



State of Ohio Environmental Protection Agency

Street Address:

Lazarus Gov. Center
122 S. Front Street
Columbus, OH 43215

TELE: (614) 644-3020 FAX: (614) 644-2329

Mailing Address:

Lazarus Gov. Center
P.O. Box 1049
Columbus, OH 43216-1049

10/28/03

CERTIFIED MAIL

RE: Final Title V Chapter 3745-77 permit

03-32-01-0003
The Cooper Tire Company - Findlay
Tabetha L. Daum
701 Lima Ave.
P.O. Box 550
Findlay, OH 45840-0550

Dear Tabetha L. Daum:

Enclosed is the Title V permit that allows you to operate the facility in the manner indicated in the permit. Because this permit may contain several conditions and restrictions, we urge you to read it carefully.

The Ohio EPA is encouraging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Pollution Prevention at (614) 644-3469.

You are hereby notified that this action of the Director is final and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed with the Environmental Review Appeals Commission within thirty (30) days after notice of the Director's action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. It is also requested by the Director that a copy of the appeal be served upon the Environmental Enforcement Section of the Office of the Attorney General. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
309 South Fourth Street, Room 222
Columbus, Ohio 43215

If you have any questions, please contact Northwest District Office.

Sincerely,

Michael W. Ahern
Permit Issuance and Data Management Section
Division of Air Pollution Control

cc: Northwest District Office
File, DAPC PMU



State of Ohio Environmental Protection Agency

FINAL TITLE V PERMIT

Issue Date: 10/28/03

Effective Date: 11/18/03

Expiration Date: 11/18/08

This document constitutes issuance of a Title V permit for Facility ID: 03-32-01-0003 to:
The Cooper Tire Company - Findlay
701 Lima Ave.
Findlay, OH 45840-0550

Emissions Unit ID (Company ID)/Emissions Unit Activity Description

Table with 3 columns: Emissions Unit ID (Company ID), Emissions Unit Activity Description, and Emissions Unit Activity Description. Rows include B005 (B005), B006 (B006), K002 (K002), P007 (P007), P135 (P135), P136 (P136), P137 (P137), P140 (P140), P147 (P147), P149 (P149), P150 (P150), R012 (R012), Z002 (Z002), Z003 (Z003), and Z084 (Z084).

You will be contacted approximately eighteen (18) months prior to the expiration date regarding the renewal of this permit. If you are not contacted, please contact the appropriate Ohio EPA District Office or local air agency listed below. This permit and the authorization to operate the air contaminant sources (emissions units) at this facility shall expire at midnight on the expiration date shown above.

Described below is the current Ohio EPA District Office or local air agency that is responsible for processing and administering your Title V permit:

Northwest District Office
347 North Dunbridge Road
Bowling Green, OH 43402
(419) 352-8461

OHIO ENVIRONMENTAL PROTECTION AGENCY

Handwritten signature of Christopher Jones

Christopher Jones
Director

PART I - GENERAL TERMS AND CONDITIONS

A. *State and Federally Enforceable Section*

1. **Monitoring and Related Record Keeping and Reporting Requirements**

a. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, i.e., in Section A.III of Part III of this Title V permit, the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:

- i. The date, place (as defined in the permit), and time of sampling or measurements.
- ii. The date(s) analyses were performed.
- iii. The company or entity that performed the analyses.
- iv. The analytical techniques or methods used.
- v. The results of such analyses.
- vi. The operating conditions existing at the time of sampling or measurement.
(Authority for term: OAC rule 3745-77-07(A)(3)(b)(i))

b. Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

(Authority for term: OAC rule 3745-77-07(A)(3)(b)(ii))

c. The permittee shall submit required reports in the following manner:

- i. **All reporting required in accordance with OAC rule 3745-77-07(A)(3)(c) for deviations caused by malfunctions shall be submitted in the following manner:**

Any malfunction, as defined in OAC rule 3745-15-06(B)(1), shall be promptly reported to the Ohio EPA in accordance with OAC rule 3745-15-06. In addition, to fulfill the OAC rule 3745-77-07(A)(3)(c) deviation reporting requirements for malfunctions, written reports that identify each malfunction that occurred during each calendar quarter (including each malfunction reported only verbally in accordance with OAC rule 3745-15-06) shall be submitted by January 31, April 30, July 31, and October 31 of each year in accordance with General Term and Condition A.1.c.ii below; and each report shall cover the previous calendar quarter.

In accordance with OAC rule 3745-15-06, a malfunction constitutes a violation of an emission limitation (or control requirement) and, therefore, is a deviation of the federally enforceable permit requirements. Even though verbal notifications and written reports are required for malfunctions pursuant to OAC rule 3745-15-06, the written reports required pursuant to this term must be submitted quarterly to satisfy the prompt reporting provision of OAC rule 3745-77-07(A)(3)(c).

In identifying each deviation caused by a malfunction, the permittee shall specify the emission limitation(s) (or control requirement(s)) for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. For a specific malfunction, if this information has been provided in a written report that was submitted in accordance with OAC rule 3745-15-06, the permittee may simply reference that written report to identify the deviation. Nevertheless, all malfunctions, including those reported only verbally in accordance with OAC rule 3745-15-06, must be reported in writing on a quarterly basis.

Any scheduled maintenance, as referenced in OAC rule 3745-15-06(A)(1), that results in a deviation from a federally enforceable emission limitation (or control requirement) shall be reported in the same manner as described above for malfunctions.

(Authority for term: OAC rule 3745-77-07(A)(3)(c))

- ii. **Except as may otherwise be provided in the terms and conditions for a specific emissions unit, i.e., in Section A.IV of Part III of this Title V permit or, in some cases, in Part II of this Title V permit, all reporting required in accordance with OAC rule 3745-77-07(A)(3)(c) for deviations of the emission limitations, operational restrictions, and control device operating parameter limitations shall be submitted in the following manner:**

Written reports of (a) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures taken, shall be promptly made to the appropriate Ohio EPA District Office or local air agency. Except as provided below, the written reports shall be submitted by January 31, April 30, July 31, and October 31 of each year; and each report shall cover the previous calendar quarter.

In identifying each deviation, the permittee shall specify the emission limitation(s), operational restriction(s), and/or control device operating parameter limitation(s) for which the deviation occurred, describe each deviation, and provide the estimated magnitude and duration of each deviation.

These written reports shall satisfy the requirements (in part) of OAC rule 3745-77-07(A)(3)(c) pertaining to the submission of monitoring reports every six months and to the prompt reporting of all deviations. OAC rule 3745-77-07(A)(3)(c) is not fully satisfied until the permittee addresses all other deviations of the federally enforceable requirements specified in the permit.

If an emissions unit has a deviation reporting requirement for a specific emission limitation, operational restriction, or control device operating parameter limitation that is not on a quarterly basis (e.g., within 30 days following the end of the calendar month, or within 30 or 45 days after the exceedance occurs), that deviation reporting requirement overrides the reporting requirements specified in this General Term and Condition for that specific emission limitation, operational restriction, or control device parameter limitation. Following the provisions of that non-quarterly deviation reporting requirement will also satisfy the requirements (in part) of OAC rule 3745-77-07(A)(3)(c) pertaining to the submission of monitoring reports every six months and to the prompt reporting of all deviations, and additional quarterly deviation reports for that specific emission limitation, operational restriction, or control device parameter limitation are not required pursuant to this General Term and Condition.

See B.6 below if no deviations occurred during the quarter.

(Authority for term: OAC rule 3745-77-07(A)(3)(c))

- iii. **All reporting required in accordance with the OAC rule 3745-77-07(A)(3)(c) for other deviations of the federally enforceable permit requirements which are not reported in accordance with General Term and Condition A.1.c.ii above shall be submitted in the following manner:**

Written reports that identify all other deviations of the federally enforceable requirements contained in this permit, including the monitoring, record keeping, and reporting requirements, which are not reported in accordance with General Term and Condition A.1.c.ii above shall be

submitted to the appropriate Ohio EPA District Office or local air agency by January 31 and July 31 of each year; and each report shall cover the previous six calendar months.

In identifying each deviation, the permittee shall specify the federally enforceable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation.

These semi-annual written reports shall satisfy the reporting requirements of OAC rule 3745-77-07(A)(3)(c) for any deviations from the federally enforceable requirements contained in this permit that are not reported in accordance with General Term and Condition A.1.c.ii above.

If no such deviations occurred during a six-month period, the permittee shall submit a semi-annual report which states that no such deviations occurred during that period.

