

Facility ID: 1652050085 Issuance type: Final State Permit To Operate

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 II" and before "A. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

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Facility ID: 1652050085 Emissions Unit ID: K001 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
spray booth - miscellaneous metal parts coating line	OAC rule 3745-21-09(U)(2)(e)(ii)	See B.1 below.

2. Additional Terms and Conditions

- (a) None

B. Operational Restrictions

1. The permittee shall employ no more than 3 gallons of coatings per day in this emissions unit.

C. 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 of the coatings employed.

D. Reporting Requirements

1. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any daily record showing that the coating line employs more than the applicable maximum daily coating usage limit. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 45 days after the exceedance occurs.

E. Testing Requirements

- 1. None
- F. **Miscellaneous Requirements**
- 1. None

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Facility ID: 1652050085 Emissions Unit ID: K002 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

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- 1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
- 2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Binks spray booth - brake pads	OAC rule 3745-31-05 (PTI 16-1369)	See B.2 and B.3 below. 35.74 lbs/day of volatile organic compounds (VOC), includes emission of individual compounds and cleanup material 15.66 lbs/day of toluene
	OAC rule 3745-21-09(U)(2)(e)(ii)	See B.1 below.

- 2. **Additional Terms and Conditions**
 - (a) None

B. Operational Restrictions

- 1. The permittee shall employ no more than 3 gallons of coatings per day in this emissions unit.
- 2. The permittee shall maintain exhaust filters to control overspray.
- 3. The permittee shall be limited to the usage of 2 gallons per day of zinc chromate primer, as applied, and 5 pounds per day of gray primer.

C. Monitoring and/or Record Keeping Requirements

- 1. The permittee shall maintain daily records of the total coating usage, in gallons, the zinc chromate primer usage, in gallons, and the gray primer usage, in pounds.
- 2. The permittee shall collect and record the following information for each month for the coating operation:
 - a. the company identification for each coating and cleanup material employed;
 - b. the number of gallons of each coating and cleanup material employed;
 - c. the VOC content of each coating and cleanup material, in pounds per gallon;
 - d. the toluene content of each coating and cleanup material, in pounds per gallon;
 - e. the total VOC emission rate for all coatings and cleanup materials, in pounds per month;
 - f. the total toluene emission rate for all coatings and cleanup materials, in pounds per month;
 - g. the total number of days the emissions unit was in operation;
 - h. the average daily VOC emission rate for all coatings and cleanup materials [i.e., (e)/(g)], in pounds per day (average); and
 - i. the average daily toluene emission rate for all coatings and cleanup materials [i.e., (f)/(g)], in pounds per day (average).

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit.]

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:
 - a. an identification of each month during which the average daily total VOC emissions exceeded 35.74 lbs/day, and the actual average daily VOC emissions for each such month; and
 - b. an identification of each month during which the average daily toluene emissions exceeded 15.66 lbs/day, and the actual average daily toluene emissions for each such month.
2. The deviation reports shall be submitted in accordance with the requirements specified in the General Terms and Conditions.
3. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any daily record showing that the coating line employs more than the applicable maximum daily coating usage limits. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 45 days after the exceedance occurs.

E. Testing Requirements

1. Compliance with the emission limitations in Section A.1 of these terms and conditions shall be determined in accordance with the following methods:
Emission Limitation:

35.74 lbs/day of VOC

Applicable Compliance Method:

The permittee shall demonstrate compliance with the above emission limit based upon the record keeping requirements in Section C.2.

USEPA Method 24 shall be used to determine the VOC contents for the coatings. If, pursuant to Section 4.3 of Method 24, 40 CFR Part 60, Appendix A, the permittee determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.
Emission Limitation:

15.66 lbs/day of toluene

Applicable Compliance Method:

The permittee shall demonstrate compliance with the above emission limit based upon the record keeping requirements in Section C.2.

Formulation data shall be used to determine the toluene contents for the coatings and cleanup materials.

F. Miscellaneous Requirements

1. None

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Facility ID: 1652050085 Emissions Unit ID: K004 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control</u>
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K004 - Shoe Dip Line - coating steel cores.	OAC rule 3745-31-05(A)(3) (PTI 16-02338)	Measures 7.14 pounds of organic compounds (OC) per hour for coatings 31.27 tons of OC per year for coatings The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(U)(1)(i). 3.0 pounds VOC per gallon of coating, excluding water and exempt solvents
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2. Additional Terms and Conditions

- (a) The hourly OC emission limitation regulated per OAC rule 3745-31-05(A)(3) is based on the emissions unit's potential to emit. Therefore, no record keeping or reporting is required to demonstrate compliance with this limit.

However, if any proposed change(s), such as with production capacity, the types and/or quantities of materials used or processed, or anything else that increases the potential emissions of any air pollutant, then the permittee shall apply for and obtain either a modification to the permit to install or a new final permit to install prior to the change(s).

B. Operational Restrictions

- 1. None

C. Monitoring and/or Record Keeping Requirements

- 1. The permittee shall collect and record the following information each month for the line:
 - a. the name and identification number of each coating, as applied; and
 - b. the VOC content of each coating (excluding water and exempt solvents), as applied.
- 2. The permittee shall collect and record the following information each month for the purpose of determining annual OC emissions:
 - a. the name and identification of each coating employed;
 - b. the OC content of each coating, in pounds per gallon or weight fraction;
 - c. the number of gallons or pounds of each coating employed; and
 - e. the total OC emissions from all coatings employed, in tons per month (i.e., (b) times (c), and then divide by 2000 pounds per ton).
- 3. The permit to install for this emissions unit (K004) 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: Acetone
 TLV (mg/m3): 1187
 Maximum Hourly Emission Rate (lbs/hr): 6.54
 Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 302.7

MAGLC (ug/m3): 28,261.9
 Pollutant: Isopropyl Alcohol
 TLV (mg/m3): 983
 Maximum Hourly Emission Rate (lb/hr): 0.50

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 23.14
 MAGLC (ug/m3): 23,404.8

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 still 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 (typically for 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.

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.

D. Reporting Requirements

1. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any monthly record showing the use of noncomplying coatings. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days following the end of the calendar month.
2. The permittee shall also submit annual reports which specify the total OC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

E. Testing Requirements

1. Compliance with the emission limitation in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):
Emission Limitation:

3.0 pounds VOC per gallon of coating, excluding water and exempt solvents

Applicable Compliance Method:

Compliance shall be based upon the record keeping requirements specified in Section C.1 of these terms and conditions. In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24 shall be used to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

Emission Limitation:

7.14 pounds of OC per hour for coatings

Applicable Compliance Method:

Multiply the maximum gallons of coating per hour (1.2 gallons per hour) times the coating density (7.04 pounds per gallon) times weight fraction of OC (0.845).

