

Facility ID: 1409010979 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 P001](#)
- [Go to Part II for Emissions Unit P002](#)
- [Go to Part II for Emissions Unit P003](#)
- [Go to Part II for Emissions Unit P004](#)
- [Go to Part II for Emissions Unit P005](#)
- [Go to Part II for Emissions Unit P006](#)
- [Go to Part II for Emissions Unit P007](#)
- [Go to Part II for Emissions Unit P008](#)
- [Go to Part II for Emissions Unit P009](#)
- [Go to Part II for Emissions Unit P010](#)

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Facility ID: 1409010979 Emissions Unit ID: P001 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

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>
P001-Injection Molding Press 1	OAC rule 3745-31-05(A)(3) PTI - 14-05803	Volatile organic compound (VOC) emissions shall not exceed 1.7 pounds per hour and 7.56 tons per year.

See term and condition A.2.b.

2. Additional Terms and Conditions

- (a) The hourly emission limitation specified above is based on the emissions unit's potential to emit. Therefore, no hourly records are required to demonstrate compliance with this emission limitation. When molding a resin other than polystyrene or nylon in this emissions unit, the permittee shall determine the hourly potential to emit for VOC emissions from the use of that resin and shall maintain hourly records of resin use to determine compliance with the hourly limit of A.1, except that no hourly record keeping is necessary when molding a resin with a potential to emit equal to or less than hourly emission limitation in Section A.1 of this permit. Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by compliance with the emissions limitations.

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information on an hourly basis for this emissions unit:
 - a. the company identification for each type of plastic pellets employed, other than polystyrene or nylon, if the potential to emit from the use of that resin exceeds the emission limitation in Section A.1;
 - b. the total amount of each type of plastic pellets employed, other than polystyrene or nylon, if the potential to emit from the use of that resin exceeds the emission limitation in Section A.1; and
 - c. the calculated VOC emissions from plastic molding when using plastic pellets, other than polystyrene or nylon, if the potential to emit from the use of that resin exceeds the emissions limitation in Section A.1.
2. The permittee shall collect and record the following information on a monthly basis for this emissions unit:
 - a. the company identification for each polymer type of plastic pellets employed;

- b. the total amount of each polymer type of plastic pellets molded, in pounds or tons; and
- c. the calculated VOC emissions from plastic molding.
- D. **Reporting Requirements**
 - 1. The permittee shall submit an annual report to the Hamilton County Department of Environmental Services which specifies the total annual VOC emissions for this emissions unit. These reports shall be submitted by January 31 of each year.
 - 2. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any record showing the hourly VOC emissions exceeded the applicable limitation specified in Section A.1 of this permit. The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.
- E. **Testing Requirements**
 - 1. Compliance with the emission limitations specified in Section A.1 of the terms and conditions of this permit shall be determined in accordance with the following methods:

Emissions Limitations:

Volatile organic compound (VOC) emissions shall not exceed 1.7 pounds/hour and 7.56 tons/year.

Applicable Compliance Method:
The hourly VOC emission limitation is based on the maximum hourly plastic pellet throughput in this emissions unit and the emission factor of 0.005 pound of VOC per pound of nylon as provided in PTI application 14-05803 submitted on January 5, 2006.

The annual VOC emissions shall be calculated by using the recorded annual throughput of material times the emission factors in PTI application 14-05803 submitted on January 5, 2006.
- F. **Miscellaneous Requirements**
 - 1. None

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

Facility ID: 1409010979 Emissions Unit ID: P002 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

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>
P002-Injection Molding Press 2	OAC rule 3745-31-05(A)(3) PTI - 14-05803	Volatile organic compound (VOC) emissions shall not exceed 0.9 pound per hour and 4.14 tons per year.
		See term and condition A.2.b.

2. Additional Terms and Conditions

- (a) The hourly emission limitation specified above is based on the emissions unit's potential to emit. Therefore, no hourly records are required to demonstrate compliance with this emission limitation. When molding a resin other than polystyrene or nylon in this emissions unit, the permittee shall determine the hourly potential to emit for VOC emissions from the use of that resin and shall maintain hourly records of resin use to determine compliance with the hourly limit of A.1, except that no hourly record keeping is necessary when molding a resin with a potential to emit equal to or less than hourly emission limitation in Section A.1 of this permit. Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by compliance with the emission limitations.