(Authority for term: OAC rules 3745-77-07(A)(3)(c)(i) and (ii))

- iv. Each written report shall be signed by a responsible official certifying that, "based on information and belief formed after reasonable inquiry, the statements and information in the report (including any written malfunction reports required by OAC rule 3745-15-06 that are referenced in the deviation reports) are true, accurate, and complete."
(Authority for term: OAC rule 3745-77-07(A)(3)(c)(iv))
- v. Reports of any required monitoring and/or record keeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
(Authority for term: OAC rule 3745-77-07(A)(3)(c))

2. Scheduled Maintenance

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. Except as provided in OAC rule 3745-15-06(A)(3), any scheduled maintenance necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s). Any scheduled maintenance, as defined in OAC rule 3745-15-06(A)(1), that results in a deviation from a federally enforceable emission limitation (or control requirement) shall be reported in the same manner as described for malfunctions in General Term and Condition A.1.c.i above.

(Authority for term: OAC rule 3745-77-07(A)(3)(c))

3. Risk Management Plans

If applicable, the permittee shall develop and register a risk management plan pursuant to section 112(r) of the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq. ("Act"); and, pursuant to 40 C.F.R. 68.215(a), the permittee shall submit either of the following:

- a. a compliance plan for meeting the requirements of 40 C.F.R. Part 68 by the date specified in 40 C.F.R. 68.10(a) and OAC 3745-104-05(A); or
- b. as part of the compliance certification submitted under 40 C.F.R. 70.6(c)(5), a certification statement that the source is in compliance with all requirements of 40 C.F.R. Part 68 and OAC Chapter 3745-104, including the registration and submission of the risk management plan.

(Authority for term: OAC rule 3745-77-07(A)(4))

4. Title IV Provisions

If the permittee is subject to the requirements of 40 CFR Part 72 concerning acid rain, the permittee shall ensure that any affected emissions unit complies with those requirements. Emissions exceeding any allowances that are lawfully held under Title IV of the Act, or any regulations adopted thereunder, are prohibited.

(Authority for term: OAC rule 3745-77-07(A)(5))

5. Severability Clause

A determination that any term or condition of this permit is invalid shall not invalidate the force or effect of any other term or condition thereof, except to the extent that any other term or condition depends in whole or in part for its operation or implementation upon the term or condition declared invalid.

(Authority for term: OAC rule 3745-77-07(A)(6))

6. General Requirements

- a. The permittee must comply with all terms and conditions of this permit. Any noncompliance with the federally enforceable terms and conditions of this permit constitutes a violation of the Act, and is grounds for enforcement action or for permit revocation, revocation and reissuance, or modification, or for denial of a permit renewal application.
- b. It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the federally enforceable terms and conditions of this permit.
- c. This permit may be modified, reopened, revoked, or revoked and reissued, for cause, in accordance with A.10 below. The filing of a request by the permittee for a permit modification, revocation and reissuance, or revocation, or of a notification of planned changes or anticipated noncompliance does not stay any term and condition of this permit.
- d. This permit does not convey any property rights of any sort, or any exclusive privilege.
- e. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon request, the permittee shall also furnish to the Director or an authorized representative of the Director, copies of records required to be kept by this permit. For information claimed to be confidential in the submittal to the Director, if the Administrator of the U.S. EPA requests such information, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

(Authority for term: OAC rule 3745-77-07(A)(7))

7. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78.

(Authority for term: OAC rule 3745-77-07(A)(8))

8. Marketable Permit Programs

No revision of this permit is required under any approved economic incentive, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in this permit.

(Authority for term: OAC rule 3745-77-07(A)(9))

9. Reasonably Anticipated Operating Scenarios

The permittee is hereby authorized to make changes among operating scenarios authorized in this permit without notice to the Ohio EPA, but, contemporaneous with making a change from one operating scenario to another, the permittee must record in a log at the permitted facility the scenario under which the permittee is operating. The permit shield provided in these general terms and conditions shall apply to all operating scenarios authorized in this permit.

(Authority for term: OAC rule 3745-77-07(A)(10))

10. Reopening for Cause

This Title V permit will be reopened prior to its expiration date under the following conditions:

- a. Additional applicable requirements under the Act become applicable to one or more emissions units covered by this permit, and this permit has a remaining term of three or more years. Such a reopening shall be completed not later than eighteen (18) months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to paragraph (E)(1) of OAC rule 3745-77-08.
- b. This permit is issued to an affected source under the acid rain program and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit, and shall not require a reopening of this permit.
- c. The Director of the Ohio EPA or the Administrator of the U.S. EPA determines that the federally applicable requirements in this permit are based on a material mistake, or that inaccurate statements were made in establishing the emissions standards or other terms and conditions of this permit related to such federally applicable requirements.
- d. The Administrator of the U.S. EPA or the Director of the Ohio EPA determines that this permit must be revised or revoked to assure compliance with the applicable requirements.

(Authority for term: OAC rules 3745-77-07(A)(12) and 3745-77-08(D))

11. Federal and State Enforceability

Only those terms and conditions designated in this permit as federally enforceable, that are required under the Act, or any of its applicable requirements, including relevant provisions designed to limit the potential to emit of a source, are enforceable by the Administrator of the U.S. EPA, the State, and citizens under the Act. All other terms and conditions of this permit shall not be federally enforceable and shall be enforceable under State law only.

(Authority for term: OAC rule 3745-77-07(B))

12. Compliance Requirements

- a. Any document (including reports) required to be submitted and required by a federally applicable requirement in this Title V permit shall include a certification by a responsible official that, based on information and belief formed after reasonable inquiry, the statements in the document are true, accurate, and complete.
- b. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Director of the Ohio EPA or an authorized representative of the Director to:
 - i. At reasonable times, enter upon the permittee's premises where a source is located or the emissions-related activity is conducted, or where records must be kept under the conditions of this permit.
 - ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, subject to the protection from disclosure to the public of confidential information consistent with paragraph (E) of OAC rule 3745-77-03.
 - iii. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.
 - iv. As authorized by the Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit and applicable requirements.

- c. The permittee shall submit progress reports to the appropriate Ohio EPA District Office or local air agency concerning any schedule of compliance for meeting an applicable requirement. Progress reports shall be submitted semiannually, or more frequently if specified in the applicable requirement or by the Director of the Ohio EPA. Progress reports shall contain the following:
 - i. Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.
 - ii. An explanation of why any dates in any schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.
- d. Compliance certifications concerning the terms and conditions contained in this permit that are federally enforceable emission limitations, standards, or work practices, shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) and the Administrator of the U.S. EPA in the following manner and with the following content:
 - i. Compliance certifications shall be submitted annually on a calendar year basis. The annual certification shall be submitted on or before April 30th of each year during the permit term.
 - ii. Compliance certifications shall include the following:
 - (a) An identification of each term or condition of this permit that is the basis of the certification.
 - (b) The permittee's current compliance status.
 - (c) Whether compliance was continuous or intermittent.
 - (d) The method(s) used for determining the compliance status of the source currently and over the required reporting period.
 - (e) Such other facts as the Director of the Ohio EPA may require in the permit to determine the compliance status of the source.
 - iii. Compliance certifications shall contain such additional requirements as may be specified pursuant to sections 114(a)(3) and 504(b) of the Act.

(Authority for term: OAC rules 3745-77-07(C)(1),(2),(4) and (5) and ORC section 3704.03(L))

13. Permit Shield

- a. Compliance with the terms and conditions of this permit (including terms and conditions established for alternate operating scenarios, emissions trading, and emissions averaging, but excluding terms and conditions for which the permit shield is expressly prohibited under OAC rule 3745-77-07) shall be deemed compliance with the applicable requirements identified and addressed in this permit as of the date of permit issuance.
- b. This permit shield provision shall apply to any requirement identified in this permit pursuant to OAC rule 3745-77-07(F)(2), as a requirement that does not apply to the source or to one or more emissions units within the source.

(Authority for term: OAC rule 3745-77-07(F))

14. Operational Flexibility

The permittee is authorized to make the changes identified in OAC rule 3745-77-07(H)(1)(a) to (H)(1)(c) within the permitted stationary source without obtaining a permit revision, if such change is not a modification under any provision of Title I of the Act [as defined in OAC rule 3745-77-01(JJ)], and does not result in an exceedance of the emissions allowed under this permit (whether expressed therein as a rate of emissions or in terms of total emissions), and the permittee provides the Administrator of the U.S. EPA and the appropriate Ohio EPA District Office or local air agency with written notification within a minimum of seven days in advance of the proposed changes, unless the change is associated with, or in response to, emergency conditions. If less than seven days notice is provided because of a need to respond more quickly to such emergency conditions, the permittee shall provide notice to the Administrator of the U.S. EPA and the appropriate District Office of the Ohio EPA or local

air agency as soon as possible after learning of the need to make the change. The notification shall contain the items required under OAC rule 3745-77-07(H)(2)(d).
(Authority for term: OAC rules 3745-77-07(H)(1) and (2))

15. Emergencies

The permittee shall have an affirmative defense of emergency to an action brought for noncompliance with technology-based emission limitations if the conditions of OAC rule 3745-77-07(G)(3) are met. This emergency defense provision is in addition to any emergency or upset provision contained in any applicable requirement.
(Authority for term: OAC rule 3745-77-07(G))

16. Off-Permit Changes

The owner or operator of a Title V source may make any change in its operations or emissions at the source that is not specifically addressed or prohibited in the Title V permit, without obtaining an amendment or modification of the permit, provided that the following conditions are met:

- a. The change does not result in conditions that violate any applicable requirements or that violate any existing federally enforceable permit term or condition.
- b. The permittee provides contemporaneous written notice of the change to the Director and the Administrator of the U.S. EPA. Such written notice shall describe each such change, the date of such change, any change in emissions or pollutants emitted, and any federally applicable requirement that would apply as a result of the change.
- c. The change shall not qualify for the permit shield under OAC rule 3745-77-07(F).
- d. The permittee shall keep a record describing all changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from those changes.
- e. The change is not subject to any applicable requirement under Title IV of the Act or is not a modification under any provision of Title I of the Act.