Emission Limitation:

31.3 tons of OC per year for coatings

Applicable Compliance Method:

Compliance shall be based upon record keeping requirements specified in Section C.2 of these terms and conditions.

F. Miscellaneous Requirements

1. None

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Facility ID: 1652050085 Emissions Unit ID: N002 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

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1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the

exception of those listed below which are enforceable under state law only.

- (a) None.
- 2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
N002 - Controlled pyrolysis cleaning furnace - Cleaning furnace No. 1.	OAC rule 3745-31-05(A)(3) (PTI 16-02338)	0.02 pound of particulate emissions (PE) per hour
		0.09 ton of PE per year
		0.05 pound of carbon monoxide (CO) per hour
		0.22 ton of CO per year
		0.05 pound of nitrogen oxides (NOx) per hour
		0.22 ton of NOx per year
		0.01 pound of sulfur dioxide (SO2) per hour
		0.04 ton of SO2 per year
		0.02 pound of organic compounds (OC) per hour
		0.09 ton of OC per year
		Visible particulate emissions from any stack shall not exceed five percent opacity, as a six-minute average.
		The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-09.
	OAC rule 3745-17-07(A)	The visible emission limitation specified by this rule is less stringent than the visible emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-09	0.20 pound of particulate emissions per one hundred pounds of liquid, semi-solid or solid refuse and salvageable material charged
		The incinerator, including all associated equipment and grounds, shall be designed, operated and maintained so as to prevent the emission of objectionable odors.

- 2. **Additional Terms and Conditions**
 - (a) None

B. Operational Restrictions

- 1. The permittee shall only burn natural gas as fuel in this emissions unit.
- 2. The permittee shall not process parts which may emit vapors of toxic metals such as lead or mercury.
- 3. The permittee shall not process parts or materials containing coatings or plastics which contain halogens such as chlorine, fluorine, or bromine.
- 4. No parts or materials shall be charged until sufficient time has been allowed for the preheating of the secondary chamber. Both the primary and secondary burners shall be kept in operation during the entire time the incinerator is in use. The auxiliary burner shall be fired until the necessary burn-down time is achieved.
- 5. The secondary chamber of the incinerator shall be maintained at a temperature of at least 1400 degrees Fahrenheit.

C. Monitoring and/or Record Keeping Requirements

- 1. The permittee shall maintain following information for this emissions unit:
 - a. the MSDS sheets for each material being removed from the salvageable material;
 - b. documentation as to whether or not the material being removed contains any toxic metals; and
 - c. documentation as to whether or not the material being removed contains any halogens.

2. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the temperature within the secondary chamber of the incinerator when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.
3. The permittee shall collect and record the following information for each day:
 - a. all 3-hour blocks of time during which the average combustion temperature within the secondary chamber of the incinerator, when the emissions unit was in operation, was less than 1400 degrees Fahrenheit; and
 - b. a log of the downtime for the control device and monitoring equipment, when the associated emissions unit was in operation.

D. Reporting Requirements

1. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any record showing the processing of material in the incinerator that is prohibited in sections B.2 and B.3 of these terms and conditions. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 45 days after such an occurrence.
2. The permittee shall submit deviation (excursion) reports which identify all 3-hour blocks of time during which the average temperature within the secondary chamber of the incinerator does not comply with the temperature limitation specified above.
3. The deviation reports shall be submitted in accordance with the requirements specified in the General Terms and Conditions.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):

Emission Limitation

0.02 pound of PE per hour

Applicable Compliance Method

Multiply the allowable emission limitation of 0.20 pound of particulate emissions per one hundred pounds of liquid, semi-solid or solid refuse and salvageable material charged by the maximum amount of material charged.

Emission Limitation

0.09 ton of PE per year

Applicable Compliance Method

Multiply the allowable hourly particulate emission limitation by 8760 hours per year, and then divide by 2000.

Emission Limitation

0.20 pound of particulate emissions per one hundred pounds of liquid, semi-solid or solid refuse and salvageable material charged

Applicable Compliance Method

Stack testing may be required in the future in accordance with the test methods and procedures specified in OAC rule 3745-17-03(B)(8).

Emission Limitation

5% opacity as a six-minute average

Applicable Compliance Method

OAC rule 3745-17-03(B)(1)

Emission Limitation

0.05 pound of CO per hour

Applicable Compliance Method

Multiply the US EPA Fire 6.23 (SCC 5-02-001-01) carbon monoxide emission factor of 10 pounds of carbon monoxide per ton of solid waste burned by the maximum hourly amount of solid waste burned.

Emission Limitation

0.22 ton of CO per year

Applicable Compliance Method

Multiply the allowable hourly emission rate for carbon monoxide by 8760 hours per year, and then divide by 2000.

Emission Limitation

0.05 pound of NOx per hour

Applicable Compliance Method

Multiply the AP-42 (Table 1.4-1 date 7-98) nitrogen oxides emission factor of 100.0 pounds of nitrogen oxides per million standard cubic feet of natural gas fired by the maximum hourly amount of natural gas fired.

Emission Limitation

0.22 ton of NOx per year

Applicable Compliance Method

Multiply the allowable hourly emission rate for nitrogen oxides by 8760 hours per year, and then divide by 2000.

Emission Limitation

0.01 pound of SO2 per hour

Applicable Compliance Method

Multiply the US EPA Fire 6.23 (SCC 5-02-001-01) sulfur dioxide emission factor of 2.5 pounds of sulfur dioxide per ton of solid waste burned by the maximum hourly amount of solid waste burned.

Emission Limitation

0.04 ton of SO2 per year

Applicable Compliance Method

Multiply the allowable hourly emission rate for sulfur dioxide by 8760 hours per year, and then divide by 2000.

Emission Limitation

0.02 pound of OC per hour

Applicable Compliance Method

Multiply the US EPA Fire 6.23 (SCC 5-02-001-01) organic compounds emission factor of 3.0 pounds of organic compounds per ton of solid waste burned by the maximum hourly amount of solid waste burned.

Emission Limitation

0.09 ton of OC per year

Applicable Compliance Method

Multiply the allowable hourly emission rate for organic compounds by 8760 hours per year, and then divide by 2000.

F. Miscellaneous Requirements

1. None

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Part II - Special Terms and Conditions

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1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
P002 - Blender controlled by a baghouse - Hawk Performance Area Mixing.	OAC rule 3745-31-05(A) (PTI 16-02368)	The particulate emissions from the baghouse stack from combined emissions units P002, P003, P004, and P005 shall not exceed 1.15 pounds per hour and 5.04 tons per year. Visible particulate emissions from the baghouse stack

shall not exceed five percent opacity, as a six-minute average.

