/99)] of 0.00215 lb OC/lb rubber by the maximum raw material usage rate (lbs/hr).

Compliance with the annual OC emission limitation shall be assumed as long as compliance with the hourly OC emission limitation is maintained (the annual OC emission limitation was determined by multiplying the hourly OC emission limitation by 8760, and then dividing by 2000).

If required, the permittee shall determine compliance with the hourly OC emission libation in accordance with Methods 18, 25, or 25A, as appropriate, of 40 CFR, Part 60, Appendix A.

c. Emission Limitation:
Visible PE shall not exceed 20% opacity, as a six-minute average, except as specified by rule.

Applicable Compliance Method:
If required, compliance shall be determined through visible emissions observations performed in accordance with OAC rule 3745-17-03(B)(1).

d. Emission Limitation:
17.3 lbs PE/hr (for emissions units P005, P006, P017, and P083, combined)

Applicable Compliance Method:
The permittee may determine compliance with the hourly allowable PE limitation by multiplying the emission factor [provided by the permittee] of 1.2 lbs PE/100 lbs of solid materials used by the maximum raw solid material usage rate (lbs/hr), and then multiplying by a control factor of (1 - 0.98).*

If required, the permittee shall demonstrate compliance with hourly allowable PE limitation in accordance with Methods 1 - 5 of 40 CFR, Part 60, Appendix A.

* The control efficiency of the baghouse is assumed to be 98%.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: P017 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control

Measures

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0306010138 Emissions Unit ID: P021 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
tumbleblaster #1, with baghouse	OAC rule 3745-17-07(A)	Visible particulate emissions (PE) shall not exceed 20% opacity, as a six-minute average, exept as provided by rule.
	OAC rule 3745-17-11(B)	12.4 lbs PE/hr (See A.I.2.a.)

2. **Additional Terms and Conditions**

a. The PE limitation of 12.4 lbs/hr represents an allowable PE rate for emissions units P021, P022, P023, P025, P026, and P028, combined. The allowable PE limitation (from Figure II of OAC rule 3745-17-11) was based on the maximum uncontrolled emission rate for emissions units P021, P022, P023,

P025, P026, and P028, combined (these emissions units are united either physically or operationally). [Table I does not apply since the facility is located in Auglaize County.]

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II. **Operational Restrictions**

1. The pressure drop across the baghouse shall be maintained within the range of 1 to 8 inches of water* while the emissions unit is in operation.

   * The pressure drop range shall apply at all times, except during periods of rebagging until sufficient filter cake is developed on the bags.

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a weekly basis.

   [Note that the permittee has automatic alarm systems in place.]

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IV. **Reporting Requirements**

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified in section A.II.1 of the terms and conditions of this permit. All quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

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V. **Testing Requirements**

1. Compliance with the emission limitation(s) specified in section A.I. of the terms and conditions of this permit shall be determined in accordance with the following method(s):

   a. Emission Limitation:
      Visible PE shall not exceed 20% opacity, as a six-minute average, exept as specified by rule.

      Applicable Compliance Method:
      If required, compliance shall be determined through visible emissions observations performed in accordance OAC rule 3745-17-03(B)(1).

   b. Emission Limitation:
      12.4 lbs PE/hr

      Applicable Compliance Method:
      The permittee may determine compliance with the hourly allowable PE limitation by multiplying a maximum outlet concentration of 0.02 grain/dscf* by the total maximum volumetric air flow rate (26,300 acfm)**, and dividing by 7000, and then multiplying by 60.

      If required, compliance with the hourly allowable PE limitation shall be determined in accordance with OAC rule 3745-17-03(B)(10).

      * based on information supplied by the manufacturer

      ** the 26,300 acfm is the maximum volumetric air flow rate for emissions units P021, P022, P023, P025, P026 and P028, combined

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: P021 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0306010138 Emissions Unit ID: P022 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
tumbleblaster #2, with 2 baghouses in series	OAC rule 3745-17-07(A)	Visible particulate emissions (PE) shall not exceed 20% opacity, as a six-minute average, exept as provided by rule.
	OAC rule 3745-17-11(B)	12.4 lbs PE/hr (See A.I.2.a.)