Paragraph (I) of rule 3745-77-07 of the Administrative Code applies only to modification or amendment of the permittee's Title V permit. The change made may require a permit to install under Chapter 3745-31 of the Administrative Code if the change constitutes a modification as defined in that Chapter. Nothing in paragraph (I) of rule 3745-77-07 of the Administrative Code shall affect any applicable obligation under Chapter 3745-31 of the Administrative Code.

(Authority for term: OAC rule 3745-77-07(I))

17. Compliance Method Requirements

Nothing in this permit shall alter or affect the ability of any person to establish compliance with, or a violation of, any applicable requirement through the use of credible evidence to the extent authorized by law. Nothing in this permit shall be construed to waive any defenses otherwise available to the permittee, including but not limited to, any challenge to the Credible Evidence Rule (see 62 Fed. Reg. 8314, Feb. 24, 1997), in the context of any future proceeding.

(This term is provided for informational purposes only.)

18. Insignificant Activities

Each insignificant activity that has one or more applicable requirements shall comply with those applicable requirements.

(Authority for term: OAC rule 3745-77-07(A)(1))

19. Permit to Install Requirement

Prior to the “installation” or “modification” of any “air contaminant source,” as those terms are defined in OAC rule 3745-31-01, a permit to install must be obtained from the Ohio EPA pursuant to OAC Chapter 3745-31. *(Authority for term: OAC rule 3745-77-07(A)(1))*

20. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07. *(Authority for term: OAC rule 3745-77-07(A)(1))*

21. Permanent Shutdown of an Emissions Unit

The permittee may notify Ohio EPA of any emissions unit that is permanently shut down by submitting a certification by the responsible official of the date on which the emissions unit was permanently shut down. Authorization to operate the affected part or activity of the stationary source shall cease upon the date certified by the responsible official that the emissions unit was permanently shut down.

If an emissions unit is permanently shut down (i.e., that has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent “modification” or “installation” as defined in OAC Chapter 3745-31 and therefore ceases to meet the definition of an “emissions unit” as defined in OAC rule 3745-77-01(O)), rendering existing permit terms and conditions irrelevant, the permittee shall not be required, after the date of the certification and submission to Ohio EPA, to meet any monitoring, record keeping, reporting, or testing requirements, applicable to that emissions unit, except for any residual requirements, such as the quarterly deviation reports, semi-annual deviation reports and annual compliance certification covering the period during which the emissions unit last operated. All records relating to the shutdown emissions unit, generated while the emissions unit was in operation, must be maintained in accordance with law.

No emissions unit certified by the responsible official as being permanently shut down may resume operation without first applying for and obtaining a permit to install pursuant to OAC Chapter 3745-31.

B. State Only Enforceable Section

1. Reporting Requirements Related to Monitoring and Record Keeping Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or record keeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
- b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (i) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and record keeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. In identifying each deviation, the permittee shall specify the applicable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

2. Records Retention Requirements

Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

3. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

4. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).

5. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

6. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations (See Section A of This Permit)

If no emission limitation (or control requirement), operational restriction and/or control device parameter limitation deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted by January 31, April 30, July 31, and October 31 of each year; and each report shall cover the previous calendar quarter.

The permittee is not required to submit a quarterly report which states that no deviations occurred during that quarter for the following situations:

- a. where an emissions unit has deviation reporting requirements for a specific emission limitation, operational restriction, or control device parameter limitation that override the deviation reporting requirements specified in General Term and Condition A.1.c.ii;
- b. where an uncontrolled emissions unit has no monitoring, record keeping, or reporting requirements and the emissions unit's applicable emission limitations are established at the potentials to emit; and
- c. where the company's responsible official has certified that an emissions unit has been permanently shut down.

Part II - Specific Facility Terms and Conditions

A. State and Federally Enforcable Section

1. The permittee will be subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Rubber Tire Production, 40 CFR, Part 63, Subpart XXXX. U.S. EPA failed to promulgate this standard by May 15, 2002, the Maximum Achievable Control Technology (MACT) hammer date. In accordance with 40 CFR Part 63, Subpart B (40 CFR Parts 63.50 through 63.56), the permittee shall submit an application to revise the permit to include equivalent emission limitations as a result of a case-by-case MACT determination. The application shall be submitted in two parts. The deadline to submit the Part I application, as specified in 40 CFR Part 63.53, was May 15, 2002.

The permittee will be subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Rubber Tire Production, 40 CFR, Part 63, Subpart XXXX. U.S. EPA failed to promulgate this standard by May 15, 2002, the Maximum Achievable Control Technology (MACT) hammer date. In accordance with 40 CFR Part 63, Subpart B (40 CFR Parts 63.50 through 63.56), the permittee shall submit an application to revise the permit to include equivalent emission limitations as a result of a case-by-case MACT determination. The application shall be submitted in two parts. The deadline to submit the Part I application, as specified in 40 CFR Part 63.53, was May 15, 2002.

2. If the final MACT standard is not promulgated by the deadline specified by U.S. EPA, the permittee shall submit the Part II application as specified in 40 CFR Part 63.53. The Part II application shall be submitted within 60 days after the deadline to promulgate the respective standard, as specified by the settlement between U.S. EPA and Sierra Club. It must contain the following information:
 - a. for a new affected source, the anticipated date of startup of operation;
 - b. the hazardous air pollutants (HAPs) emitted by each affected source in the relevant source category and an estimated total uncontrolled and controlled emission rate for HAPs from the affected source;
 - c. any existing federal, State, or local limitations or requirements applicable to the affected source;
 - d. for each affected emission point or group of affected emission points, an identification of control technology in place;
 - e. information relevant to establishing the MACT floor (or MACT emission limitation), and, at the option of the permittee, a recommended MACT floor; and
 - f. any other information reasonably needed by the permitting authority including, at the discretion of the permitting authority, information required pursuant to Subpart A of 40 CFR Part 63.

The Part II application for a MACT determination may, but is not required to, contain the following information:

- a. recommended emission limitations for the affected source and support information. (The permittee may recommend a specific design, equipment, work practice, or operational standard, or a combination thereof, as an emission limitation);
- b. a description of the control technologies that would be applied to meet the emission limitation, including technical information on the design, operation, size, estimated control efficiency and any other information deemed appropriate by the permitting authority, and identification of the affected sources to which the control technologies must be applied; and
- c. relevant parameters to be monitored and frequency of monitoring to demonstrate continuous compliance with the MACT emission limitation over the applicable reporting period.

A. State and Federally Enforcable Section (continued)

If the final MACT standard is not promulgated by the deadline specified by U.S. EPA, the permittee shall submit the Part II application as specified in 40 CFR Part 63.53. The Part II application shall be submitted within 60 days after the deadline to promulgate the respective standard, as specified by the settlement between U.S. EPA and Sierra Club. It must contain the following information:

- a. for a new affected source, the anticipated date of startup of operation;
- b. the hazardous air pollutants (HAPs) emitted by each affected source in the relevant source category and an estimated total uncontrolled and controlled emission rate for HAPs from the affected source;
- c. any existing federal, State, or local limitations or requirements applicable to the affected source;
- d. for each affected emission point or group of affected emission points, an identification of control technology in place;
- e. information relevant to establishing the MACT floor (or MACT emission limitation), and, at the option of the permittee, a recommended MACT floor; and
- f. any other information reasonably needed by the permitting authority including, at the discretion of the permitting authority, information required pursuant to Subpart A of 40 CFR Part 63.

