

Facility ID: 0228000046 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 P015](#)

[Go to Part II for Emissions Unit P016](#)

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

Facility ID: 0228000046 Emissions Unit ID: P015 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>
P015 - No. 4 Microwave tuber, consists with an extruder, a microwave tuber, two - 40 ft long post curing ovens, and a cooling unit.	OAC rule 3745-31-05(A)(3) (PTI 02-22287) OAC rule 3745-21-07(G)(2)	The total organic compound (OC) emissions generated from this emissions unit shall not exceed 8 pounds per hour, 40 pounds per day and 7.30 tons per year. The emission limitation required by this applicable rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

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

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each day for this emissions unit:
 - a. the company identification or name of each type material extruded;
 - b. the amount of each type material extruded, defined as "AM", in pounds per day;
 - c. the total OC emissions from this emissions unit for the day, defined as Doc, shall be calculated as follows:

Doc = the sum, from i = 1 to i = n of [(AM)(EF)]_i

where:

i = subscript denoting an individual material extruded in this emissions unit;
n = the total number of materials extruded in this emissions unit; and
EF = emission factor, in pounds OC emissions per pound of material extruded. The emission factor shall be selected from most recent version of "Rubber Manufacturers Association (RMA), Emission Factors Development Project, Extruder and Hot Air Cure";
 - d. the total actual hours the emissions unit was in operation, defined as "OH", in hours per day; and
 - e. the average hourly OC emissions from this emissions unit, "Hoc", in pounds per hour, shall be calculated as follows:

$$\text{Hoc} = (\text{Doc})/(\text{OH})$$

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information for this emissions unit:
 - a. an identification of each day during which the average hourly OC emissions from this emissions unit exceeded 8 pounds, and the actual average hourly OC emissions for each such day; and

- b. an identification of each day during which the daily OC emissions from this emissions unit exceeded 40 pounds, and the actual daily OC emissions for each such day.
- 2. All deviation (excursion) reports shall be submitted in accordance with the General Terms and Conditions.

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:

The OC emissions generated from this emissions unit shall not exceed 8 pounds per hour and 40 pounds per day.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the record keeping requirements specified in section C.1 of these terms and conditions.
Emission Limitation:

The OC emissions generated from this emissions unit shall not exceed 7.30 tons per year.

Applicable Compliance Method:

The tpy emission limitation was developed by multiplying the short-term allowable particulate emission limitation (40 lbs/day) by the maximum annual days of operation (365 days), and then dividing by 2,000 lbs per ton. Therefore, if compliance is shown with the short-term allowable emission limitation, compliance shall also be shown with the annual emission limitation.

F. Miscellaneous Requirements

- 1. None

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

Facility ID: 022800046 Emissions Unit ID: P016 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>
P016 - No. 6 Microwave Tuber, includes extruder, microwave tuber, 40 ft long post curing ovens, and cooling unit	OAC rule 3745-31-05(A)(3) (PTI 02-22287) OAC rule 3745-21-07(G)(2)	The total organic compound (OC) emissions generated from this emissions unit shall not exceed 8 pounds per hour, 40 pounds per day and 7.30 tons per year. The emission limitation required by this applicable rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- (a) None

B. Operational Restrictions

- 1. None

C. Monitoring and/or Record Keeping Requirements

- 1. The permittee shall collect and record the following information for each day for this emissions unit:
 - a. the company identification or name of each type material extruded;

b. the amount of each type material extruded, defined as "AM", in pounds per day;

c. the total OC emissions from this emissions unit for the day, defined as Doc, shall be calculated as follows:

Doc = the sum, from $i = 1$ to $i = n$ of $[(AM)(EF)]_i$

where:

i = subscript denoting an individual material extruded in this emissions unit;

n = the total number of materials extruded in this emissions unit; and

EF = emission factor, in pounds OC emissions per pound of material extruded. The emission factor shall be selected from most recent version of "Rubber Manufacturers Association (RMA), Emission Factors Development Project, Extruder and Hot Air Cure";

d. the total actual hours the emissions unit was in operation, defined as "OH", in hours per day; and

e. the average hourly OC emissions from this emissions unit, "Hoc", in pounds per hour, shall be calculated as follows:

$Hoc = (Doc)/(OH)$

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information for this emissions unit:
 - a. an identification of each day during which the average hourly OC emissions from this emissions unit exceeded 8 pounds, and the actual average hourly OC emissions for each such day; and
 - b. an identification of each day during which the daily OC emissions from this emissions unit exceeded 40 pounds, and the actual daily OC emissions for each such day.
2. All deviation (excursion) reports shall be submitted in accordance with the General Terms and Conditions.

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:

The OC emissions generated from this emissions unit shall not exceed 8 pounds per hour and 40 pounds per day.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the record keeping requirements specified in section C.1 of these terms and conditions.
Emission Limitation:

The OC emissions generated from this emissions unit shall not exceed 7.30 tons per year.

Applicable Compliance Method:

The tpy emission limitation was developed by multiplying the short-term allowable particulate emission limitation (40 lbs/day) by the maximum annual days of operation (365 days), and then dividing by 2,000 lbs per ton. Therefore, if compliance is shown with the short-term allowable emission limitation, compliance shall also be shown with the annual emission limitation.

F. Miscellaneous Requirements

1. None