2. **Additional Terms and Conditions**

a. The PE limitation of 12.4 lbs/hr represents an allowable PE rate for emissions units P021, P022, P023, P025, P026, and P028, combined. The allowable PE limitation (from Figure II of OAC rule 3745-17-11) was based on the maximum uncontrolled emission rate for emissions units P021, P022, P023, P025, P026, and P028, combined (these emissions units are united either physically or operationally). [Table I does not apply since the facility is located in Auglaize County.]

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II. **Operational Restrictions**

1. The pressure drop across the primary baghouse shall be maintained within the range of 1 to 8 inches of water* while the emissions unit is in operation. The pressure drop across the secondary baghouse shall be maintained within the range of 0.5 to 4 inches of water* while the emissions unit is in operation.

The pressure drop range shall apply at all times, except during periods of rebagging and until sufficient filter cake is developed on the bags.

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across both baghouses while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across each baghouse on a weekly basis.

[Note that the permittee has automatic alarm systems in place.]

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IV. **Reporting Requirements**

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across either baghouse did not comply with the allowable range specified in section A.II.1 of the terms and conditions of this permit. All quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

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V. **Testing Requirements**

1. Compliance with the emission limitation(s) specified in section A.I. of the terms and conditions of this permit shall be determined in accordance with the following method(s):

a. Emission Limitation:
Visible PE shall not exceed 20% opacity, as a six-minute average, exept as specified by rule.

Applicable Compliance Method:
If required, compliance shall be determined through visible emissions observations performed in accordance OAC rule 3745-17-03(B)(1).

b. Emission Limitation:
12.4 lbs PE/hr

Applicable Compliance Method:
The permittee may determine compliance with the hourly allowable PE limitation by multiplying a maximum outlet concentration of 0.02 grain/dscf* by the total maximum volumetric air flow rate (26,300 acfm)**, and dividing by 7000, and then multiplying by 60.

If required, compliance with the hourly allowable PE limitation shall be determined in accordance with OAC rule 3745-17-03(B)(10).

* based on information supplied by the manufacturer

** the 26,300 acfm is the maximum volumetric air flow rate for emissions units P021, P022, P023, P025, P026 and P028, combined

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: P022 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: P023 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
tumbleblaster #3, with 2 baghouses in series	OAC rule 3745-17-07(A)	Visible particulate emissions (PE) shall not exceed 20% opacity, as a six-minute average, exept as provided by rule.
	OAC rule 3745-17-11(B)	12.4 lbs PE/hr (See A.I.2.a.)

2. **Additional Terms and Conditions**

a. The PE limitation of 12.4 lbs/hr represents an allowable PE rate for emissions units P021, P022, P023, P025, P026, and P028, combined. The allowable PE limitation (from Figure II of OAC rule 3745-17-11) was based on the maximum uncontrolled emission rate for emissions units P021, P022, P023, P025, P026, and P028, combined (these emissions units are united either physically or operationally). [Table I does not apply since the facility is located in Auglaize County.]

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II. **Operational Restrictions**

1. The pressure drop across the primary baghouse shall be maintained within the range of 1 to 8 inches of water* while the emissions unit is in operation. The pressure drop across the secondary baghouse shall be maintained within the range of 0.5 to 4 inches of water* while the emissions unit is in operation.

The pressure drop range shall apply at all times, except during periods of rebagging and until sufficient filter cake is developed on the bags.

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across both baghouses while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across each baghouse on a weekly basis.

[Note that the permittee has automatic alarm systems in place.]

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IV. **Reporting Requirements**

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across either baghouse did not comply with the allowable range specified in section A.II.1 of the terms and conditions of this permit. All quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

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V. **Testing Requirements**

1. Compliance with the emission limitation(s) specified in section A.I. of the terms and conditions of this permit shall be determined in accordance with the following method(s):

a. Emission Limitation:
Visible PE shall not exceed 20% opacity, as a six-minute average, exept as specified by rule.

Applicable Compliance Method:
If required, compliance shall be determined through visible emissions observations performed in accordance OAC rule 3745-17-03(B)(1).

b. Emission Limitation:
12.4 lbs PE/hr

Applicable Compliance Method:
The permittee may determine compliance with the hourly allowable PE limitation by multiplying a maximum outlet concentration of 0.02 grain/dscf* by the total maximum volumetric air flow rate (26,300 acfm)**, and dividing by 7000, and then multiplying by 60.

If required, compliance with the hourly allowable PE limitation shall be determined in accordance with OAC rule 3745-17-03(B)(10).