B. Operational Restrictions

- 1. None
- C. **Monitoring and/or Record Keeping Requirements**
 - 1. The permittee shall collect and record the following information on an hourly basis for this emissions unit:
 - a. the company identification for each type of plastic pellets employed, other than polystyrene or nylon, if the potential to emit from the use of that resin exceeds the emission limitation in Section A.1;
 - b. the total amount of each type of plastic pellets employed, other than polystyrene or nylon, if the potential to emit from the use of that resin exceeds the emission limitation in Section A.1; and
 - c. the calculated VOC emissions from plastic molding when using plastic pellets, other than polystyrene or nylon, if the potential to emit from the use of that resin exceeds the emission limitation in Section A.1.
 - 2. The permittee shall collect and record the following information on a monthly basis for this emissions unit:
 - a. the company identification for each polymer type of plastic pellets employed;
 - b. the total amount of each polymer type of plastic pellets molded, in pounds or tons; and
 - c. the calculated VOC emissions from plastic molding.
- D. **Reporting Requirements**
 - 1. The permittee shall submit an annual report to the Hamilton County Department of Environmental Services which specifies the total annual VOC emissions for this emissions unit. These reports shall be submitted by January 31 of each year.
 - 2. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any record showing the hourly VOC emissions exceeded the applicable limitation specified in Section A.1 of this permit. The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.
- E. **Testing Requirements**
 - 1. Compliance with the emission limitations specified in Section A.1 of the terms and conditions of this permit shall be determined in accordance with the following methods:

Emission Limitations:

Volatile organic compound (VOC) emissions shall not exceed 0.9 pound per hour and 4.14 tons per year.

Applicable Compliance Method:

The hourly VOC emission limitation is based on the maximum hourly plastic pellet throughput in this emissions unit and the emission factor of 0.005 pound of VOC per pound of nylon as provided in PTI application 14-05803 submitted on January 5, 2006.

The annual VOC emissions shall be calculated by using the recorded annual throughput of material times the emission factors in PTI application 14-05803 submitted on January 5, 2006.
- F. **Miscellaneous Requirements**
 - 1. None

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

Facility ID: 1409010979 Emissions Unit ID: P003 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

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>
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P003-Injection Molding Press 3

OAC rule 3745-31-05(A)(3)
PTI - 14-05803

Volatile organic compound (VOC) emissions shall not exceed 1.0 pound per hour and 4.16 tons per year.

See term and condition A.2.b.

2. Additional Terms and Conditions

- (a) The hourly emission limitation specified above is based on the emissions unit's potential to emit. Therefore, no hourly records are required to demonstrate compliance with this emission limitation. When molding a resin other than polystyrene or nylon in this emissions unit, the permittee shall determine the hourly potential to emit for VOC emissions from the use of that resin and shall maintain hourly records of resin use to determine compliance with the hourly limit of A.1, except that no hourly record keeping is necessary when molding a resin with a potential to emit equal to or less than hourly emission limitation in Section A.1 of this permit. Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by compliance with the emission limitations.

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information on an hourly basis for this emissions unit:
- the company identification for each type of plastic pellets employed, other than polystyrene or nylon, if the potential to emit from the use of that resin exceeds the emission limitation in Section A.1;
 - the total amount of each type of plastic pellets employed, other than polystyrene or nylon, if the potential to emit from the use of that resin exceeds the emission limitation in Section A.1; and
 - the calculated VOC emissions from plastic molding when using plastic pellets, other than polystyrene or nylon, if the potential to emit from the use of that resin exceeds the emission limitation in Section A.1.
2. The permittee shall collect and record the following information on a monthly basis for this emissions unit:
- the company identification for each polymer type of plastic pellets employed;
 - the total amount of each polymer type of plastic pellets molded, in pounds or tons; and
 - the calculated VOC emissions from plastic molding.