The permittee shall employ equipment (e.g., hoods) to capture and vent the particulate emissions to the baghouse.

OAC rule 3745-17-07(A)

The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

OAC rule 3745-17-11

The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- (a) The hourly and annual particulate emissions limitations regulated per OAC rule 3745-31-05(A)(3) are based on the combined emissions units' potential to emit. Therefore, no record keeping or reporting is required to demonstrate compliance with these limits.

However, if any proposed change(s), such as with production capacity, the types and/or quantities of materials used or processed, or anything else that increases the potential emissions of any air pollutant, then the permittee shall apply for and obtain either a modification to the permit to install or a new final permit to install prior to the change(s).

B. Operational Restrictions

- 1. Except as provided below, the pressure drop across the baghouse shall be maintained with the range of 2.0 to 5.0 inches of water while the emissions unit is in operation.

This operational restriction shall not apply during the first 7 days of operation following filter change out.

C. Monitoring and/or Record Keeping Requirements

- 1. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s) with any modifications deemed necessary by the permittee. The permittee shall record the pressure drop across the baghouse on a daily basis. The permittee shall also record the date that the baghouse's filter was changed out.

D. Reporting Requirements

- 1. The permittee shall submit 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 above.
- 2. The deviation reports shall be submitted in accordance with the requirements specified in the General Terms and Conditions.

E. Testing Requirements

- 1. Compliance with the emission limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):
Emission Limitation

The particulate emissions from the baghouse stack from combined emissions units P002, P003, P004, and P005 shall not exceed 1.15 pounds per hour and 5.04 tons per year.

Applicable Compliance Method

Compliance with the pounds per hour limitation shall be determined by either multiplying the particulate emissions factor 0.01 grain per dry standard cubic foot* (dscf) by the maximum air flow rate (6700 cfm) times 60 minutes per hour divided by 7000 grains per pound times 2** or by performing an emissions test in accordance with OAC rule 3745-17-03(B)(10).

Compliance with the tons per year limitation shall be determined by multiplying the pounds per hour emission limitation by the maximum operating hours of 8760 hours per year, then divide by 2000 pounds per ton.

*Maximum emission rate from baghouse manufacturer's specifications

**Safety Factor

Emission Limitation

Visible particulate emissions from the baghouse stack shall not exceed five percent opacity, as a six-minute average.

Applicable Compliance Method

OAC rule 3745-17-03(B)(1)

F. Miscellaneous Requirements

- 1. None

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 1652050085 Emissions Unit ID: P003 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
P003 - Preform press controlled by a baghouse - Hawk Performance Area Preform Press 1.	OAC rule 3745-31-05(A) (PTI 16-02368)	The particulate emissions from the baghouse stack from combined emissions units P002, P003, P004, and P005 shall not exceed 1.15 pounds per hour and 5.04 tons per year.
		Visible particulate emissions from the baghouse stack shall not exceed five percent opacity, as a six-minute average.
	OAC rule 3745-17-07(A)	The permittee shall employ equipment (e.g., hoods) to capture and vent the particulate emissions to the baghouse.
	OAC rule 3745-17-11	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3). The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- (a) The hourly and annual particulate emissions limitations regulated per OAC rule 3745-31-05(A)(3) are based on the combined emissions units' potential to emit. Therefore, no record keeping or reporting is required to demonstrate compliance with these limits.

However, if any proposed change(s), such as with production capacity, the types and/or quantities of materials used or processed, or anything else that increases the potential emissions of any air pollutant, then the permittee shall apply for and obtain either a modification to the permit to install or a new final permit to install prior to the change(s).

B. Operational Restrictions

1. Except as provided below, the pressure drop across the baghouse shall be maintained with the range of 2.0 to 5.0 inches of water while the emissions unit is in operation.

This operational restriction shall not apply during the first 7 days of operation following filter change out.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s) with any modifications deemed necessary by the permittee. The permittee shall record the pressure drop across the baghouse on a daily basis. The permittee shall also record the date that the baghouse's filter was changed out.

D. Reporting Requirements

1. The permittee shall submit 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 above.
2. The deviation reports shall be submitted in accordance with the requirements specified in the General Terms and Conditions.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):

Emission Limitation

The particulate emissions from the baghouse stack from combined emissions units P002, P003, P004, and

P005 shall not exceed 1.15 pounds per hour and 5.04 tons per year.

Applicable Compliance Method

Compliance with the pounds per hour limitation shall be determined by either multiplying the particulate emissions factor 0.01 grain per dry standard cubic foot* (dscf) by the maximum air flow rate (6700 cfm) times 60 minutes per hour divided by 7000 grains per pound times 2** or by performing an emissions test in accordance with OAC rule 3745-17-03(B)(10).

Compliance with the tons per year limitation shall be determined by multiplying the pounds per hour emission limitation by the maximum operating hours of 8760 hours per year, then divide by 2000 pounds per ton.

*Maximum emission rate from baghouse manufacturer's specifications
 **Safety Factor
 Emission Limitation

Visible particulate emissions from the baghouse stack shall not exceed five percent opacity, as a six-minute average.

Applicable Compliance Method

OAC rule 3745-17-03(B)(1)

F. **Miscellaneous Requirements**

1. None

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 1652050085 Emissions Unit ID: P004 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. **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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
P004 - Preform press controlled by a baghouse - Hawk Performance Area Preform Press 2.	OAC rule 3745-31-05(A) OAC rule 3745-17-07(A) OAC rule 3745-17-11	The particulate emissions from the baghouse stack from combined emissions units P002, P003, P004, and P005 shall not exceed 1.15 pounds per hour and 5.04 tons per year. Visible particulate emissions from the baghouse stack shall not exceed five percent opacity, as a six-minute average. The permittee shall employ equipment (e.g., hoods) to capture and vent the particulate emissions to the baghouse. The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3). The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. **Additional Terms and Conditions**

- (a) The hourly and annual particulate emissions limitations regulated per OAC rule 3745-31-05(A)(3) are based on the combined emissions units' potential to emit. Therefore, no record keeping or reporting is required to demonstrate compliance with these limits.

However, if any proposed change(s), such as with production capacity, the types and/or quantities of materials used or processed, or anything else that increases the potential emissions of any air pollutant, then the permittee shall apply for and obtain either a modification to the permit to install or a new final permit to install prior to the change(s).

