Facility ID: 1677010196 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.

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

Facility ID: 1677010196 Emissions Unit ID: P414 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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
Process engineering research - laboratories, high-pressure reaction bays; and reactors, strippers, drying ovens, tanks, and feed preparation systems	OAC rule 3745-31-05 (PTI 16-358)	See A.2.a below. 7.3 tpy of organic compounds (OC)
	OAC rule 3745-21-07(G)(2)	8 lbs/hr of OC 40 lbs/day of OC

2. **Additional Terms and Conditions**

   (a) The OC emissions limit based on OAC rule 3745-21-07 is equivalent to the OC emissions limit established pursuant to OAC rule 3745-31-05.

B. **Operational Restrictions**

1. None

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

1. The permittee shall perform calculations, using a mass balance approach described in the document entitled "Goodyear Process Engineering Research Calculation Summary" dated August 14, 1998 or subsequent amendments, which document the estimated OC emission rates under "worst case" conditions and demonstrate that under "worst case" conditions the OC emissions are in compliance with allowable emission requirements.

2. The permittee shall document and maintain records showing that the emissions unit did not exceed "worst case" conditions for each operating day.

3. The permittee shall document and keep on file any changes in the "worst case" conditions for the emissions unit.

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 average hourly OC emissions from the emissions unit exceeded 8 lbs/hr, and the actual average hourly OC emissions for each such day; and

   b. an identification of each day during which the OC emissions from the emissions unit exceeded 40 lbs/day, and the actual OC emissions for each such day.

2. The deviation reports shall be submitted in accordance with the requirements specified in Part I - General Term and Condition 3.

3. The permittee shall submit annual reports that specify the annual OC emissions, in tons per year. The calculations of the annual OC emissions shall be made available upon request by the Director of the Ohio EPA or an authorized representative of the Director. The annual reports shall be submitted by January 31 of each year, and shall cover the records for the previous calendar year (January through December).

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 method:
   Emission Limitations:

8.0 lbs/hr of OC
40 lbs/day of OC
7.3 tpy of OC

Applicable Compliance Method:

The permittee shall perform calculations, using a mass balance approach described in the document entitled "Goodyear Process Engineering Research Calculation Summary" dated August 14, 1998 or subsequent amendments, which document the estimated OC emission rates under "worst case" conditions and demonstrate that under "worst case" conditions the OC emissions are in compliance with allowable emission requirements.

F. **Miscellaneous Requirements**

1. The permittee requests that all calculations and records relating to emissions unit operations and conditions be afforded trade secret protection as specified in OAC rule 3745-49-03(A) and OAC rule 3745-49-031(C) and (D).