The Part II application for a MACT determination may, but is not required to, contain the following information:

- a. recommended emission limitations for the affected source and support information. (The permittee may recommend a specific design, equipment, work practice, or operational standard, or a combination thereof, as an emission limitation);
- b. a description of the control technologies that would be applied to meet the emission limitation, including technical information on the design, operation, size, estimated control efficiency and any other information deemed appropriate by the permitting authority, and identification of the affected sources to which the control technologies must be applied; and
- c. relevant parameters to be monitored and frequency of monitoring to demonstrate continuous compliance with the MACT emission limitation over the applicable reporting period.

- 3.** If the NESHAP is promulgated before May 15, 2004, the facility shall be subject to the rule as an existing major source with a compliance date as specified in the NESHAP. Pursuant to the Subpart, the permittee shall submit the following notifications:

- a. Within 120 days after promulgation of 40 CFR, Part 63, Subpart XXXX, the permittee shall submit an Initial Notification Report which certifies whether or not the permittee is subject to the promulgated standard. If the permittee is subject to the final standard, the following information shall also be included in the Initial Notification Report, in accordance with 40 CFR Part 63.9(b)(2):
 - i. the name and mailing address of the permittee;
 - ii. the physical location of the source if it is different from the mailing address;
 - iii. identification of the relevant MACT standard and the source's compliance date;
 - iv. a brief description of the nature, design, size, and method of operation of the source, including the operating design capacity and an identification of each emission point of each HAP; and
 - v. a statement confirming the facility is a major source for HAPs.

A. State and Federally Enforcable Section (continued)

- b. Within 60 days following completion of any required compliance demonstration activity specified in 40 CFR Part 63, Subpart XXXX, the permittee shall submit a notification of compliance status that contains the following information:
- i. the methods used to determine compliance;
 - ii. the results of any performance tests, visible emission observations, continuous monitoring systems performance evaluations, and/or other monitoring procedures or methods that were conducted;
 - iii. the methods that will be used for determining continuous compliance, including a description of monitoring and reporting requirements and test methods;
 - iv. the type and quantity of HAPs emitted by the source, reported in units and averaging times in accordance with the test methods specified in 40 CFR Part 63, Subpart XXXX;
 - v. an analysis demonstrating whether the affected source is a major source or an area source;
 - vi. a description of the air pollution control equipment or method for each emission point, including each control device or method for each HAP and the control efficiency (percent) for each control device or method; and
 - vii. a statement of whether or not the permittee has complied with the requirements of 40 CFR Part 63, Subpart XXXX.

If the NESHAP is promulgated before May 15, 2004, the facility shall be subject to the rule as an existing major source with a compliance date as specified in the NESHAP. Pursuant to the Subpart, the permittee shall submit the following notifications:

- a. Within 120 days after promulgation of 40 CFR, Part 63, Subpart XXXX, the permittee shall submit an Initial Notification Report which certifies whether or not the permittee is subject to the promulgated standard. If the permittee is subject to the final standard, the following information shall also be included in the Initial Notification Report, in accordance with 40 CFR Part 63.9(b)(2):
- i. the name and mailing address of the permittee;
 - ii. the physical location of the source if it is different from the mailing address;
 - iii. identification of the relevant MACT standard and the source's compliance date;
 - iv. a brief description of the nature, design, size, and method of operation of the source, including the operating design capacity and an identification of each emission point of each HAP; and
 - v. a statement confirming the facility is a major source for HAPs.

A. State and Federally Enforcable Section (continued)

- b. Within 60 days following completion of any required compliance demonstration activity specified in 40 CFR Part 63, Subpart XXXX, the permittee shall submit a notification of compliance status that contains the following information:
 - i. the methods used to determine compliance;
 - ii. the results of any performance tests, visible emission observations, continuous monitoring systems performance evaluations, and/or other monitoring procedures or methods that were conducted;
 - iii. the methods that will be used for determining continuous compliance, including a description of monitoring and reporting requirements and test methods;
 - iv. the type and quantity of HAPs emitted by the source, reported in units and averaging times in accordance with the test methods specified in 40 CFR Part 63, Subpart XXXX;
 - v. an analysis demonstrating whether the affected source is a major source or an area source;
 - vi. a description of the air pollution control equipment or method for each emission point, including each control device or method for each HAP and the control efficiency (percent) for each control device or method; and
 - vii. a statement of whether or not the permittee has complied with the requirements of 40 CFR Part 63, Subpart XXXX.

B. State Only Enforceable Section

- 1. The following insignificant emissions units are located at this facility:

Green Tire Painter #10, Ohio EPA emissions unit K003;
Green Tire Painter #11, Ohio EPA emissions unit K004;
Green Tire Painter #7, Ohio EPA emissions unit K005;
Green Tire Painter #12, Ohio EPA emissions unit K006;
Cold Cleaner Vapor Degreaser #1, Ohio EPA emissions unit L001;
Cold Cleaner Vapor Degreaser #2, Ohio EPA emissions unit L002;
Cold Cleaner Vapor Degreaser #3, Ohio EPA emissions unit L003;
Cold Cleaner Vapor Degreaser #4, Ohio EPA emissions unit L004;
Cold Cleaner Vapor Degreaser #5, Ohio EPA emissions unit L005;
Cold Cleaner Vapor Degreaser #6, Ohio EPA emissions unit L006;
Cold Cleaner Vapor Degreaser #7, Ohio EPA emissions unit L007;
Cold Cleaner Vapor Degreaser #8, Ohio EPA emissions unit L008;
Cold Cleaner Vapor Degreaser #9, Ohio EPA emissions unit L009;
Cold Cleaner Vapor Degreaser #10, Ohio EPA emissions unit L010;
Cold Cleaner Vapor Degreaser #11, Ohio EPA emissions unit L011;
Cold Cleaner Vapor Degreaser #12, Ohio EPA emissions unit L012;
Cold Cleaner Vapor Degreaser #13, Ohio EPA emissions unit L013;
Cold Cleaner Vapor Degreaser #14, Ohio EPA emissions unit L014;
Cold Cleaner Vapor Degreaser #15, Ohio EPA emissions unit L015;
Tire Curing Presses (A01-A19), Ohio EPA emissions unit P014;
Tire Curing Presses (B01-B09 & B11), Ohio EPA emissions unit P015;
Tire Curing Presses (D01-D11), Ohio EPA emissions unit P017;
Tire Building Stations, Ohio EPA emissions unit P024;
White Sidewall Buffer #4, Ohio EPA emissions unit P025;
White Sidewall Buffer #3, Ohio EPA emissions unit P026;

B. State Only Enforceable Section (continued)

White Sidewall Buffer #2, Ohio EPA emissions unit P027;
White Sidewall Buffer #1, Ohio EPA emissions unit P028;
Tire Uniformity Optimizer #1, Ohio EPA emissions unit P118;
Tire Uniformity Optimizer #2, Ohio EPA emissions unit P119;
Tire Uniformity Optimizer #3, Ohio EPA emissions unit P120;
Tire Uniformity Optimizer #4, Ohio EPA emissions unit P121;
White Sidewall Buffer #5, Ohio EPA emissions unit P122;
Manual White Sidewall Buffer #6, Ohio EPA emissions unit P123;
Tire Uniformity Optimizer #5, Ohio EPA emissions unit P124;
Tire Uniformity Optimizer #6, Ohio EPA emissions unit P126;
Pellet Cooler or Rotary Cooler, Ohio EPA emissions unit P127;
Tire Uniformity Optimizer #8, Ohio EPA emissions unit P128;
Tire Uniformity Optimizer #7, Ohio EPA emissions unit P130;
Tire Uniformity Optimizer #9, Ohio EPA emissions unit P131;
Tire Uniformity Optimizer #10, Ohio EPA emissions unit P132;
Tire Uniformity Optimizer #11, Ohio EPA emissions unit P133;
Cold Cleaner #2, Ohio EPA emissions unit P138;
Tire Uniformity Optimizer #12, Ohio EPA emissions unit P143;
Tire Uniformity Optimizer #13, Ohio EPA emissions unit P145;
Mold Cleaner, Ohio EPA emissions unit P146;
Black Sidewall Component Line #9, Ohio EPA emissions unit P148;