* based on information supplied by the manufacturer

** the 26,300 acfm is the maximum volumetric air flow rate for emissions units P021, P022, P023, P025, P026 and P028, combined

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: P023 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: P025 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
tumbleblaster #5, with 2 baghouses in series	OAC rule 3745-17-07(A)	Visible particulate emissions (PE) shall not exceed 20% opacity, as a six-minute average, exept as provided by rule.
	OAC rule 3745-17-11(B)	12.4 lbs PE/hr (See A.I.2.a.)

2. **Additional Terms and Conditions**

a. The PE limitation of 12.4 lbs/hr represents an allowable PE rate for emissions units P021, P022, P023, P025, P026, and P028, combined. The allowable PE limitation (from Figure II of OAC rule 3745-17-11) was based on the maximum uncontrolled emission rate for emissions units P021, P022, P023, P025, P026, and P028, combined (these emissions units are united either physically or operationally). [Table I does not apply since the facility is located in Auglaize County.]

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II. **Operational Restrictions**

1. The pressure drop across the primary baghouse shall be maintained within the range of 1 to 8 inches of water* while the emissions unit is in operation. The pressure drop across the secondary baghouse shall be maintained within the range of 0.5 to 4 inches of water* while the emissions unit is in operation.

   The pressure drop range shall apply at all times, except during periods of rebagging and until sufficient filter cake is developed on the bags.

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across both baghouses while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated

and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across each baghouse on a weekly basis.

[Note that the permittee has automatic alarm systems in place.]

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IV. **Reporting Requirements**

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across either baghouse did not comply with the allowable range specified in section A.II.1 of the terms and conditions of this permit. All quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

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V. **Testing Requirements**

1. Compliance with the emission limitation(s) specified in section A.I. of the terms and conditions of this permit shall be determined in accordance with the following method(s):

a. Emission Limitation:
Visible PE shall not exceed 20% opacity, as a six-minute average, exept as specified by rule.

Applicable Compliance Method:
If required, compliance shall be determined through visible emissions observations performed in accordance OAC rule 3745-17-03(B)(1).

b. Emission Limitation:
12.4 lbs PE/hr

Applicable Compliance Method:
The permittee may determine compliance with the hourly allowable PE limitation by multiplying a maximum outlet concentration of 0.02 grain/dscf* by the total maximum volumetric air flow rate (26,300 acfm)**, and dividing by 7000, and then multiplying by 60.

If required, compliance with the hourly allowable PE limitation shall be determined in accordance with OAC rule 3745-17-03(B)(10).

* based on information supplied by the manufacturer

** the 26,300 acfm is the maximum volumetric air flow rate for emissions units P021, P022, P023, P025, P026 and P028, combined

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: P025 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control

Measures

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Issuance type: Title V Proposed Permit

Part III - Terms and Conditions for Emissions Units

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Facility ID: 0306010138 Emissions Unit ID: P026 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
shot peening maching #1, with 2 baghouses in series	OAC rule 3745-17-07(A)	Visible particulate emissions (PE) shall not exceed 20% opacity, as a six-minute average, exept as provided by rule.
	OAC rule 3745-17-11(B)	12.4 lbs PE/hr (See A.I.2.a.)

2. **Additional Terms and Conditions**

a. The PE limitation of 12.4 lbs/hr represents an allowable PE rate for emissions units P021, P022, P023, P025, P026, and P028, combined. The allowable PE limitation (from Figure II of OAC rule 3745-17-11) was based on the maximum uncontrolled emission rate for emissions units P021, P022, P023, P025, P026, and P028, combined (these emissions units are united either physically or operationally).

[Table I does not apply since the facility is located in Auglaize County.]

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II. **Operational Restrictions**

1. The pressure drop across the primary baghouse shall be maintained within the range of 1 to 8 inches of water* while the emissions unit is in operation. The pressure drop across the secondary baghouse shall be maintained within the range of 0.5 to 4 inches of water* while the emissions unit is in operation.

   The pressure drop range shall apply at all times, except during periods of rebagging and until sufficient filter cake is developed on the bags.

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across both baghouses while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across each baghouse on a weekly basis.

   [Note that the permittee has automatic alarm systems in place.]