D. Reporting Requirements

1. The permittee shall submit an annual report to the Hamilton County Department of Environmental Services which specifies the total annual VOC emissions for this emissions unit. These reports shall be submitted by January 31 of each year.
2. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any record showing the hourly VOC emissions exceeded the applicable limitation specified in Section A.1 of this permit. The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.

E. Testing Requirements

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

Emission Limitations:

Volatile organic compound (VOC) emissions shall not exceed 1.0 pound per hour and 4.16 tons per year.

Applicable Compliance Method:

The hourly VOC emission limitation is based on the maximum hourly plastic pellet throughput in this emissions unit and the emission factor of 0.005 pound of VOC per pound of nylon as provided in PTI application 14-05803 submitted on January 5, 2006.

The annual VOC emissions shall be calculated by using the recorded annual throughput of material times the emission factors in PTI application 14-05803 submitted on January 5, 2006.

F. Miscellaneous Requirements

1. None

*****THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION*******Facility ID: 1409010979 Emissions Unit ID: P004 Issuance type: Final State Permit To Operate**[Go to the top of this document](#)**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-Injection Molding Press 4	OAC rule 3745-31-05(A)(3) PTI - 14-05803	Volatile organic compound (VOC) emissions shall not exceed 1.0 pound per hour and 4.16 tons per year.

See term and condition A.2.b.

2. Additional Terms and Conditions

- (a) The hourly emission limitation specified above is based on the emissions unit's potential to emit. Therefore, no hourly records are required to demonstrate compliance with this emission limitation. When molding a resin other than polystyrene or nylon in this emissions unit, the permittee shall determine the hourly potential to emit for VOC emissions from the use of that resin and shall maintain hourly records of resin use to determine compliance with the hourly limit of A.1, except that no hourly record keeping is necessary when molding a resin with a potential to emit equal to or less than hourly emission limitation in Section A.1 of this permit. Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by compliance with the emission limitations.

B. Operational Restrictions

- 1. None

C. Monitoring and/or Record Keeping Requirements

- 1. The permittee shall collect and record the following information on an hourly basis for this emissions unit:
 - a. the company identification for each type of plastic pellets employed, other than polystyrene or nylon, if the potential to emit from the use of that resin exceeds the emission limitation in Section A.1;
 - b. the total amount of each type of plastic pellets employed, other than polystyrene or nylon, if the potential to emit from the use of that resin exceeds the emission limitation in Section A.1; and
 - c. the calculated VOC emissions from plastic molding when using plastic pellets, other than polystyrene or nylon, if the potential to emit from the use of that resin exceeds the emission limitation in Section A.1.
- 2. The permittee shall collect and record the following information on a monthly basis for this emissions unit:
 - a. the company identification for each polymer type of plastic pellets employed;
 - b. the total amount of each polymer type of plastic pellets molded, in pounds or tons; and
 - c. the calculated VOC emissions from plastic molding.

D. Reporting Requirements

- 1. The permittee shall submit an annual report to the Hamilton County Department of Environmental Services which specifies the total annual VOC emissions for this emissions unit. These reports shall be submitted by January 31 of each year.
- 2. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any record showing the hourly VOC emissions exceeded the applicable limitation specified in Section A.1 of this permit. The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.

E. Testing Requirements

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

Emissions Limitations:

Volatile organic compound (VOC) emissions shall not exceed 1.0 pound per hour and 4.16 tons per year.

Applicable Compliance Method:

The hourly VOC emission limitation is based on the maximum hourly plastic pellet throughput in this emissions unit and the emission factor of 0.005 pound of VOC per pound of nylon as provided in PTI application 14-05803 submitted on January 5, 2006.

The annual VOC emissions shall be calculated by using the recorded annual throughput of material times the emission factors in PTI application 14-05803 submitted on January 5, 2006.

F. Miscellaneous Requirements

- 1. None

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Facility ID: 1409010979 Emissions Unit ID: P005 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

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-Injection Molding Press 5	OAC rule 3745-31-05(A)(3) PTI - 14-05803	Volatile organic compound (VOC) emissions shall not exceed 1.6 pounds per hour and 7.16 tons per year.
		See term and condition A.2.b.