B. Operational Restrictions

1. Except as provided below, the pressure drop across the baghouse shall be maintained with the range of 2.0 to 5.0 inches of water while the emissions unit is in operation.

This operational restriction shall not apply during the first 7 days of operation following filter change out.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s) with any modifications deemed necessary by the permittee. The permittee shall record the pressure drop across the baghouse on a daily basis. The permittee shall also record the date that the baghouse's filter was changed out.

D. Reporting Requirements

1. The permittee shall submit 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 above.
2. The deviation reports shall be submitted in accordance with the requirements specified in the General Terms and Conditions.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):
Emission Limitation

The particulate emissions from the baghouse stack from combined emissions units P002, P003, P004, and P005 shall not exceed 1.15 pounds per hour and 5.04 tons per year.

Applicable Compliance Method

Compliance with the pounds per hour limitation shall be determined by either multiplying the particulate emissions factor 0.01 grain per dry standard cubic foot* (dscf) by the maximum air flow rate (6700 cfm) times 60 minutes per hour divided by 7000 grains per pound times 2** or by performing an emissions test in accordance with OAC rule 3745-17-03(B)(10).

Compliance with the tons per year limitation shall be determined by multiplying the pounds per hour emission limitation by the maximum operating hours of 8760 hours per year, then divide by 2000 pounds per ton.

*Maximum emission rate from baghouse manufacturer's specifications

**Safety Factor

Emission Limitation

Visible particulate emissions from the baghouse stack shall not exceed five percent opacity, as a six-minute average.

Applicable Compliance Method

OAC rule 3745-17-03(B)(1)

F. Miscellaneous Requirements

1. None

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Facility ID: 1652050085 Emissions Unit ID: P005 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
P005 - Preform press controlled by a baghouse - Hawk Performance Area Preform Press 3.	OAC rule 3745-31-05(A) (PTI 16-02368)	The particulate emissions from the baghouse stack from combined emissions units P002, P003, P004, and P005 shall not exceed 1.15 pounds per hour and 5.04 tons per year.
		Visible particulate emissions from the baghouse stack shall not exceed five percent opacity, as a six-minute average.
		The permittee shall employ equipment (e.g., hoods) to capture and vent the particulate emissions to the baghouse.
	OAC rule 3745-17-07(A)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-11	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- (a) The hourly and annual particulate emissions limitations regulated per OAC rule 3745-31-05(A)(3) are based on the combined emissions units' potential to emit. Therefore, no record keeping or reporting is required to demonstrate compliance with these limits.

However, if any proposed change(s), such as with production capacity, the types and/or quantities of materials used or processed, or anything else that increases the potential emissions of any air pollutant, then the permittee shall apply for and obtain either a modification to the permit to install or a new final permit to install prior to the change(s).

B. Operational Restrictions

1. Except as provided below, the pressure drop across the baghouse shall be maintained with the range of 2.0 to 5.0 inches of water while the emissions unit is in operation.

This operational restriction shall not apply during the first 7 days of operation following filter change out.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s) with any modifications deemed necessary by the permittee. The permittee shall record the pressure drop across the baghouse on a daily basis. The permittee shall also record the date that the baghouse's filter was changed out.

D. Reporting Requirements

1. The permittee shall submit 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 above.
2. The deviation reports shall be submitted in accordance with the requirements specified in the General Terms and Conditions.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):
Emission Limitation

The particulate emissions from the baghouse stack from combined emissions units P002, P003, P004, and P005 shall not exceed 1.15 pounds per hour and 5.04 tons per year.

Applicable Compliance Method

Compliance with the pounds per hour limitation shall be determined by either multiplying the particulate emissions factor 0.01 grain per dry standard cubic foot* (dscf) by the maximum air flow rate (6700 cfm) times 60 minutes per hour divided by 7000 grains per pound times 2** or by performing an emissions test in accordance with OAC rule 3745-17-03(B)(10).

Compliance with the tons per year limitation shall be determined by multiplying the pounds per hour emission limitation by the maximum operating hours of 8760 hours per year, then divide by 2000 pounds per ton.

*Maximum emission rate from baghouse manufacturer's specifications

**Safety Factor
Emission Limitation

Visible particulate emissions from the baghouse stack shall not exceed five percent opacity, as a six-minute average.

Applicable Compliance Method

OAC rule 3745-17-03(B)(1)

F. Miscellaneous Requirements

- 1. None

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Facility ID: 1652050085 Emissions Unit ID: P006 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

- 1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
- 2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
P006 - Blanchard grinder controlled by a baghouse - Hawk Performance Area Blanchard Grinder 1.	OAC rule 3745-31-05(A) (PTI 16-02368)	The particulate emissions from the baghouse stack from combined emissions units P006, P007, P008, P009, P010 and P011 shall not exceed 1.72 pounds per hour and 7.53 tons per year.
		Visible particulate emissions from the baghouse stack shall not exceed five percent opacity, as a six-minute average.
	OAC rule 3745-17-07(A)	The permittee shall employ equipment (e.g., hoods) to capture and vent the particulate emissions to the baghouse.
	OAC rule 3745-17-11	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3). The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- (a) The hourly and annual particulate emissions limitations regulated per OAC rule 3745-31-05(A)(3) are based on the combined emissions units' potential to emit. Therefore, no record keeping or reporting is required to demonstrate compliance with these limits.

However, if any proposed change(s), such as with production capacity, the types and/or quantities of materials used or processed, or anything else that increases the potential emissions of any air pollutant, then the permittee shall apply for and obtain either a modification to the permit to install or a new final permit to install prior to the change(s).

B. Operational Restrictions

- 1. Except as provided below, the pressure drop across the baghouse shall be maintained with the range of 2.0 to 5.0 inches of water while the emissions unit is in operation.

This operational restriction shall not apply during the first 7 days of operation following filter change out.

C. Monitoring and/or Record Keeping Requirements

- 1. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s) with any modifications deemed necessary by the permittee. The permittee shall record the pressure drop across the baghouse on a daily basis. The permittee shall also record the date that the baghouse's filter

was changed out.

D. Reporting Requirements

1. The permittee shall submit 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 above.
2. The deviation reports shall be submitted in accordance with the requirements specified in the General Terms and Conditions.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):
Emission Limitation

The particulate emissions from the baghouse stack from combined emissions units P006, P007, P008, P009, P010 and P011 shall not exceed 1.72 pounds per hour and 7.53 tons per year.

Applicable Compliance Method

Compliance with the pounds per hour limitation shall be determined by either multiplying the particulate emissions factor 0.01 grain per dry standard cubic foot* (dscf) by the maximum air flow rate (10,000 cfm) times 60 minutes per hour divided by 7000 grains per pound times 2** or by performing an emissions test in accordance with OAC rule 3745-17-03(B)(10).