White Sidewall Buffer #7(Not Installed), Ohio EPA emissions unit P151;
Tire Unif. Optimizer #14 (Not Installed), Ohio EPA emissions unit P152;
Tire Unif. Optimizer #15 (Not Installed), Ohio EPA emissions unit P153;
Tire Curing Press N06, Ohio EPA emissions unit P801;
Tire Curing Press N07, Ohio EPA emissions unit P802;
Tire Curing Press N08, Ohio EPA emissions unit P803;
Tire Curing Press N09, Ohio EPA emissions unit P804;
Tire Curing Press N10, Ohio EPA emissions unit P805;
Tire Curing Press P06, Ohio EPA emissions unit P806;
Tire Curing Press P07, Ohio EPA emissions unit P807;
Tire Curing Press P08, Ohio EPA emissions unit P808;
Tire Curing Press P09, Ohio EPA emissions unit P809;
Tire Curing Press P10, Ohio EPA emissions unit P810;
Tire Curing Press A00, Ohio EPA emissions unit P811;
Tire Curing Press B12, Ohio EPA emissions unit P812;
Tire Curing Press B13, Ohio EPA emissions unit P813;
Tire Curing Press B14, Ohio EPA emissions unit P814;
Tire Curing Press C00, Ohio EPA emissions unit P815;
Tire Curing Press D12, Ohio EPA emissions unit P816;
Tire Curing Press D13, Ohio EPA emissions unit P817;
Tire Curing Press D14, Ohio EPA emissions unit P818;
Tire Curing Press G08, Ohio EPA emissions unit P819;
Tire Curing Press G09, Ohio EPA emissions unit P820;
Tire Curing Press G10, Ohio EPA emissions unit P821;

B. State Only Enforceable Section (continued)

Tire Curing Press G11, Ohio EPA emissions unit P822;
Tire Curing Press H01, Ohio EPA emissions unit P823;
Tire Curing Press H02, Ohio EPA emissions unit P824;
Tire Curing Press H03, Ohio EPA emissions unit P825;
Tire Curing Press H04, Ohio EPA emissions unit P826;
Tire Curing Press H05, Ohio EPA emissions unit P827;
Tire Curing Press H09, Ohio EPA emissions unit P828;
Tire Curing Press H10, Ohio EPA emissions unit P829;
Tire Curing Press H11, Ohio EPA emissions unit P830;
Tire Curing Press H08, Ohio EPA emissions unit P831;
Tire Curing Press J01, Ohio EPA emissions unit P832;
Tire Curing Press J02, Ohio EPA emissions unit P833;
Tire Curing Press J03, Ohio EPA emissions unit P834;
Tire Curing Press J04, Ohio EPA emissions unit P835;
Tire Curing Press J05, Ohio EPA emissions unit P836;
Tire Curing Press J06, Ohio EPA emissions unit P837;
Tire Curing Press J07, Ohio EPA emissions unit P838;
Tire Curing Press J08, Ohio EPA emissions unit P839;
Tire Curing Press J09, Ohio EPA emissions unit P840;
Tire Curing Press K07, Ohio EPA emissions unit P841;
Tire Curing Press K08, Ohio EPA emissions unit P842;
Tire Curing Press K09, Ohio EPA emissions unit P843;
Tire Curing Press K10, Ohio EPA emissions unit P844;
Tire Curing Press K11, Ohio EPA emissions unit P845;

Tire Curing Press K12, Ohio EPA emissions unit P846;
Tire Curing Press L10, Ohio EPA emissions unit P847;
Tire Curing Press L11, Ohio EPA emissions unit P848;
Tire Curing Press L12, Ohio EPA emissions unit P849;
Tire Curing Press L13, Ohio EPA emissions unit P850;
Tire Curing Press L14, Ohio EPA emissions unit P851;
Tire Curing Press L15, Ohio EPA emissions unit P852;
Tire Curing Press M11, Ohio EPA emissions unit P853;
Tire Curing Press M12, Ohio EPA emissions unit P854;
Tire Curing Press M13, Ohio EPA emissions unit P855;
Tire Curing Press M14, Ohio EPA emissions unit P856;
Tire Curing Press M15, Ohio EPA emissions unit P857;
Tire Curing Press N01, Ohio EPA emissions unit P858;
Tire Curing Press N02, Ohio EPA emissions unit P859;
Tire Curing Press N03, Ohio EPA emissions unit P860;
Tire Curing Press N04, Ohio EPA emissions unit P861;
Tire Curing Press N05, Ohio EPA emissions unit P862;
Tire Curing Press P01, Ohio EPA emissions unit P863;
Tire Curing Press P02, Ohio EPA emissions unit P864;
Tire Curing Press P03, Ohio EPA emissions unit P865;
Tire Curing Press P04, Ohio EPA emissions unit P866;
Tire Curing Press P05, Ohio EPA emissions unit P867;
Tire Curing Press R01, Ohio EPA emissions unit P868;
Tire Curing Press R02, Ohio EPA emissions unit P869;
Tire Curing Press M09, Ohio EPA emissions unit P871;
Tire Curing Press M10, Ohio EPA emissions unit P872;
Tire Curing Press R03, Ohio EPA emissions unit P873;
Tire Curing Press R&D (Not Installed), Ohio EPA emissions unit P875;
Tire Curing Press #1 Adv Mfg(Not Inst), Ohio EPA emissions unit P876;
Tire Curing Press #2 Adv Mfg(Not Inst), Ohio EPA emissions unit P877;
Tire Curing Press #3 Adv Mfg(Not Inst), Ohio EPA emissions unit P878;

B. State Only Enforceable Section (continued)

Tire Curing Press #4 Adv Mfg(Not Inst), Ohio EPA emissions unit P879;
Tire Curing Press #5 Adv Mfg(Not Inst), Ohio EPA emissions unit P880;
Tire Curing Press #6 Adv Mfg(Not Inst), Ohio EPA emissions unit P881;
Tire Curing Press #7 Adv Mfg(Not Inst), Ohio EPA emissions unit P882;
Tire Curing Press #8 Adv Mfg(Not Inst), Ohio EPA emissions unit P883;
Tire Curing Press #9 Adv Mfg(Not Inst), Ohio EPA emissions unit P884;
Tire Curing Press#10 Adv Mfg(Not Inst),Ohio EPA emissions unit P885;
Tire Curing Press#11 Adv Mfg(Not Inst),Ohio EPA emissions unit P886;
Tire Curing Press#12 Adv Mfg(Not Inst),Ohio EPA emissions unit P887;
Tire Curing Press#13 Adv Mfg(Not Inst),Ohio EPA emissions unit P888;
Tire Curing Press#14 Adv Mfg(Not Inst),Ohio EPA emissions unit P889;
Tire Curing Press#15 Adv Mfg(Not Inst),Ohio EPA emissions unit P890;
Tire Curing Press#16 Adv Mfg(Not Inst),Ohio EPA emissions unit P891;
Green Tire Painter #8, Ohio EPA emissions unit R008;
R & D Spraybooth, Ohio EPA emissions unit R009;
Green Tire Painter #9, Ohio EPA emissions unit R011;
Tank #4 - Tank Farm (12105), Ohio EPA emissions unit T003;
Tank #3 - Tank Farm (12105), Ohio EPA emissions unit T004;
Tank #2 - Tank Farm (2224), Ohio EPA emissions unit T005;
Tank #1 - Tank Farm (2224), Ohio EPA emissions unit T006;
Process Oil Tank #6- In Basement, Ohio EPA emissions unit T007;
Tank #6 - Tank Farm (16003), Ohio EPA emissions unit T008;
Process Oil Tank #7- In Bsmnt (2224), Ohio EPA emissions unit T009;
Process Oil Tank #5- In Bsmnt (2223), Ohio EPA emissions unit T010;
Process Oil Tank #8- In Bsmnt (13058),Ohio EPA emissions unit T011;
Tank #5 - Tank Farm (16003), Ohio EPA emissions unit T012;

Latex Storage Tank #1- Bldg 28 (1110), Ohio EPA emissions unit T013;
Latex Storage Tank #2- Bldg 28 (1110), Ohio EPA emissions unit T014;
Bead ID Paint Operations, Ohio EPA emissions unit Z001;
Tire Building Machine, Ohio EPA emissions unit Z004;
Tire Building Machine, Ohio EPA emissions unit Z005;
Tire Building Machine, Ohio EPA emissions unit Z006;
Tire Building Machine, Ohio EPA emissions unit Z007;
Tire Building Machine, Ohio EPA emissions unit Z008;
Tire Building Machine, Ohio EPA emissions unit Z009;
Tire Building Machine, Ohio EPA emissions unit Z010;
Tire Building Machine, Ohio EPA emissions unit Z011;
Tire Building Machine, Ohio EPA emissions unit Z012;
Tire Building Machine, Ohio EPA emissions unit Z013;
Tire Building Machine, Ohio EPA emissions unit Z014;
Tire Building Machine, Ohio EPA emissions unit Z015;
Tire Building Machine, Ohio EPA emissions unit Z016;
Tire Building Machine, Ohio EPA emissions unit Z017;
Tire Building Machine, Ohio EPA emissions unit Z018;
Tire Building Machine, Ohio EPA emissions unit Z019;
Tire Building Machine, Ohio EPA emissions unit Z020;
Tire Building Machine, Ohio EPA emissions unit Z021;
Tire Building Machine, Ohio EPA emissions unit Z022;
Tire Building Machine, Ohio EPA emissions unit Z023;
Tire Building Machine, Ohio EPA emissions unit Z024;
Tire Building Machine, Ohio EPA emissions unit Z025;

