

Facility ID: 0278080068 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.

- [Go to Part II for Emissions Unit P004](#)
- [Go to Part II for Emissions Unit P015](#)
- [Go to Part II for Emissions Unit P032](#)
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Facility ID: 0278080068 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>
E-Coat Machines and Lamp Base Cement Mixing with Dust Collectors	OAC rule 3745-17-11	Particulate Emissions(PE): shall not exceed 1.0 lb/hr (using Table I)
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions from the stacks serving this emissions unit shall not exceed 20% as a 6-minute average, except as specified by rule.
	OAC rule 3745-21-09(G)(2)	Organic Compounds(OC): shall not exceed 8 pounds per hour and 40 pounds per day.

2. **Additional Terms and Conditions**
  - (a) This emissions unit uses no photochemically reactive materials. The permittee is therefore required to maintain monthly recordkeeping of liquid organic compound materials used in this emissions unit. If the permittee uses any photochemically reactive materials, then daily recordkeeping must be performed to demonstrate compliance with the above listed limitation.

**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 this emissions unit:
  - a. the name and identification number of each organic compound material used, and an indication of whether or not it is a photochemically reactive material;
  - b. the OC content of each organic compound material, as applied;
  - c. the number of gallons of each organic compound material, as applied;
  - d. the total OC emissions from all organic compound materials employed, in pounds, the sum of b. times c.;
  - e. the total days of operation of the emissions unit each month; and
  - f. the average daily OC emission rate in pounds of OC per day. This shall be calculated by dividing d. by e. for each month.
2. The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible emissions from the stacks serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
  - a. whether the emissions are representative of normal operations;
  - b. if the emissions are not representative of normal operations, the cause of the abnormal emissions;

- c. the total duration of any visible emissions incident; and
- d. any corrective action(s) taken to eliminate the visible emissions.
- D. **Reporting Requirements**
  - 1. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from the stacks serving this emissions unit and (b) describe any corrective action(s) taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the Ohio EPA Northeast District Office) by January 31 and July 31 of each year and shall cover the previous six-month period.
  - 2. If the permittee uses any photochemically reactive materials in this emissions unit, they shall submit deviation (excursion) reports which include the following information:
    - a. An identification of each day during which the average hourly organic compound emissions from this emissions unit exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day.
    - b. An identification of each day during which the organic compound emissions from this emissions unit exceeded 40 pounds per day, and the actual organic compound emissions for each such day.
- E. **Testing Requirements**
  - 1. Compliance with the emissions limitation(s) in section A.I.1. of these terms and conditions shall be determined in accordance with the following method(s):  
Emission Limitation: 20% opacity of visible particulate emissions  
  
Applicable Compliance Method: Compliance shall be determined based upon OAC rule 3745-17-03(B)(1).  
Emission Limitation:  
1.0 lb/hr of PE  
  
Applicable Compliance Methods:  
If required compliance shall be determined according to OAC rule 3745-17-03(B)(10), (Method 5, 40 CFR 60, Appendix A).  
Emission Limitation:  
8 lbs/hr and 40 lbs/day of photochemically reactive OC  
  
Applicable Compliance Method:  
Compliance shall be based upon the record keeping specified in Section C.1.
- F. **Miscellaneous Requirements**
  - 1. None

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Facility ID: 0278080068 Emissions Unit ID: P015 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>
Lamp Making Group # 21 Bulb Coater, Sealex, Finishing Machines with Dust Collector	OAC rule 3745-17-11  OAC rule 3745-17-07(A)(1)	Particulate Emissions(PE): shall not exceed 0.551 lb/hr (using Table I)  Visible particulate emissions from the stacks serving this emissions unit shall not exceed 20% as a 6-minute average, except as specified by rule.