Compliance with the tons per year limitation shall be determined by multiplying the pounds per hour emission limitation by the maximum operating hours of 8760 hours per year, then divide by 2000 pounds per ton.

*Maximum emission rate from baghouse manufacturer's specifications

**Safety Factor
Emission Limitation

Visible particulate emissions from the baghouse stack shall not exceed five percent opacity, as a six-minute average.

Applicable Compliance Method

OAC rule 3745-17-03(B)(1)

F. Miscellaneous Requirements

1. None

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Facility ID: 1652050085 Emissions Unit ID: P007 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
P007 - Blanchard grinder controlled by a baghouse - Hawk Performance Area Blanchard Grinder 2.	OAC rule 3745-31-05(A) (PTI 16-02368)	The particulate emissions from the baghouse stack from combined emissions units P006, P007, P008, P009, P010 and P011 shall not exceed 1.72 pounds per hour and 7.53 tons per year. Visible particulate emissions from the baghouse stack shall not exceed five percent opacity, as a six-minute average.

The permittee shall employ equipment (e.g., hoods) to capture and vent the particulate emissions to the baghouse.

OAC rule 3745-17-07(A)

The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

OAC rule 3745-17-11

The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- (a) The hourly and annual particulate emissions limitations regulated per OAC rule 3745-31-05(A)(3) are based on the combined emissions units' potential to emit. Therefore, no record keeping or reporting is required to demonstrate compliance with these limits.

However, if any proposed change(s), such as with production capacity, the types and/or quantities of materials used or processed, or anything else that increases the potential emissions of any air pollutant, then the permittee shall apply for and obtain either a modification to the permit to install or a new final permit to install prior to the change(s).

B. Operational Restrictions

- 1. Except as provided below, the pressure drop across the baghouse shall be maintained with the range of 2.0 to 5.0 inches of water while the emissions unit is in operation.

This operational restriction shall not apply during the first 7 days of operation following filter change out.

C. Monitoring and/or Record Keeping Requirements

- 1. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s) with any modifications deemed necessary by the permittee. The permittee shall record the pressure drop across the baghouse on a daily basis. The permittee shall also record the date that the baghouse's filter was changed out.

D. Reporting Requirements

- 1. The permittee shall submit 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 above.
- 2. The deviation reports shall be submitted in accordance with the requirements specified in the General Terms and Conditions.

E. Testing Requirements

- 1. Compliance with the emission limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):
Emission Limitation

The particulate emissions from the baghouse stack from combined emissions units P006, P007, P008, P009, P010 and P011 shall not exceed 1.72 pounds per hour and 7.53 tons per year.

Applicable Compliance Method

Compliance with the pounds per hour limitation shall be determined by either multiplying the particulate emissions factor 0.01 grain per dry standard cubic foot* (dscf) by the maximum air flow rate (10,000 cfm) times 60 minutes per hour divided by 7000 grains per pound times 2** or by performing an emissions test in accordance with OAC rule 3745-17-03(B)(10).

Compliance with the tons per year limitation shall be determined by multiplying the pounds per hour emission limitation by the maximum operating hours of 8760 hours per year, then divide by 2000 pounds per ton.

*Maximum emission rate from baghouse manufacturer's specifications

**Safety Factor

Emission Limitation

Visible particulate emissions from the baghouse stack shall not exceed five percent opacity, as a six-minute average.

Applicable Compliance Method

OAC rule 3745-17-03(B)(1)

F. Miscellaneous Requirements

- 1. None

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Facility ID: 1652050085 Emissions Unit ID: P008 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
P008 - Altech groover controlled by a baghouse - Hawk Performance Area Altech Groover 1.	OAC rule 3745-31-05(A) (PTI 16-02368)	The particulate emissions from the baghouse stack from combined emissions units P006, P007, P008, P009, P010 and P011 shall not exceed 1.72 pounds per hour and 7.53 tons per year.
		Visible particulate emissions from the baghouse stack shall not exceed five percent opacity, as a six-minute average.
	OAC rule 3745-17-07(A)	The permittee shall employ equipment (e.g., hoods) to capture and vent the particulate emissions to the baghouse.
	OAC rule 3745-17-11	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3). The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- (a) The hourly and annual particulate emissions limitations regulated per OAC rule 3745-31-05(A)(3) are based on the combined emissions units' potential to emit. Therefore, no record keeping or reporting is required to demonstrate compliance with these limits.

However, if any proposed change(s), such as with production capacity, the types and/or quantities of materials used or processed, or anything else that increases the potential emissions of any air pollutant, then the permittee shall apply for and obtain either a modification to the permit to install or a new final permit to install prior to the change(s).

B. Operational Restrictions

1. Except as provided below, the pressure drop across the baghouse shall be maintained with the range of 2.0 to 5.0 inches of water while the emissions unit is in operation.

This operational restriction shall not apply during the first 7 days of operation following filter change out.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s) with any modifications deemed necessary by the permittee. The permittee shall record the pressure drop across the baghouse on a daily basis. The permittee shall also record the date that the baghouse's filter was changed out.

D. Reporting Requirements

1. The permittee shall submit 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 above.
2. The deviation reports shall be submitted in accordance with the requirements specified in the General Terms and Conditions.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):

Emission Limitation

The particulate emissions from the baghouse stack from combined emissions units P006, P007, P008, P009, P010 and P011 shall not exceed 1.72 pounds per hour and 7.53 tons per year.

Applicable Compliance Method

Compliance with the pounds per hour limitation shall be determined by either multiplying the particulate emissions factor 0.01 grain per dry standard cubic foot* (dscf) by the maximum air flow rate (10,000 cfm) times 60 minutes per hour divided by 7000 grains per pound times 2** or by performing an emissions test in accordance with OAC rule 3745-17-03(B)(10).

Compliance with the tons per year limitation shall be determined by multiplying the pounds per hour emission limitation by the maximum operating hours of 8760 hours per year, then divide by 2000 pounds per ton.

*Maximum emission rate from baghouse manufacturer's specifications

**Safety Factor

Emission Limitation

Visible particulate emissions from the baghouse stack shall not exceed five percent opacity, as a six-minute average.