B. State Only Enforceable Section (continued)

Tire Building Machine, Ohio EPA emissions unit Z026;
Tire Building Machine, Ohio EPA emissions unit Z027;
Tire Building Machine, Ohio EPA emissions unit Z028;
Tire Building Machine, Ohio EPA emissions unit Z029;
Tire Building Machine, Ohio EPA emissions unit Z030;
Tire Building Machine, Ohio EPA emissions unit Z031;
Tire Building Machine, Ohio EPA emissions unit Z032;
Tire Building Machine, Ohio EPA emissions unit Z033;
Tire Building Machine, Ohio EPA emissions unit Z034;
Tire Building Machine, Ohio EPA emissions unit Z035;
Tire Building Machine, Ohio EPA emissions unit Z036;
Tire Building Machine, Ohio EPA emissions unit Z037;
Tire Building Machine, Ohio EPA emissions unit Z038;
Tire Building Machine, Ohio EPA emissions unit Z039;
Tire Building Machine, Ohio EPA emissions unit Z040;
Tire Building Machine, Ohio EPA emissions unit Z041;
Tire Building Machine, Ohio EPA emissions unit Z042;
Tire Building Machine, Ohio EPA emissions unit Z043;
Tire Building Machine, Ohio EPA emissions unit Z044;
Tire Building Machine, Ohio EPA emissions unit Z045;
Tire Building Machine, Ohio EPA emissions unit Z046;
Tire Building Machine, Ohio EPA emissions unit Z047;
Tire Building Machine, Ohio EPA emissions unit Z048;
Tire Building Machine, Ohio EPA emissions unit Z049;
Tire Building Machine, Ohio EPA emissions unit Z050;

Tire Building Machine, Ohio EPA emissions unit Z051;
Tire Building Machine, Ohio EPA emissions unit Z052;
Tire Building Machine, Ohio EPA emissions unit Z053;
Tire Building Machine, Ohio EPA emissions unit Z054;
Tire Building Machine, Ohio EPA emissions unit Z055;
Tire Building Machine, Ohio EPA emissions unit Z056;
Tire Building Machine, Ohio EPA emissions unit Z057;
Tire Building Machine, Ohio EPA emissions unit Z058;
Tire Building Machine, Ohio EPA emissions unit Z059;
Tire Building Machine, Ohio EPA emissions unit Z060;
Tire Building Machine, Ohio EPA emissions unit Z061;
Tire Building Machine, Ohio EPA emissions unit Z062;
Tire Building Machine, Ohio EPA emissions unit Z063;
Tire Building Machine, Ohio EPA emissions unit Z064;
Tire Building Machine, Ohio EPA emissions unit Z065;
Tire Building Machine, Ohio EPA emissions unit Z066;
Tire Building Machine, Ohio EPA emissions unit Z067;
Tire Building Machine, Ohio EPA emissions unit Z068;
Tire Building Machine, Ohio EPA emissions unit Z069;
Tire Building Machine, Ohio EPA emissions unit Z070;
Tire Building Machine, Ohio EPA emissions unit Z071;

B. State Only Enforceable Section (continued)

Tire Building Machine, Ohio EPA emissions unit Z072;
Tire Building Machine, Ohio EPA emissions unit Z073;
Tire Building Machine, Ohio EPA emissions unit Z074;
Tire Building Machine, Ohio EPA emissions unit Z075;
Tire Building Machine, Ohio EPA emissions unit Z076;
Tire Building Machine, Ohio EPA emissions unit Z077;
Tire Building Machine, Ohio EPA emissions unit Z078;
Tire Building Machine, Ohio EPA emissions unit Z079;
Tire Building Machine, Ohio EPA emissions unit Z080;
Tire Building Machine, Ohio EPA emissions unit Z081;
Tire Building Machine, Ohio EPA emissions unit Z082; and
Tire Building Machine, Ohio EPA emissions unit Z083

Each insignificant emissions unit at this facility must comply with all applicable State and federal regulations, as well as any emission limitations and/or control requirements contained within a Permit to Install for the emissions unit.

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: B005 (B005)

Activity Description: 118 MMBTU/HR Natural Gas/No. 2 Fuel Oil Fired Boiler

A. State and Federally Enforceable Section

I. 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>
boiler - 118 mmBtu/hr - natural gas & no. 2 fuel oil (standby boiler)	OAC rule 3745-17-10(B)(1) and (B)(2)	0.020 lb particulate emissions (PE)/mmBtu of actual heat input
	OAC rule 3745-18-06(D)	1.6 lbs SO ₂ /mmBtu of actual heat input (for oil firing)
	OAC rule 3745-17-07(A)	Visible particulate emissions (PE) shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.
	OAC rule 3745-31-05 (PTI 03-927)	The requirements established pursuant to this rule are equivalent to the requirements of OAC rules 3745-17-10(B), 3745-18-06(D), 3745-17-07(A), 3745-23-06(B), and 3745-21-08(B).
	OAC rules 3745-21-06(B) and 3745-23-08(B)	See A.I.2.a.

2. Additional Terms and Conditions

- 2.a The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rule 3745-23-06 (B) and the "best available control techniques and operating practices" required pursuant to OAC rule 3745-21-08(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05 (A)(3) in Permit to Install 03-927.

On November 5, 2002, OAC rule 3745-21-08 was revised to delete paragraph (B); therefore, paragraph (B) is no longer part of the State regulations. However, that rule revision has not yet been submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-21-08, the requirement to satisfy the "best available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.

II. Operational Restrictions

1. The permittee shall burn only natural gas and/or no. 2 fuel oil in this emissions unit.

II. Operational Restrictions (continued)

2. The oil burned in this emissions unit shall have a sulfur content that is sufficient to comply with the allowable sulfur dioxide emission limitation specified in Section A.I. above.

III. Monitoring and/or Record Keeping Requirements

1. For each day during which the permittee burns a fuel other than natural gas and/or no. 2 fuel oil, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.
2. For each shipment of oil received for burning in this emissions unit, the permittee shall collect or require the oil supplier to collect a representative grab sample of oil and maintain records of the total quantity of oil received, the permittee's or oil supplier's analyses for sulfur content and heat content, and the calculated sulfur dioxide emission rate (in lbs/mmBtu). (The sulfur dioxide emission rate shall be calculated in accordance with the formula specified in OAC rule 3745-18-04(F).) A shipment may be comprised of multiple tank truck loads from the same supplier's batch, and the quality of the oil for those loads may be represented by a single batch analysis from the supplier.
3. The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with 40 CFR, Part 60, Appendix A, Method 19, or the appropriate ASTM methods (such as, ASTM methods D129, D240, D4294, D6010), or equivalent methods as approved by the Director.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas and/or no. 2 fuel oil was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.
2. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any record that shows a deviation of the allowable sulfur dioxide emission limitation based upon the calculated sulfur dioxide emission rates from Section A.III. above. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days after the deviation occurs.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I. of these terms and conditions shall be determined in accordance with the following methods:
 - 1.a Emission Limitation:
0.020 lb PE/mmBtu of actual heat input

Applicable Compliance Method-

When firing natural gas, compliance may be determined by multiplying the maximum hourly gas burning capacity of the emissions unit (mm cu. ft/hr) by the emission factor for natural gas [from AP-42, Section 1.4, Table 1.4-2 (revised 7/98)] of 1.9 lbs PE (filterable)/mm cu. ft, and then dividing by the maximum hourly heat input capacity of the emissions unit (mmBtu/hr).

When firing no. 2 oil, compliance may be determined by multiplying the maximum fuel oil capacity of the emissions unit (gallons/hr) by the emission factor for no. 2 oil [from AP-42, Section 1.3, Table 1.3-1 (revised 9/98)] of 2.0 lbs PE (filterable)/1000 gallons, and then dividing by the maximum hourly heat input capacity of the emissions unit (mmBtu/hr).

If required, the permittee shall demonstrate compliance with the PE standard above in accordance with the methods specified in OAC rule 3745-17-03(B)(10).

V. Testing Requirements (continued)

- 1.b** Emission Limitation:
1.6 lbs SO₂/mmBtu of actual heat input

Applicable Compliance Method:

When firing fuel oil, except as provided below, compliance with the allowable sulfur dioxide emission standard may be demonstrated by documenting that the sulfur content of each shipment of oil received meets the limitation.

When firing natural gas, compliance with the allowable SO₂ emission standard will be assumed due to the negligible percent sulfur, by weight, in the fuel.

If required, the permittee shall demonstrate compliance with the allowable SO₂ emission standard in accordance with the methods specified in OAC rule 3745-18-04(A).

- 1.c** Emission Limitation:
Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance with the visible PE limitation pursuant to OAC rule 3745-17-03(B)(1).