2. Additional Terms and Conditions

- (a) The hourly emission limitation specified above is based on the emissions unit's potential to emit. Therefore, no hourly records are required to demonstrate compliance with this emission limitation. When molding a resin other than polystyrene or nylon in this emissions unit, the permittee shall determine the hourly potential to emit for VOC emissions from the use of that resin and shall maintain hourly records of resin use to determine compliance with the hourly limit of A.1, except that no hourly record keeping is necessary when molding a resin with a potential to emit equal to or less than hourly emission limitation in Section A.1 of this permit. Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by compliance with the emission limitations.

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information on an hourly basis for this emissions unit:
 - a. the company identification for each type of plastic pellets employed, other than polystyrene or nylon, if the potential to emit from the use of that resin exceeds the emission limitation in Section A.1;
 - b. the total amount of each type of plastic pellets employed, other than polystyrene or nylon, if the potential to emit from the use of that resin exceeds the emission limitation in Section A.1; and
 - c. the calculated VOC emissions from plastic molding when using plastic pellets, other than polystyrene or nylon, if the potential to emit from the use of that resin exceeds the emission limitation in Section A.1.
2. The permittee shall collect and record the following information on a monthly basis for this emissions unit:
 - a. the company identification for each polymer type of plastic pellets employed;
 - b. the total amount of each polymer type of plastic pellets molded, in pounds or tons; and
 - c. the calculated VOC emissions from plastic molding.

D. Reporting Requirements

1. The permittee shall submit an annual report to the Hamilton County Department of Environmental Services which specifies the total annual VOC emissions for this emissions unit. These reports shall be submitted by January 31 of each year.
2. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any record showing the hourly VOC emissions exceeded the applicable limitation specified in Section A.1 of this permit. The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.

E. Testing Requirements

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

Emission Limitations:

Volatile organic compound (VOC) emissions shall not exceed 1.6 pounds per hour and 7.16 tons per year.

Applicable Compliance Method:

The hourly VOC emission limitation is based on the maximum hourly plastic pellet throughput in this emissions unit and the emission factor of 0.005 pound of VOC per pound of nylon as provided in PTI application 14-05803 submitted on January 5, 2006.

The annual VOC emissions shall be calculated by using the recorded annual throughput of material times the emission factors in PTI application 14-05803 submitted on January 5, 2006.

F. Miscellaneous Requirements

1. None

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

Facility ID: 1409010979 Emissions Unit ID: P006 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

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-Injection Molding Press 6	OAC rule 3745-31-05(A)(3) PTI - 14-05803	Volatile organic compound (VOC) emissions shall not exceed 1.5 pounds per hour and 6.73 tons per year.

See term and condition A.2.b.

2. Additional Terms and Conditions

- (a) The hourly emission limitation specified above is based on the emissions unit's potential to emit. Therefore, no hourly records are required to demonstrate compliance with this emission limitation. When molding a resin other than polystyrene or nylon in this emissions unit, the permittee shall determine the hourly potential to emit for VOC emissions from the use of that resin and shall maintain hourly records of resin use to determine compliance with the hourly limit of A.1, except that no hourly record keeping is necessary when molding a resin with a potential to emit equal to or less than hourly emission limitation in Section A.1 of this permit. Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by compliance with the emission limitations.

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information on an hourly basis for this emissions unit:
 - a. the company identification for each type of plastic pellets employed, other than polystyrene or nylon, if the potential to emit from the use of that resin exceeds the emission limitation in Section A.1;
 - b. the total amount of each type of plastic pellets employed, other than polystyrene or nylon, if the potential to emit from the use of that resin exceeds the emission limitation in Section A.1; and
 - c. the calculated VOC emissions from plastic molding when using plastic pellets, other than polystyrene or nylon, if the potential to emit from the use of that resin exceeds the emission limitation in Section A.1.
2. The permittee shall collect and record the following information on a monthly basis for this emissions unit:

- a. the company identification for each polymer type of plastic pellets employed;
 - b. the total amount of each polymer type of plastic pellets molded, in pounds or tons; and
 - c. the calculated VOC emissions from plastic molding.
- D. **Reporting Requirements**
- 1. The permittee shall submit an annual report to the Hamilton County Department of Environmental Services which specifies the total annual VOC emissions for this emissions unit. These reports shall be submitted by January 31 of each year.
 - 2. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any record showing the hourly VOC emissions exceeded the applicable limitation specified in Section A.1 of this permit. The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.
- E. **Testing Requirements**
- 1. Compliance with the emission limitations specified in Section A.1 of the terms and conditions of this permit shall be determined in accordance with the following methods:

Emission Limitations:

Volatile organic compound (VOC) emissions shall not exceed 1.5 pounds per hour and 6.73 tons per year.

Applicable Compliance Method:
The hourly VOC emission limitation is based on the maximum hourly plastic pellet throughput in this emissions unit and the emission factor of 0.005 pound of VOC per pound of nylon as provided in PTI application 14-05803 submitted on January 5, 2006.

The annual VOC emissions shall be calculated by using the recorded annual throughput of material times the emission factors in PTI application 14-05803 submitted on January 5, 2006.
- F. **Miscellaneous Requirements**
- 1. None

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Facility ID: 1409010979 Emissions Unit ID: P007 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

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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>
P007-Injection Molding Press 7	OAC rule 3745-31-05(A)(3) PTI - 14-05803	Volatile organic compound (VOC) emissions shall not exceed 1.4 pounds per hour and 5.96 tons per year.
		See term and condition A.2.b.

- 2. **Additional Terms and Conditions**
 - (a) The hourly emission limitation specified above is based on the emissions unit's potential to emit. Therefore, no hourly records are required to demonstrate compliance with this emission limitation. When molding a resin other than polystyrene or nylon in this emissions unit, the permittee shall determine the hourly potential to emit for VOC emissions from the use of that resin and shall maintain hourly records of resin use to determine compliance with the hourly limit of A.1, except that no hourly record keeping is necessary when molding a resin with a potential to emit equal to or less than hourly emission limitation in Section A.1 of this permit. Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by compliance with the emission

limitations.

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information on an hourly basis for this emissions unit:
 - a. the company identification for each type of plastic pellets employed, other than polystyrene or nylon, if the potential to emit from the use of that resin exceeds the emission limitation in Section A.1;
 - b. the total amount of each type of plastic pellets employed, other than polystyrene or nylon, if the potential to emit from the use of that resin exceeds the emission limitation in Section A.1; and
 - c. the calculated VOC emissions from plastic molding when using plastic pellets, other than polystyrene or nylon, if the potential to emit from the use of that resin exceeds the emission limitation in Section A.1.
2. The permittee shall collect and record the following information on a monthly basis for this emissions unit:
 - a. the company identification for each polymer type of plastic pellets employed;
 - b. the total amount of each polymer type of plastic pellets molded, in pounds or tons; and
 - c. the calculated VOC emissions from plastic molding.

D. Reporting Requirements

1. The permittee shall submit an annual report to the Hamilton County Department of Environmental Services which specifies the total annual VOC emissions for this emissions unit. These reports shall be submitted by January 31 of each year.
2. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any record showing the hourly VOC emissions exceeded the applicable limitation specified in Section A.1 of this permit. The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.

E. Testing Requirements

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

Emission Limitations:

Volatile organic compound (VOC) emissions shall not exceed 1.4 pounds per hour and 5.96 tons per year.

Applicable Compliance Method:

The hourly VOC emission limitation is based on the maximum hourly plastic pellet throughput in this emissions unit and the emission factor of 0.005 pound of VOC per pound of nylon as provided in PTI application 14-05803 submitted on January 5, 2006.

The annual VOC emissions shall be calculated by using the recorded annual throughput of material times the emission factors in PTI application 14-05803 submitted on January 5, 2006.