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IV. **Reporting Requirements**

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across either baghouse did not comply with the allowable range specified in section A.II.1 of the terms and conditions of this permit. All quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

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V. **Testing Requirements**

1. Compliance with the emission limitation(s) specified in section A.I. of the terms and conditions of this permit shall be determined in accordance with the following method(s):

   a. Emission Limitation:
      Visible PE shall not exceed 20% opacity, as a six-minute average, exept as specified by rule.

      Applicable Compliance Method:
      If required, compliance shall be determined through visible emissions observations performed in accordance OAC rule 3745-17-03(B)(1).

   b. Emission Limitation:
      12.4 lbs PE/hr

      Applicable Compliance Method:
      The permittee may determine compliance with the hourly allowable PE limitation by multiplying a maximum outlet concentration of 0.02 grain/dscf* by the total maximum volumetric air flow rate (26,300 acfm)**, and dividing by 7000, and then multiplying by 60.

      If required, compliance with the hourly allowable PE limitation shall be determined in accordance with OAC rule 3745-17-03(B)(10).

      * based on information supplied by the manufacturer

      ** the 26,300 acfm is the maximum volumetric air flow rate for emissions units P021, P022, P023, P025, P026 and P028, combined

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: P026 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Issuance type: Title V Proposed Permit

Part III - Terms and Conditions for Emissions Units

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Facility ID: 0306010138 Emissions Unit ID: P028 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
shot peening maching #2, with 2 baghouses in series	OAC rule 3745-17-07(A)	Visible particulate emissions (PE) shall not exceed 20% opacity, as a six-minute average, exept as provided by rule.
	OAC rule 3745-17-11(B)	12.4 lbs PE/hr (See A.I.2.a.)

2. **Additional Terms and Conditions**

a. The PE limitation of 12.4 lbs/hr represents an allowable PE rate for emissions units P021, P022, P023, P025, P026, and P028, combined. The allowable PE limitation (from Figure II of OAC rule 3745-17-11) was based on the maximum uncontrolled emission rate for emissions units P021, P022, P023, P025, P026, and P028, combined (these emissions units are united either physically or operationally). [Table I does not apply since the facility is located in Auglaize County.]

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II. **Operational Restrictions**

1. The pressure drop across the primary baghouse shall be maintained within the range of 1 to 8 inches of water* while the emissions unit is in operation. The pressure drop across the secondary baghouse shall be maintained within the range of 0.5 to 4 inches of water* while the emissions unit is in operation.

The pressure drop range shall apply at all times, except during periods of rebagging and until sufficient filter cake is developed on the bags.

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across both baghouses while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across each baghouse on a weekly basis.

[Note that the permittee has automatic alarm systems in place.]

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IV. **Reporting Requirements**

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across either baghouse did not comply with the allowable range specified in section A.II.1 of the terms and conditions of this permit. All quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

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V. **Testing Requirements**

1. Compliance with the emission limitation(s) specified in section A.I. of the terms and conditions of this permit shall be determined in accordance with the following method(s):

a. Emission Limitation:
Visible PE shall not exceed 20% opacity, as a six-minute average, exept as specified by rule.

Applicable Compliance Method:
If required, compliance shall be determined through visible emissions observations performed in accordance OAC rule 3745-17-03(B)(1).

b. Emission Limitation:
12.4 lbs PE/hr

Applicable Compliance Method:
The permittee may determine compliance with the hourly allowable PE limitation by multiplying a maximum outlet concentration of 0.02 grain/dscf* by the total maximum volumetric air flow rate (26,300 acfm)**, and dividing by 7000, and then multiplying by 60.

If required, compliance with the hourly allowable PE limitation shall be determined in accordance with OAC rule 3745-17-03(B)(10).

* based on information supplied by the manufacturer

** the 26,300 acfm is the maximum volumetric air flow rate for emissions units P021, P022, P023, P025, P026 and P028, combined

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: P028 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0306010138 Emissions Unit ID: P034 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
empty bag collector, with cyclone	OAC rule 3745-31-05 (A)(3) (PTI #03-2106)	See A.I.2.a.
	OAC rule 3745-17-07 (A)	Visible particulate emissions (PE) shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)	4.36 lbs PE/hr

2. **Additional Terms and Conditions**

a. The requirements of this rule are equivalent to the requirements of OAC rules 3745-17-07(A) and 3745-17-11(B).