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. 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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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: B006 (B006)

Activity Description: 89.9 MMBTU/HR Natural Gas/No.2 Fuel Oil Fired Boiler

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

- 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>
boiler - 89.9 mmBtu/hr - natural gas & no. 2 fuel oil	OAC rule 3745-31-05 (A)(3) (PTI 03-7462)	45.59 lbs sulfur dioxide (SO ₂)/hr; 199.68 tons SO ₂ /year
		14.11 lbs nitrogen oxides (NO _x)/hr; 61.80 tons NO _x /yr
		7.55 lbs carbon monoxide (CO)/hr; 33.07 tons CO/yr
		1.28 lbs particulate emissions (PE)/hr; 5.61 tons PE/yr
		0.98 lb organic compound (OC)/hr; 4.30 tons OC/year
		See A.I.2.a and b.
	40 CFR 60.40c et seq. (NSPS Subpart Dc)	See A.I.2.c, A.II.2, A.III.2 and 3 and A.IV.2 and 3.
	OAC rule 3745-17-07(A)(1)	When firing only natural gas, visible PE shall not exceed 20% opacity as a 6-minute average, except as provided by rule.
		When firing no. 2 fuel oil, See A.I.2.d.
	OAC rule 3745-18-06(D)	See A.I.2.d.
OAC rule 3745-17-10(B)(1)	See A.I.2.d.	
OAC rule 3745-21-08(B)	See A.I.2.e.	
OAC rule 3745-23-06(B)	See A.I.2.e.	

2. Additional Terms and Conditions

- 2.a Best available technology (BAT) control requirements for this emissions unit has been determined to be the use of low NO_x burners. BAT also includes compliance with the terms and conditions of this permit.
- 2.b The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A)(1) [when combusting only natural gas] and 40 CFR 60.42c(d) and 40 CFR 60.43c(c) & (d) [when combusting only no. 2 fuel oil].
- 2.c The permittee shall not cause to be discharged into the atmosphere from the combustion of oil, any gases that exhibit greater than 20% opacity, as a 6-minute average, except for one 6-minute period per hour of not more than 27% opacity.

The opacity standards apply at all times, except during periods of startup, shutdown, or malfunction. [40 CFR 60.43c (c) and (d)]

- 2.d The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05 (A)(3) and/or 40 CFR 60.42c(d).
- 2.e The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rule 3745-23-06 (B) and the "best available control techniques and operating practices" required pursuant to OAC rule 3745-21-08(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05 (A)(3) in Permit to Install 03-7462.

On November 5, 2002, OAC rule 3745-21-08 was revised to delete paragraph (B); therefore, paragraph (B) is no longer part of the State regulations. However, that rule revision has not yet been submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-21-08, the requirement to satisfy the "best available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.

- 2.f This emissions unit is subject to the applicable provisions of Subpart Dc of the New Source Performance Standards (NSPS) as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60. The application and enforcement of these standards are delegated to the Ohio EPA. The requirements of 40 CFR Part 60 are also federally enforceable.

II. Operational Restrictions

- 1. The permittee shall combust only natural gas and/or distillate (no. 2 and/ or no. 1) fuel oil in this emissions unit.
- 2. The oil combusted in this emissions unit shall only be distillate oil (fuel oil numbers 1 or 2, as defined by the American Society for Testing and Materials in ASTM D396-78, 89, 90, 92, 96, or 98, "Standard Specification for Fuel Oils"). The sulfur content of the distillate oil shall contain no more than 0.5 weight percent sulfur. [40 CFR 60.42c (d) and (h)]

III. Monitoring and/or Record Keeping Requirements

- 1. For each day during which the permittee burns a fuel other than natural gas and/or distillate oil, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.
- 2. For each shipment of oil, the permittee shall use records of fuel supplier certification to demonstrate compliance, in part, with the operational restriction in section A.II.2. Records of fuel supplier certification shall include the following information:
 - i. the name of the oil supplier; and
 - ii. a statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in A.II.2 above. [40 CFR 60.48c(e)(11)]

III. Monitoring and/or Record Keeping Requirements (continued)

3. The permittee shall record and maintain records of the amounts of each fuel combusted during each month. [Alternative monitoring of 40 CFR 60.48c(j)]
4. For each shipment of oil received for burning in this emissions unit, the permittee shall maintain records of the total quantity of oil received, the permittee's or oil supplier's analyses for sulfur content and heat content, and the calculated sulfur dioxide emission rate (in lbs/mmBtu). (The sulfur dioxide emission rate shall be calculated in accordance with the formula specified in OAC rule 3745-18-04(F).) A shipment may be comprised of multiple tank truck loads from the same supplier's batch and the quality of the oil for those loads may be represented by a single batch analysis from the supplier.

The permittee shall collect or require the oil supplier to collect a representative grab sample for each shipment of oil that is received for burning in this emissions unit. The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with 40 CFR Part 60, Appendix A, Method 19, or the appropriate ASTM methods (such as, ASTM methods D240, D4294, D6010), or equivalent methods as approved by the Director.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas and/or distillate oil was combusted in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.
2. The permittee shall submit reports for each six-month period in which distillate oil is combusted in the emissions unit. The report shall include the following information:
 - i. calendar dates covered in the reporting period;
 - ii. records of fuel supplier certifications required in section A.III.2; and
 - iii. a certified statement signed by the permittee that the records of fuel supplier certifications submitted represent all of the fuel oil combusted during the reporting period.

The reports shall be submitted to the Ohio EPA Northwest District Office (NWDO) and shall be postmarked by the 30th day following the end of the reporting period.
[40 CFR 60.48c (e)(11) and (j)]

IV. Reporting Requirements (continued)

3. The permittee shall submit notification of the following:
 - a. date maximum capacity of this emissions unit was physically and permanently reduced (no later than 30 days after such date);
 - b. the maximum heat input capacity of and identification of fuels to be combusted in this emissions unit (same due date as in A.IV.3.a above); and
 - c. actual start-up date under reduced maximum capacity (within 15 days after such date).

Notifications are to be sent to:

Ohio Environmental Protection Agency
DAPC - Permit Management Unit
P. O. Box 163669
Columbus, Ohio 43216-3669

and

Ohio Environmental Protection Agency
Northwest District Office
Division of Air Pollution Control
347 North Dunbridge Road
Bowling Green, OH 43402

4. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of each oil shipment record that shows a deviation of the allowable restriction of the 0.5 percent sulfur content. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days after the deviation occurs.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I.1 of these terms and conditions shall be determined in accordance with the following methods:
 - 1.a Emission Limitations:
45.59 lbs SO₂/hr; 199.68 tons SO₂

Applicable Compliance Methods:

The hourly emission limitation is based on the combustion of no.2 fuel oil which represents a "worst-case scenario" for SO₂ emissions. The hourly emission limitation was established by multiplying the maximum capacity of the boiler (89.9 mmBtu/hr) by the heat content of no.2 fuel oil (140,000 Btu/gallon) and by a maximum sulfur content of 0.5% wt, and then by an emission factor of (142 lbs SO₂ x wt% sulfur)/1000 gallons of fuel oil (AP-42 Section 1.3, Fuel Oil Combustion [9/98]). Therefore, provided compliance is shown with the maximum sulfur content of 0.5% wt, compliance with the hourly limitation shall be assumed.

If required, the permittee shall demonstrate compliance in accordance with Methods 1-4 and 6 of 40 CFR Part 60, Appendix A.

Provided compliance with the hourly limitation is shown, compliance with the annual limitation shall be assumed (the annual limitation was determined by multiplying the hourly limitation by 8,760, and then dividing by 2000).

V. Testing Requirements (continued)

- 1.b** Emission Limitations:
14.11 lbs of NOx/hour; 61.80 tons of NOx/year

Applicable Compliance Methods:

The hourly emission limitation is based on the combustion of no.2 fuel oil which represents a "worst-case scenario" for NOx emissions and represents the potential to emit* for the emissions unit. The hourly emission limitation was established by multiplying the maximum heat input to the boiler (89.9 mmBtu/hr) by an emission factor of 0.1570 lb of NOx/mmBtu (based on a 2001 stack test while firing #2 fuel oil).

If required, the permittee shall demonstrate compliance with the hourly emission limitation in accordance with Methods 1 - 4 and 7 of 40 CFR Part 60, Appendix A.

Provided compliance with the hourly limitation is shown, compliance with the annual limitation shall be assumed (the annual limitation was determined by multiplying the hourly limitation by 8,760, and then dividing by 2000).

- 1.c** Emission Limitations:
7.55 lbs CO/hr; 33.07 tons CO/yr

Applicable Compliance Methods:

The hourly emission limitation is based on the combustion of natural gas which represents a "worst-case scenario" for CO emissions and represents the potential to emit* for the emissions unit. The hourly emission limitation was established by multiplying the maximum hourly fuel burning capacity of the boiler (89,900 ft³/hour) by an emission factor of 84 lbs of CO/million ft³ of natural gas (AP-42, Section 1.4, Natural Gas Combustion [revised 7/98]).