Applicable Compliance Method

OAC rule 3745-17-03(B)(1)

F. Miscellaneous Requirements

- 1. None

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 1652050085 Emissions Unit ID: P009 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

- 1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
- 2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
P009 - Gear grinder controlled by a baghouse - Hawk Performance Area Gear Grinder 1.	OAC rule 3745-31-05(A) (PTI 16-02368)	The particulate emissions from the baghouse stack from combined emissions units P006, P007, P008, P009, P010 and P011 shall not exceed 1.72 pounds per hour and 7.53 tons per year. Visible particulate emissions from the baghouse stack shall not exceed five percent opacity, as a six-minute average.
	OAC rule 3745-17-07(A)	The permittee shall employ equipment (e.g., hoods) to capture and vent the particulate emissions to the baghouse.
	OAC rule 3745-17-11	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3). The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- (a) The hourly and annual particulate emissions limitations regulated per OAC rule 3745-31-05(A)(3) are based on the combined emissions units' potential to emit. Therefore, no record keeping or reporting is required to demonstrate compliance with these limits.

However, if any proposed change(s), such as with production capacity, the types and/or quantities of materials used or processed, or anything else that increases the potential emissions of any air

pollutant, then the permittee shall apply for and obtain either a modification to the permit to install or a new final permit to install prior to the change(s).

B. Operational Restrictions

1. Except as provided below, the pressure drop across the baghouse shall be maintained with the range of 2.0 to 5.0 inches of water while the emissions unit is in operation.

This operational restriction shall not apply during the first 7 days of operation following filter change out.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s) with any modifications deemed necessary by the permittee. The permittee shall record the pressure drop across the baghouse on a daily basis. The permittee shall also record the date that the baghouse's filter was changed out.

D. Reporting Requirements

1. The permittee shall submit 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 above.
2. The deviation reports shall be submitted in accordance with the requirements specified in the General Terms and Conditions.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):
Emission Limitation

The particulate emissions from the baghouse stack from combined emissions units P006, P007, P008, P009, P010 and P011 shall not exceed 1.72 pounds per hour and 7.53 tons per year.

Applicable Compliance Method

Compliance with the pounds per hour limitation shall be determined by either multiplying the particulate emissions factor 0.01 grain per dry standard cubic foot* (dscf) by the maximum air flow rate (10,000 cfm) times 60 minutes per hour divided by 7000 grains per pound times 2** or by performing an emissions test in accordance with OAC rule 3745-17-03(B)(10).

Compliance with the tons per year limitation shall be determined by multiplying the pounds per hour emission limitation by the maximum operating hours of 8760 hours per year, then divide by 2000 pounds per ton.

*Maximum emission rate from baghouse manufacturer's specifications

**Safety Factor
Emission Limitation

Visible particulate emissions from the baghouse stack shall not exceed five percent opacity, as a six-minute average.

Applicable Compliance Method

OAC rule 3745-17-03(B)(1)

F. Miscellaneous Requirements

1. None

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 1652050085 Emissions Unit ID: P010 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
P010 - 6 inch belt sander controlled by a baghouse - Hawk Performance Area 6 Inch Belt Sander 1.	OAC rule 3745-31-05(A) (PTI 16-02368)	The particulate emissions from the baghouse stack from combined emissions units P006, P007, P008, P009, P010 and P011 shall not exceed 1.72 pounds per hour and 7.53 tons per year. Visible particulate emissions from the baghouse stack shall not exceed five percent opacity, as a six-minute average.
	OAC rule 3745-17-07(A)	The permittee shall employ equipment (e.g., hoods) to capture and vent the particulate emissions to the baghouse.
	OAC rule 3745-17-11	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3). The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- (a) The hourly and annual particulate emissions limitations regulated per OAC rule 3745-31-05(A)(3) are based on the combined emissions units' potential to emit. Therefore, no record keeping or reporting is required to demonstrate compliance with these limits.

However, if any proposed change(s), such as with production capacity, the types and/or quantities of materials used or processed, or anything else that increases the potential emissions of any air pollutant, then the permittee shall apply for and obtain either a modification to the permit to install or a new final permit to install prior to the change(s).

B. Operational Restrictions

- 1. Except as provided below, the pressure drop across the baghouse shall be maintained with the range of 2.0 to 5.0 inches of water while the emissions unit is in operation.

This operational restriction shall not apply during the first 7 days of operation following filter change out.

C. Monitoring and/or Record Keeping Requirements

- 1. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s) with any modifications deemed necessary by the permittee. The permittee shall record the pressure drop across the baghouse on a daily basis. The permittee shall also record the date that the baghouse's filter was changed out.

D. Reporting Requirements

- 1. The permittee shall submit 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 above.
- 2. The deviation reports shall be submitted in accordance with the requirements specified in the General Terms and Conditions.

E. Testing Requirements

- 1. Compliance with the emission limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):
Emission Limitation

The particulate emissions from the baghouse stack from combined emissions units P006, P007, P008, P009, P010 and P011 shall not exceed 1.72 pounds per hour and 7.53 tons per year.

Applicable Compliance Method

Compliance with the pounds per hour limitation shall be determined by either multiplying the particulate emissions factor 0.01 grain per dry standard cubic foot* (dscf) by the maximum air flow rate (10,000 cfm) times 60 minutes per hour divided by 7000 grains per pound times 2** or by performing an emissions test in accordance with OAC rule 3745-17-03(B)(10).

Compliance with the tons per year limitation shall be determined by multiplying the pounds per hour emission limitation by the maximum operating hours of 8760 hours per year, then divide by 2000 pounds per ton.

*Maximum emission rate from baghouse manufacturer's specifications

**Safety Factor

Emission Limitation

Visible particulate emissions from the baghouse stack shall not exceed five percent opacity, as a six-minute average.

Applicable Compliance Method

OAC rule 3745-17-03(B)(1)

F. Miscellaneous Requirements

- 1. None

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Facility ID: 1652050085 Emissions Unit ID: P011 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

- 1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
- 2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
P011 - 6 inch belt sander controlled by a baghouse - Hawk Performance Area 6 Inch Belt Sander 2.	OAC rule 3745-31-05(A) (PTI 16-02368)	The particulate emissions from the baghouse stack from combined emissions units P006, P007, P008, P009, P010 and P011 shall not exceed 1.72 pounds per hour and 7.53 tons per year. Visible particulate emissions from the baghouse stack shall not exceed five percent opacity, as a six-minute average. The permittee shall employ equipment (e.g., hoods) to capture and vent the particulate emissions to the baghouse.
	OAC rule 3745-17-07(A)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-11	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- (a) The hourly and annual particulate emissions limitations regulated per OAC rule 3745-31-05(A)(3) are based on the combined emissions units' potential to emit. Therefore, no record keeping or reporting is required to demonstrate compliance with these limits.

However, if any proposed change(s), such as with production capacity, the types and/or quantities of materials used or processed, or anything else that increases the potential emissions of any air pollutant, then the permittee shall apply for and obtain either a modification to the permit to install or a new final permit to install prior to the change(s).