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II. **Operational Restrictions**

1. The permittee shall employ a cyclone to control all the PE from this emissions unit.

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall perform weekly checks, when the emissions unit is in operation (emissions point inside building), for any visible particulate emissions from the baghouse serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:

a. the color of the emissions;
b. whether the emissions are representative of normal operations;
c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
d. the total duration of any visible emission incident; and
e. any corrective actions taken to eliminate the visible emissions.

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IV. **Reporting Requirements**

1. The permittee shall submit semiannual written reports that (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the Ohio EPA, Northwest District Office) by January 31 and July 31 of each year and shall cover the previous 6-month period.

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V. **Testing Requirements**

1. Compliance Methods Requirements: Compliance with the emission limitation(s) in section A.I. of the terms and conditions of this permit shall be determined in accordance with the following method(s):

a. Emission Limitation:
Visible PE shall not exceed 20% opacity, as a six-minute average, exept as specified by rule.

Applicable Compliance Method:
If required, compliance shall be determined through visible emissions observations performed in accordance OAC rule 3745-17-03(B)(1).

b. Emission limitation:
4.36 lbs PE/hr

Applicable compliance method:
If required, compliance with the hourly allowable PE limitation shall be determined in accordance with OAC rule 3745-17-03(B)(10).

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: P034 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0306010138 Emissions Unit ID: P066 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
banbury chemical blending equipment, with baghouse	OAC rule 3745-31-05 (A)(3) (PTI #03-6916)	0.48 lb particulate emissions (PE)/hr See A.I.2.a.
	OAC rule 3745-17-07 (A)	none (See A.I.2.b.)
	OAC rule 3745-17-11	none (See A.I.2.c.)

2. **Additional Terms and Conditions**

a. Best available technology (BAT) has been determined to be the use of a baghouse to control all the PE from this emissions unit.

b. This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

c. The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.

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II. **Operational Restrictions**

1. The pressure drop across the baghouse shall be maintained within the range of 1 to 8 inches of water* while the emissions unit is in operation.

   * The pressure drop range shall apply at all times, except during periods of rebagging until sufficient filter cake is developed on the bags.

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a weekly basis.

[Note that the permittee has automatic alarm systems in place.]

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IV. **Reporting Requirements**

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified in section A.II.1 of the terms and conditions of this permit. All quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

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V. **Testing Requirements**

1. Compliance with the emission limitation(s) specified in section A.I. of the terms and conditions of this permit shall be determined in accordance with the following method(s):
Emission limitation:
0.48 lb PE/hr

Applicable compliance method:
The permittee may determine compliance with the hourly PE limitation by multiplying the maximum process weight rate (lbs/hr) by the emission factor [from the Rubber Manufacturers Association (revised 06/99)] of 0.0009 lb PE/ lb rubber and by a control factor of (1 - 0.99).*

If required, compliance with the hourly allowable PE limitation shall be determined in accordance with Methods 1 - 5 of 40 CFR, Part 60, Appendix A.

* The control efficiency of the baghouse is assumed to be 99%.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: P066 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0306010138 Emissions Unit ID: P080 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
banbury chemical bagging and weighup area, with baghouse	OAC rule 3745-31-05(A)(3) (PTI #03-8008)	0.24 lb particulate emissions (PE)/hr See A.I.2.a. The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A).
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)	See A.I.2.b.

2. **Additional Terms and Conditions**

a. Best available technology (BAT) has been determined to be the use of a baghouse to control all the PE from this emissions unit.

b. The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3475-31-05 (A)(3).

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II. **Operational Restrictions**

1. The pressure drop across the baghouse shall be maintained within the range of 1 to 8 inches of water* while

the emissions unit is in operation.

* The pressure drop range shall apply at all times, except during periods of rebagging until sufficient filter cake is developed on the bags.

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a weekly basis.

   [Note that the permittee has automatic alarm systems in place.]

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IV. **Reporting Requirements**

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified in section A.II.1 of the terms and conditions of this permit. All quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

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V. **Testing Requirements**

1. Compliance with the emission limitation(s) in section A.I. of the terms and conditions of this permit shall be determined in accordance with the following method(s):

   a. Emission limitation:
      0.24 lb PE/hr

      Applicable compliance method:
      The permittee shall demonstrate compliance with the hourly allowable PE limitation based on the results of emission testing conducted in accordance with Methods 1 - 5 of 40 CFR, Part 60, Appendix A.

   b. Emission Limitation:
      Visible PE shall not exceed 20% opacity, as a six-minute average, exept as specified by rule.