- 2. **Additional Terms and Conditions**

- (a) None
- B. **Operational Restrictions**
  - 1. None
- C. **Monitoring and/or Record Keeping Requirements**
  - 1. The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
    - a. whether the emissions are representative of normal operations;
    - b. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
    - c. the total duration of any visible emissions incident; and
    - d. any corrective action(s) taken to eliminate the visible emissions.
- D. **Reporting Requirements**
  - 1. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from the stacks serving this emissions unit and (b) describe any corrective action(s) taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the Ohio EPA Northeast District Office) by January 31 and July 31 of each year and shall cover the previous six-month period.
- E. **Testing Requirements**
  - 1. Compliance with the emissions limitation(s) in section A.1.1. of these terms and conditions shall be determined in accordance with the following method(s):
 

Emission Limitation: 20% opacity of visible particulate emissions

Applicable Compliance Method: Compliance shall be determined based upon OAC rule 3745-17-03(B)(1).  
Emission Limitation:  
0.551 lb/hr of PE

Applicable Compliance Methods:  
If required compliance shall be determined according to OAC rule 3745-17-03(B)(10), (Method 5, 40 CFR 60, Appendix A).
- F. **Miscellaneous Requirements**
  - 1. None

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Facility ID: 0278080068 Emissions Unit ID: P032 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>
PAR 38 Lamp Assembly Lines 1-5	OAC rule 3745-31-05 PTI No. 02-6388 OAC rule 3745-21-09(G)(2)	Organic Compounds(OC): shall not exceed 8 pounds per hour and 40 pounds per day. The emission limitation specified by this rule is less stringent than or equivalent to the emission limitation established pursuant to OAC rule 3745-31-05.

- 2. **Additional Terms and Conditions**

- (a) The hourly and daily maximum potential to emit for this emissions unit is below the allowable limit specified above. The permittee is therefore required to maintain monthly recordkeeping of liquid organic compound materials used in this emissions unit.
- 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 this emissions unit:
  - a. the name and identification number of each organic compound material used, and an indication of whether or not it is a photochemically reactive material;
  - b. the OC content of each organic compound material, as applied;
  - c. the number of gallons of each organic compound material, as applied;
  - d. the total OC emissions from all organic compound materials employed, in pounds, the sum of b. times c.;
  - e. the total days of operation of the emissions unit each month; and
  - f. the average daily OC emission rate in pounds of OC per day. This shall be calculated by dividing d. by e. for each month.
- D. Reporting Requirements**
- 1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. An identification of each day during which the organic compound emissions from this emissions unit exceeded 40 pounds per day, and the actual organic compound emissions for each such day.
- E. Testing Requirements**
- 1. Compliance with the emissions limitation(s) in section A.I.1. of these terms and conditions shall be determined in accordance with the following method(s):
  - Emission Limitation:  
40 lbs/day of photochemically reactive OC
  - Applicable Compliance Method:  
Compliance shall be based upon the record keeping specified in Section C.1.
- F. Miscellaneous Requirements**
- 1. None

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Facility ID: 0278080068 Emissions Unit ID: P033 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>
Cullet Conveyor and Crusher with Baghouse	OAC rule 3745-17-11  OAC rule 3745-17-07(A)(1)	Particulate Emissions(PE): shall not exceed 2.58 lbs/hr (using Table I)  Visible particulate emissions from the stacks serving this emissions unit shall not exceed 20% as a 6-minute average, except as specified by rule.

- 2. **Additional Terms and Conditions**

- (a) None
- B. **Operational Restrictions**
1. None
- C. **Monitoring and/or Record Keeping Requirements**
1. The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
- a. whether the emissions are representative of normal operations;
  - b. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
  - c. the total duration of any visible emissions incident; and
  - d. any corrective action(s) taken to eliminate the visible emissions.
- D. **Reporting Requirements**
1. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from the stacks serving this emissions unit and (b) describe any corrective action(s) taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the Ohio EPA Northeast District Office) by January 31 and July 31 of each year and shall cover the previous six-month period.
- E. **Testing Requirements**
1. Compliance with the emissions limitation(s) in section A.I.1. of these terms and conditions shall be determined in accordance with the following method(s):  
Emission Limitation: 20% opacity of visible particulate emissions  
  
Applicable Compliance Method: Compliance shall be determined based upon OAC rule 3745-17-03(B)(1).  
Emission Limitation:  
2.58 lbs/hr of PE  
  
Applicable Compliance Methods:  
If required compliance shall be determined according to OAC rule 3745-17-03(B)(10), (Method 5, 40 CFR 60, Appendix A).
- F. **Miscellaneous Requirements**
1. None