B. Operational Restrictions

- 1. Except as provided below, the pressure drop across the baghouse shall be maintained with the range of 2.0 to 5.0 inches of water while the emissions unit is in operation.

This operational restriction shall not apply during the first 7 days of operation following filter change out.

C. Monitoring and/or Record Keeping Requirements

- 1. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s) with any modifications deemed necessary by the permittee. The permittee shall record the pressure drop across the baghouse on a daily basis. The permittee shall also record the date that the baghouse's filter was changed out.

D. Reporting Requirements

1. The permittee shall submit 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 above.
2. The deviation reports shall be submitted in accordance with the requirements specified in the General Terms and Conditions.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):
Emission Limitation

The particulate emissions from the baghouse stack from combined emissions units P006, P007, P008, P009, P010 and P011 shall not exceed 1.72 pounds per hour and 7.53 tons per year.

Applicable Compliance Method

Compliance with the pounds per hour limitation shall be determined by either multiplying the particulate emissions factor 0.01 grain per dry standard cubic foot* (dscf) by the maximum air flow rate (10,000 cfm) times 60 minutes per hour divided by 7000 grains per pound times 2** or by performing an emissions test in accordance with OAC rule 3745-17-03(B)(10).

Compliance with the tons per year limitation shall be determined by multiplying the pounds per hour emission limitation by the maximum operating hours of 8760 hours per year, then divide by 2000 pounds per ton.

*Maximum emission rate from baghouse manufacturer's specifications

**Safety Factor
Emission Limitation

Visible particulate emissions from the baghouse stack shall not exceed five percent opacity, as a six-minute average.

Applicable Compliance Method

OAC rule 3745-17-03(B)(1)

F. Miscellaneous Requirements

1. None

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Facility ID: 1652050085 Emissions Unit ID: P012 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
P012 - Erie press controlled by a baghouse - Aircraft Area Erie Press 1.	OAC rule 3745-31-05(A) (PTI 16-02368)	The particulate emissions from the baghouse stack from combined emissions units P012, P013, P014, and P015 shall not exceed 1.15 pounds per hour and 5.04 tons per year. Visible particulate emissions from the baghouse stack shall not exceed five percent opacity, as a six-minute average. The permittee shall employ equipment (e.g., hoods) to capture and vent the particulate emissions to the baghouse.

OAC rule 3745-17-07(A)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
OAC rule 3745-17-11	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. **Additional Terms and Conditions**

- (a) The hourly and annual particulate emissions limitations regulated per OAC rule 3745-31-05(A)(3) are based on the combined emissions units' potential to emit. Therefore, no record keeping or reporting is required to demonstrate compliance with these limits.

However, if any proposed change(s), such as with production capacity, the types and/or quantities of materials used or processed, or anything else that increases the potential emissions of any air pollutant, then the permittee shall apply for and obtain either a modification to the permit to install or a new final permit to install prior to the change(s).

B. **Operational Restrictions**

- 1. Except as provided below, the pressure drop across the baghouse shall be maintained with the range of 2.0 to 5.0 inches of water while the emissions unit is in operation.

This operational restriction shall not apply during the first 7 days of operation following filter change out.

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

- 1. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s) with any modifications deemed necessary by the permittee. The permittee shall record the pressure drop across the baghouse on a daily basis. The permittee shall also record the date that the baghouse's filter was changed out.

D. **Reporting Requirements**

- 1. The permittee shall submit 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 above.
- 2. The deviation reports shall be submitted in accordance with the requirements specified in the General Terms and Conditions.

E. **Testing Requirements**

- 1. Compliance with the emission limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):
Emission Limitation

The particulate emissions from the baghouse stack from combined emissions units P012, P013, P014, and P015 shall not exceed 1.15 pounds per hour and 5.04 tons per year.

Applicable Compliance Method

Compliance with the pounds per hour limitation shall be determined by either multiplying the particulate emissions factor 0.01 grain per dry standard cubic foot* (dscf) by the maximum air flow rate (6700 cfm) times 60 minutes per hour divided by 7000 grains per pound times 2** or by performing an emissions test in accordance with OAC rule 3745-17-03(B)(10).

Compliance with the tons per year limitation shall be determined by multiplying the pounds per hour emission limitation by the maximum operating hours of 8760 hours per year, then divide by 2000 pounds per ton.

*Maximum emission rate from baghouse manufacturer's specifications

**Safety Factor
Emission Limitation

Visible particulate emissions from the baghouse stack shall not exceed five percent opacity, as a six-minute average.

Applicable Compliance Method

OAC rule 3745-17-03(B)(1)

F. **Miscellaneous Requirements**

- 1. None

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Facility ID: 1652050085 Emissions Unit ID: P013 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
P013 - Erie press controlled by a baghouse - Aircraft Area Erie Press 2.	OAC rule 3745-31-05(A) (PTI 16-02368)	The particulate emissions from the baghouse stack from combined emissions units P012, P013, P014, and P015 shall not exceed 1.15 pounds per hour and 5.04 tons per year.
		Visible particulate emissions from the baghouse stack shall not exceed five percent opacity, as a six-minute average.
		The permittee shall employ equipment (e.g., hoods) to capture and vent the particulate emissions to the baghouse.
	OAC rule 3745-17-07(A)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-11	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- (a) The hourly and annual particulate emissions limitations regulated per OAC rule 3745-31-05(A)(3) are based on the combined emissions units' potential to emit. Therefore, no record keeping or reporting is required to demonstrate compliance with these limits.

However, if any proposed change(s), such as with production capacity, the types and/or quantities of materials used or processed, or anything else that increases the potential emissions of any air pollutant, then the permittee shall apply for and obtain either a modification to the permit to install or a new final permit to install prior to the change(s).

B. Operational Restrictions

1. Except as provided below, the pressure drop across the baghouse shall be maintained with the range of 2.0 to 5.0 inches of water while the emissions unit is in operation.

This operational restriction shall not apply during the first 7 days of operation following filter change out.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s) with any modifications deemed necessary by the permittee. The permittee shall record the pressure drop across the baghouse on a daily basis. The permittee shall also record the date that the baghouse's filter was changed out.

D. Reporting Requirements

1. The permittee shall submit 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 above.
2. The deviation reports shall be submitted in accordance with the requirements specified in the General Terms and Conditions.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):
Emission Limitation

The particulate emissions from the baghouse stack from combined emissions units P012, P013, P014, and P015 shall not exceed 1.15 pounds per hour and 5.04 tons per year.