      Applicable Compliance Method:
      If required, compliance shall be determined through visible emissions observations performed in accordance OAC rule 3745-17-03(B)(1).

2. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

   a. The emission testing shall be conducted within 3 months after permit issuance and within 6 months prior to permit expiration.

   b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate for PE.

   c. The following test methods shall be employed to demonstrate compliance with the allowable mass emission rate for PE: Methods 1 - 5 of 40 CFR Part 60, Appendix A.

   d. The tests shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA, Northwest District Office.

3. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Northwest District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA, Northwest District Office's refusal to accept the results of the emission test(s).

   Personnel from the Ohio EPA, Northwest District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

   A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Northwest District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Northwest District Office.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: P080 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Issuance type: Title V Proposed Permit

Part III - Terms and Conditions for Emissions Units

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Facility ID: 0306010138 Emissions Unit ID: P083 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
banbury mixer #4 (vented to baghouse)	OAC rule 3745-17-11(B)	17.3 lbs particulate emissions (PE)/hr (for emissions units P005, P006, P017, and P083, combined)
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.
	OAC rule 3745-21-07(G)	none (See A.I.2.a.)

2. **Additional Terms and Conditions**

a. This emissions unit is located in Auglaize County (which is not a "Priority I" county as indicated in paragraph (A) of OAC rule 3745-21-06) and is not a "new source." Therefore, pursuant to OAC rule 3745-21-07(A), it is exempt from the requirements of OAC rule 3745-21-07(G).

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II. **Operational Restrictions**

1. The pressure drop across the baghouse shall be maintained within the range of 1 to 8 inches of water* while the emissions unit is in operation.

* The pressure drop range shall apply at all times, except during periods of rebagging until sufficient filter cake is developed on the bags.

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a weekly basis.

[Note that the permittee has automatic alarm systems in place.]

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IV. **Reporting Requirements**

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified in section A.II.1 of the terms and conditions of this permit. All quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I.1. of these terms and conditions shall be determined in accordance with the following method(s):

a. Emission Limitation:
Visible PE shall not exceed 20% opacity, as a six-minute average, except as specified by rule.

Applicable Compliance Method:
If required, compliance shall be determined through visible emissions observations performed in accordance with OAC rule 3745-17-03(B)(1).

b. Emission Limitation:
17.3 lbs PE/hr (for emissions units P005, P006, P017, and P083, combined)

Applicable Compliance Method:
The permittee may determine compliance with the hourly allowable PE limitation by multiplying the emission factor [provided by the permittee] of 1.2 lbs PE/100 lbs of solid materials used by the maximum raw solid material usage rate (lbs/hr), and then multiplying by a control factor of (1 - 0.98).*

If required, the permittee shall demonstrate compliance with hourly allowable PE limitation in accordance with Methods 1 - 5 of 40 CFR, Part 60, Appendix A.

* The control efficiency of the baghouse is assumed to be 98%.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: P083 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Issuance type: Title V Proposed Permit

Part III - Terms and Conditions for Emissions Units

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Facility ID: 0306010138 Emissions Unit ID: R010 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
#3 paint spray booth (wheels)	OAC rule 3745-21-09(U)(2)(e)	coating usage shall not exceed 10 gallons per day
	OAC rule 3745-17-11(B)	none (See A.I.2.a.)
	OAC rule 3745-17-07(A)	none (See A.I.2.b.)

2. **Additional Terms and Conditions**

a. The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.

b. This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall collect and record the following information each day for this emissions unit:

a. The name and identification number of each coating employed.

b. The volume, in gallons, of each coating employed.

c. The total volume, in gallons, of all the coatings employed.

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IV. **Reporting Requirements**

1. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the coating line employed more than the applicable maximum daily coating usage limitation of 10 gallons. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 45 days after the exceedance occurs.

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V. **Testing Requirements**

1. Compliance with the limitation in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

   Usage Limitation:
   coating usage shall not exceed 10 gallons per day

   Applicable compliance method:
   The record keeping in Section A.III.1 of this permit shall be used to determine compliance with the coating usage restriction.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0306010138 Emissions Unit ID: R010 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None