F. Miscellaneous Requirements

1. None.

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Facility ID: 1409010979 Emissions Unit ID: P008 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

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>
Injection Molding Press 8 - P008	OAC rule 3745-31-05(A)(3) PTI - 14-05803	Volatile organic compound (VOC) emissions shall not exceed 1.0 pound per hour and 4.14 tons per year.
		See term and condition A.2.b.
2. Additional Terms and Conditions		
<p>(a) The hourly emission limitation specified above is based on the emissions unit's potential to emit. Therefore, no hourly records are required to demonstrate compliance with this emission limitation. When molding a resin other than polystyrene or nylon in this emissions unit, the permittee shall determine the hourly potential to emit for VOC emissions from the use of that resin and shall maintain hourly records of resin use to determine compliance with the hourly limit of A.1, except that no hourly record keeping is necessary when molding a resin with a potential to emit equal to or less than hourly emission limitation in Section A.1. of this permit. Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by compliance with the emission limitations.</p>		
B. Operational Restrictions		
1. None		
C. Monitoring and/or Record Keeping Requirements		
1. The permittee shall collect and record the following information on an hourly basis for this emissions unit :		
<p>a. the company identification for each type of plastic pellets employed, other than polystyrene or nylon, if the potential to emit from the use of that resin exceeds the emission limitation in Section A.1;</p> <p>b. the total amount of each type of plastic pellets employed, other than polystyrene or nylon, if the potential to emit from the use of that resin exceeds the emission limitation in Section A.1.; and</p> <p>c. the calculated VOC emissions from plastic molding when using plastic pellets, other than polystyrene or nylon, if the potential to emit from the use of that resin exceeds the emission limitation in Section A.1.</p>		
2. The permittee shall collect and record the following information on a monthly basis for this emissions unit:		
<p>a. the company identification for each polymer type of plastic pellets employed;</p> <p>b. the total amount of each polymer type of plastic pellets molded, in pounds or tons; and</p> <p>c. the calculated VOC emissions from plastic molding.</p>		
D. Reporting Requirements		
1. The permittee shall submit an annual report to the Hamilton County Department of Environmental Services which specifies the total annual VOC emissions for this emissions unit. These reports shall be submitted by January 31 of each year.		
2. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any record showing the hourly VOC emissions exceeded the applicable limitation specified in Section A.1 of this permit. The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.		
E. Testing Requirements		
1. Compliance with the emission limitations specified in Section A.1 of the terms and conditions of this permit shall be determined in accordance with the following methods:		
Emission Limitations:		
Volatile organic compound (VOC) emissions shall not exceed 1.0 pound per hour and 4.14 tons per year.		
Applicable Compliance Method:		
The hourly VOC emission limitation is based on the maximum hourly plastic pellet throughput in this emissions unit and the emission factor of 0.005 pound of VOC per pound of nylon as provided in PTI application 14-05803 submitted on January 5, 2006.		
The annual VOC emissions shall be calculated by using the recorded annual throughput of material times the emission factors in PTI application 14-05803 submitted on January 5, 2006.		
F. Miscellaneous Requirements		
1. None.		

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Facility ID: 1409010979 Emissions Unit ID: P009 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

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>
Injection Molding Press 9 - P009	OAC rule 3745-31-05(A)(3) PTI - 14-05803	Volatile organic compound (VOC) emissions shall not exceed 1.6 pounds per hour and 7.21 tons per year.

See term and condition A.2.b.

2. Additional Terms and Conditions

- (a) The hourly emission limitation specified above is based on the emissions unit's potential to emit. Therefore, no hourly records are required to demonstrate compliance with this emission limitation. When molding a resin other than polystyrene or nylon in this emissions unit, the permittee shall determine the hourly potential to emit for VOC emissions from the use of that resin and shall maintain hourly records of resin use to determine compliance with the hourly limit of A.1, except that no hourly record keeping is necessary when molding a resin with a potential to emit equal to or less than hourly emission limitation in Section A.1. of this permit. Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by compliance with the emission limitations.