Applicable Compliance Method

Compliance with the pounds per hour limitation shall be determined by either multiplying the particulate emissions factor 0.01 grain per dry standard cubic foot* (dscf) by the maximum air flow rate (6700 cfm) times 60 minutes per hour divided by 7000 grains per pound times 2** or by performing an emissions test in accordance

with OAC rule 3745-17-03(B)(10).

Compliance with the tons per year limitation shall be determined by multiplying the pounds per hour emission limitation by the maximum operating hours of 8760 hours per year, then divide by 2000 pounds per ton.

*Maximum emission rate from baghouse manufacturer's specifications
 **Safety Factor
 Emission Limitation

Visible particulate emissions from the baghouse stack shall not exceed five percent opacity, as a six-minute average.

Applicable Compliance Method

OAC rule 3745-17-03(B)(1)

F. Miscellaneous Requirements

- 1. None

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Facility ID: 1652050085 Emissions Unit ID: P014 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

- 1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
- 2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
P014 - Erie press controlled by a baghouse - Aircraft Area Erie Press 3.	OAC rule 3745-31-05(A) (PTI 16-02368)	The particulate emissions from the baghouse stack from combined emissions units P012, P013, P014, and P015 shall not exceed 1.15 pounds per hour and 5.04 tons per year. Visible particulate emissions from the baghouse stack shall not exceed five percent opacity, as a six-minute average.
	OAC rule 3745-17-07(A)	The permittee shall employ equipment (e.g., hoods) to capture and vent the particulate emissions to the baghouse.
	OAC rule 3745-17-11	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3). The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- (a) The hourly and annual particulate emissions limitations regulated per OAC rule 3745-31-05(A)(3) are based on the combined emissions units' potential to emit. Therefore, no record keeping or reporting is required to demonstrate compliance with these limits.

However, if any proposed change(s), such as with production capacity, the types and/or quantities of materials used or processed, or anything else that increases the potential emissions of any air pollutant, then the permittee shall apply for and obtain either a modification to the permit to install or a new final permit to install prior to the change(s).

B. Operational Restrictions

1. Except as provided below, the pressure drop across the baghouse shall be maintained with the range of 2.0 to 5.0 inches of water while the emissions unit is in operation.

This operational restriction shall not apply during the first 7 days of operation following filter change out.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s) with any modifications deemed necessary by the permittee. The permittee shall record the pressure drop across the baghouse on a daily basis. The permittee shall also record the date that the baghouse's filter was changed out.

D. Reporting Requirements

1. The permittee shall submit 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 above.
2. The deviation reports shall be submitted in accordance with the requirements specified in the General Terms and Conditions.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):
Emission Limitation

The particulate emissions from the baghouse stack from combined emissions units P012, P013, P014, and P015 shall not exceed 1.15 pounds per hour and 5.04 tons per year.

Applicable Compliance Method

Compliance with the pounds per hour limitation shall be determined by either multiplying the particulate emissions factor 0.01 grain per dry standard cubic foot* (dscf) by the maximum air flow rate (6700 cfm) times 60 minutes per hour divided by 7000 grains per pound times 2** or by performing an emissions test in accordance with OAC rule 3745-17-03(B)(10).

Compliance with the tons per year limitation shall be determined by multiplying the pounds per hour emission limitation by the maximum operating hours of 8760 hours per year, then divide by 2000 pounds per ton.

*Maximum emission rate from baghouse manufacturer's specifications

**Safety Factor
Emission Limitation

Visible particulate emissions from the baghouse stack shall not exceed five percent opacity, as a six-minute average.

Applicable Compliance Method

OAC rule 3745-17-03(B)(1)

F. Miscellaneous Requirements

1. None

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Facility ID: 1652050085 Emissions Unit ID: P015 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. 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.

Applicable Emissions Limitations/Control

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Measures</u>
P015 - Erie press controlled by a baghouse - Aircraft Area Erie Press 4.	OAC rule 3745-31-05(A) (PTI 16-02368)	The particulate emissions from the baghouse stack from combined emissions units P012, P013, P014, and P015 shall not exceed 1.15 pounds per hour and 5.04 tons per year. Visible particulate emissions from the baghouse stack shall not exceed five percent opacity, as a six-minute average.
	OAC rule 3745-17-07(A)	The permittee shall employ equipment (e.g., hoods) to capture and vent the particulate emissions to the baghouse.
	OAC rule 3745-17-11	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3). The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
2. Additional Terms and Conditions		
(a) The hourly and annual particulate emissions limitations regulated per OAC rule 3745-31-05(A)(3) are based on the combined emissions units' potential to emit. Therefore, no record keeping or reporting is required to demonstrate compliance with these limits. However, if any proposed change(s), such as with production capacity, the types and/or quantities of materials used or processed, or anything else that increases the potential emissions of any air pollutant, then the permittee shall apply for and obtain either a modification to the permit to install or a new final permit to install prior to the change(s).		
B. Operational Restrictions		
1. Except as provided below, the pressure drop across the baghouse shall be maintained with the range of 2.0 to 5.0 inches of water while the emissions unit is in operation. This operational restriction shall not apply during the first 7 days of operation following filter change out.		
C. Monitoring and/or Record Keeping Requirements		
1. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s) with any modifications deemed necessary by the permittee. The permittee shall record the pressure drop across the baghouse on a daily basis. The permittee shall also record the date that the baghouse's filter was changed out.		
D. Reporting Requirements		
1. The permittee shall submit 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 above.		
2. The deviation reports shall be submitted in accordance with the requirements specified in the General Terms and Conditions.		
E. Testing Requirements		
1. Compliance with the emission limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s): Emission Limitation The particulate emissions from the baghouse stack from combined emissions units P012, P013, P014, and P015 shall not exceed 1.15 pounds per hour and 5.04 tons per year. Applicable Compliance Method Compliance with the pounds per hour limitation shall be determined by either multiplying the particulate emissions factor 0.01 grain per dry standard cubic foot* (dscf) by the maximum air flow rate (6700 cfm) times 60 minutes per hour divided by 7000 grains per pound times 2** or by performing an emissions test in accordance with OAC rule 3745-17-03(B)(10). Compliance with the tons per year limitation shall be determined by multiplying the pounds per hour emission limitation by the maximum operating hours of 8760 hours per year, then divide by 2000 pounds per ton. *Maximum emission rate from baghouse manufacturer's specifications **Safety Factor Emission Limitation Visible particulate emissions from the baghouse stack shall not exceed five percent opacity, as a six-minute average. Applicable Compliance Method OAC rule 3745-17-03(B)(1)		
F. Miscellaneous Requirements		
1. None		