

Facility ID: 1677120070 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](#)

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

Facility ID: 1677120070 Emissions Unit ID: P001 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>
Production of extruded rubber products.	OAC rule 3745-31-05(A)(3) (PTI 16-02402)	Organic compound (OC) emissions shall not exceed 0.75 pound/hour & 3.3 tons/year.

2. Additional Terms and Conditions

- (a) The OC emissions limits established pursuant to OAC rule 3745-31-05(A)(3) are greater than the potential to emit for this emissions unit. Therefore, no monitoring, record keeping, or reporting requirements are necessary to ensure ongoing compliance with the OC emissions limits.

However, the permittee shall apply for and, if required, obtain a final permit to install prior to equipment replacement, process material changes, or any proposed changes such as equipment modification that would increase the potential to emit for any air pollutant.

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. None

D. Reporting Requirements

1. None

E. Testing Requirements

1. Compliance with the emission limitations in Section A.1 of these special terms and conditions shall be determined in accordance with the following methods:
Emissions Limitations: 0.75 pound/hour & 3.3 tons/year of OCs

Applicable Compliance Method: The above OC limitations are greater than the potential to emit, as demonstrated in the equations below:

$$H = P(E + C);$$

$$Y = H(8760 \text{ hours/year})(1 \text{ ton}/2000 \text{ pounds});$$

Where:

P = 305 pounds/hour of raw rubber material processed [maximum process weight rate];
H = 0.69 pound/hour of OCs [hourly potential emissions];
Y = 3.0 tons/year of OCs [yearly potential emissions];
E = 0.0000478 pound of OCs/pound of raw rubber material extruded [AP-42]; and
C = 0.00220 pound of OCs/pound of extruded rubber material cured [AP-42].

F. Miscellaneous Requirements

1. Modeling to demonstrate compliance with ORC 3704.03(F)(4)(b) ["Review of New Sources of Air Toxics Emissions, Option A."] was not necessary because the emissions unit's maximum annual emissions for each toxic air contaminant, as defined in OAC rule 3745-114-01, will be less than 1.0 ton. OAC Chapter 3745-31 requires permittees to apply for and obtain a new or modified permit to install prior to making a "modification" as

defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any toxic air contaminant to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new permit to install.

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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>
Production of extruded rubber products.	OAC rule 3745-31-05(A)(3) (PTI 16-02402)	Organic compound (OC) emissions shall not exceed 0.50 pound/hour & 2.2 tons/year.

2. Additional Terms and Conditions

- (a) The OC emissions limits established pursuant to OAC rule 3745-31-05(A)(3) are greater than the potential to emit for this emissions unit. Therefore, no monitoring, record keeping, or reporting requirements are necessary to ensure ongoing compliance with the OC emissions limits.

However, the permittee shall apply for and, if required, obtain a final permit to install prior to equipment replacement, process material changes, or any proposed changes such as equipment modification that would increase the potential to emit for any air pollutant.

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. None

D. Reporting Requirements

1. None

E. Testing Requirements

1. Compliance with the emission limitations in Section A.1 of these special terms and conditions shall be determined in accordance with the following methods:
Emissions Limitations: 0.50 pound/hour & 2.2 tons/year of OCs

Applicable Compliance Method: The above OC limitations are greater than the potential to emit, as demonstrated in the equations below:

$$H = P(E + C);$$

$$Y = H(8760 \text{ hours/year})(1 \text{ ton}/2000 \text{ pounds});$$

Where:

- P = 250 pounds/hour of raw rubber material processed [maximum process weight rate];
- H = 0.48 pound/hour of OCs [hourly potential emissions];
- Y = 2.1 tons/year of OCs [yearly potential emissions];
- E = 0.000395 pound of OCs/pound of raw rubber material extruded [AP-42]; and
- C = 0.00190 pound of OCs/pound of extruded rubber material cured [AP-42].

F. Miscellaneous Requirements

1. Modeling to demonstrate compliance with ORC 3704.03(F)(4)(b) ["Review of New Sources of Air Toxics Emissions, Option A."] was not necessary because the emissions unit's maximum annual emissions for each toxic air contaminant, as defined in OAC rule 3745-114-01, will be less than 1.0 ton. OAC Chapter 3745-31 requires permittees to apply for and obtain a new or modified permit to install prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the

materials, or use of new materials, that would cause the emissions of any toxic air contaminant to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new permit to install.