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information on an hourly basis for this emissions unit :
 - a. the company identification for each type of plastic pellets employed, other than polystyrene or nylon, if the potential to emit from the use of that resin exceeds the emission limitation in Section A.1;
 - b. the total amount of each type of plastic pellets employed, other than polystyrene or nylon, if the potential to emit from the use of that resin exceeds the emission limitation in Section A.1; and
 - c. the calculated VOC emissions from plastic molding when using plastic pellets, other than polystyrene or nylon, if the potential to emit from the use of that resin exceeds the emission limitation in Section A.1.
2. The permittee shall collect and record the following information on a monthly basis for this emissions unit:
 - a. the company identification for each polymer type of plastic pellets employed;
 - b. the total amount of each polymer type of plastic pellets molded, in pounds or tons; and
 - c. the calculated VOC emissions from plastic molding.

D. Reporting Requirements

1. The permittee shall submit an annual report to the Hamilton County Department of Environmental Services which specifies the total annual VOC emissions for this emissions unit. These reports shall be submitted by January 31 of each year.
2. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any record showing the hourly VOC emissions exceeded the applicable limitation specified in Section A.1 of this permit. The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.

E. Testing Requirements

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

Emission Limitations:

Volatile organic compound (VOC) emissions shall not exceed 1.6 pounds per hour and 7.21 tons per year.

Applicable Compliance Method:

The hourly VOC emission limitation is based on the maximum hourly plastic pellet throughput in this emissions unit and the emission factor of 0.005 pound of VOC per pound of nylon as provided in PTI application 14-05803 submitted on January 5, 2006.

The annual VOC emissions shall be calculated by using the recorded annual throughput of material times the emission factors in PTI application 14-05803 submitted on January 5, 2006.

F. Miscellaneous Requirements

1. None.

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Facility ID: 1409010979 Emissions Unit ID: P010 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

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>
Injection Molding Press 10 - P010	OAC rule 3745-31-05(A)(3) PTI - 14-05803	Volatile organic compound (VOC) emissions shall not exceed 0.8 pound per hour and 3.38 tons per year.

See term and condition A.2.b.

2. Additional Terms and Conditions

- (a) The hourly emission limitation specified above is based on the emissions unit's potential to emit. Therefore, no hourly records are required to demonstrate compliance with this emission limitation. When molding a resin other than polystyrene or nylon in this emissions unit, the permittee shall determine the hourly potential to emit for VOC emissions from the use of that resin and shall maintain hourly records of resin use to determine compliance with the hourly limit of A.1, except that no hourly record keeping is necessary when molding a resin with a potential to emit equal to or less than hourly emission limitation in Section A.1. of this permit. Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by compliance with the emission limitations.

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information on an hourly basis for this emissions unit:
 - a. the company identification for each type of plastic pellets employed, other than polystyrene or nylon, if the potential to emit from the use of that resin exceeds the emission limitation in Section A.1;
 - b. the total amount of each type of plastic pellets employed, other than polystyrene or nylon, if the potential to emit from the use of that resin exceeds the emission limitation in Section A.1; and
 - c. the calculated VOC emissions from plastic molding when using plastic pellets, other than polystyrene or nylon, if the potential to emit from the use of that resin exceeds the emission limitation in Section A.1.
2. The permittee shall collect and record the following information on a monthly basis for this emissions unit:
 - a. the company identification for each polymer type of plastic pellets employed;
 - b. the total amount of each polymer type of plastic pellets molded, in pounds or tons; and
 - c. the calculated VOC emissions from plastic molding.

D. Reporting Requirements

1. The permittee shall submit an annual report to the Hamilton County Department of Environmental Services which specifies the total annual VOC emissions for this emissions unit. These reports shall be submitted by January 31 of each year.
2. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any record showing the hourly VOC emissions exceeded the applicable limitation specified in Section A.1 of this permit. The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.

E. Testing Requirements

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

Emission Limitations:

Volatile organic compound (VOC) emissions shall not exceed 0.8 pound per hour and 3.38 tons per year.

Applicable Compliance Method:

The hourly VOC emission limitation is based on the maximum hourly plastic pellet throughput in this emissions unit and the emission factor of 0.005 pound of VOC per pound of nylon as provided in PTI application 14-05803 submitted on January 5, 2006.

The annual VOC emissions shall be calculated by using the recorded annual throughput of material times the emission factors in PTI application 14-05803 submitted on January 5, 2006.

F. Miscellaneous Requirements

1. None.