If required, the permittee shall demonstrate compliance with the hourly limitation in accordance with Methods 1-4 and 10 of 40 CFR Part 60, Appendix A.

Provided compliance with the hourly limitation is shown, compliance with the annual limitation shall be assumed (the annual limitation was determined by multiplying the hourly limitation by 8,760, and then dividing by 2000).

- 1.d** Emission Limitations:
1.28 lbs of PE/hour; 5.61 tons of PE/year

Applicable Compliance Methods:

The hourly emission limitation is based on the combustion of no.2 fuel oil which represents a "worst-case scenario" for PE and represents the potential to emit* for the emissions unit. The hourly emission limitation was established by multiplying the maximum capacity of the boiler (89.9 mmBtu/hour) by the heat content of #2 fuel (140,000 Btu/gallon) and by an emission factor of 2 lbs PE/1000 gallons of fuel oil (AP-42, Section 1.3, Fuel Oil Combustion [revised 9/98]).

If required, the permittee shall demonstrate compliance with the hourly limitation in accordance with Methods 1-5 of 40 CFR Part 60, Appendix A.

Provided compliance with the hourly limitation is shown, compliance with the annual limitation shall be assumed (the annual limitation was determined by multiplying the hourly limitation by 8,760, and then dividing by 2000).

V. Testing Requirements (continued)

- 1.e** Emission Limitations:
0.98 lbs OC/hr; 4.30 tons OC/yr

Applicable Compliance Methods:

The hourly emission limitation is based on the combustion of natural gas which represents a "wors-case scenario" for OC emissions and represents the potential to emit* for the emissions unit. The hourly emission limitation was established by multiplying the maximum hourly fuel burning capacity of the boiler (89,900 ft³/hour) by an emission factor of 11 lbs of TOC/million ft³ of natural gas (AP-42, Section 1.4, Natural Gas Combustion [revised 7/98]).

If required, the permittee shall demonstrate compliance with the hourly limitation in accordance with Methods 18, 25, or 25A, as appropriate, of 40 CFR Part 60, Appendix A.

Provided compliance with the hourly limitation is shown, compliance with the annual limitation shall be assumed (the annual limitation was determined by multiplying the hourly limitation by 8,760, and then dividing by 2000).

- 1.f** Emission Limitation:
The permittee shall not cause to be discharged into the atmosphere from the combustion of oil, any gases that exhibit greater than 20% opacity as a 6-minute average, except for one 6-minute period per hour of not more than 27% opacity.

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance with the visible emissions limitation in accordance with the methods specified in 40 CFR 60, Appendix A, Method 9.

- 1.g** Emission Limitation:
When firing only natural gas, visible PE shall not exceed 20% opacity as a 6-minute average, except as provided by rule.

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance with the visible emissions limitation in accordance with the methods specified in OAC 3745-17-03 (B)(1).

- 1.h** Emission Limitation:
The sulfur content of the distillate oil shall contain no more than 0.5 weight percent sulfur.

Applicable Compliance Method:

The permittee shall demonstrate compliance based on the monitoring and record keeping requirements established in section A.III of this permit.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. 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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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: K002 (K002)

Activity Description: 10"x 6" Cold Feed Pin Barrel Line #6 Tread End Cement Station (Manual)

A. State and Federally Enforceable Section

I. 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>
Manual Tread End Cementer #4	40 CFR 60.542(a)(3) (40 CFR, Part 60, Subpart BBB)	10 grams of volatile organic compounds (VOC) per tire cemented (monthly average basis)
	OAC rule 3745-31-05(D) (PTI #03-13532)	17.10 lbs of VOC/hour
	OAC rule 3745-21-09(X)	20.81 tons of VOC/rolling 12-month period (See A.I.2.a.) The requirements of this rule also include compliance with the requirements of 40 CFR, Part 60, Subpart BBB and OAC rule 3745-21-09(X). exempt, pursuant to OAC rule 3745-21-09(X)(2)(d) (See A.I.2.b.)

2. Additional Terms and Conditions

- 2.a The permittee has requested a federally enforceable emission limitation of 20.81 tons of VOC per rolling, 12-month period based on usage (gallons) and VOC content restrictions (see A.II.1 and A.II.2) for purposes of avoiding a PSD significant net emissions increase under 40 CFR 52.21(b)(23).
- 2.b Any operation subject to the federal "Standards of Performance for New Stationary Sources, 40 CFR, Part 60, Subpart BBB" is exempt from the requirements of OAC rule 3745-21-09(X).
- 2.c The VOC emission limitation of 17.10 lb/hr is based on the emissions unit's potential to emit. Therefore, no monitoring, record keeping or reporting are required to demonstrate compliance with this limitation.

II. Operational Restrictions

1. The VOC content of the tread end cement shall not exceed 5.70 pounds per gallon, as applied.
2. The maximum annual tread end cement usage for this emissions unit shall not exceed 7,300 gallons based on a rolling, 12-month summation of the monthly cement usage rates.

III. 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 of each tread end cement employed;
 - b. the VOC content of each tread end cement, in pounds per gallon, as applied;
 - c. the number of gallons of each tread end cement employed;
 - d. the VOC emission rate for each tread end cement employed, in pounds (b x c);
 - e. the total VOC emission rate for all the tread end cements employed (summation of 'd' for all tread end cements), in pounds;
 - f. the number of tires cemented;
 - g. the VOC emitted per tire cemented, in grams per tire $[(e/ f)(453.5924 \text{ grams} / 1 \text{ pound})]$;
 - h. the total number of gallons of all the tread end cements employed (summation of c for all tread end cements); and
 - i. the rolling, 12-month summation of the monthly tread end cement usage rates, in gallons, and the rolling, 12-month summation of the monthly VOC emission rates, in tons.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify the following:
 - a. all exceedances of the VOC emission limitation of 10 grams/tire cemented;
 - b. all exceedances of the tread end cement usage restriction of 7,300 gallons per rolling, 12-month period;
 - c. all exceedances of the VOC content restriction of 5.70 lbs/gallon; and
 - d. all exceedances of the rolling, 12-month VOC emission limitation of 20.81 tons.

Each report shall be submitted within 30 days after the deviation occurs.

2. Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following reporting requirements are as stringent as or more stringent than the reporting requirements contained in Permit to Install #03-13532, issued on May 15, 2001:
A.IV.1. The reporting requirements contained in the above-referenced Permit to Install are subsumed into the reporting requirements of this operating permit, so that compliance with these requirements constitutes compliance with the underlying reporting requirements in the Permit to Install.

V. Testing Requirements

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

V. Testing Requirements (continued)

- 1.a** Emission Limitation:
17.10 lbs of VOC per hour

Applicable Compliance Method:

The hourly allowable VOC emission limitation was established by multiplying the maximum hourly cement usage rate of 3 gallons per hour by the VOC content of 5.70 pounds per gallon, as applied.

If required, compliance with the hourly allowable VOC emission limitation shall be determined in accordance with the 40 CFR, Part 60, Appendix A, Methods 18, 25, or 25A, as appropriate.

- 1.b** Emission Limitation:
21.80 tons of VOC per rolling, 12-month period

Applicable Compliance Method:

Compliance shall be based upon the record keeping specified in section A.III.1. of the terms and conditions of this permit.

- 1.c** Emission Limitation:
10 grams of VOC per tire cemented (monthly average basis)

Applicable Compliance Method:

Compliance shall be based upon the record keeping requirements in section A.III.1 of the terms and conditions of this permit.

- 2.** Formulation data or USEPA Method 24 shall be used to determine the OC contents of all the coating materials employed.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. 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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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: P007 (P007)

Activity Description: Hot Feed Tread Line #1 Tread End Cement Station (Manual)

A. State and Federally Enforceable Section

I. 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>
tread end cement station (hot feed tread line 1) - manual application	OAC rule 3745-21-09(X)(2)(b)	exempt, pursuant to OAC rule 3745-21-09(X)(2)(b) (See A.I.2.a.)

2. Additional Terms and Conditions

- 2.a Any operation for which construction commenced prior to March 27, 1981 at the "Cooper Tire and Rubber Company" facility located at Lima and Western avenues, Findlay, Ohio, is exempt, unless a modification for any such operation has commenced on or after March 27, 1981.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. 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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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: P135 (P135)

Activity Description: Banbury Mixer #1 (includes mixer charge door/drop door)

A. State and Federally Enforceable Section

I. 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>
Banbury mixer 1 (#27) - rubber, carbon black (with baghouse)	OAC rule 3745-31-05 (PTI 03-7432)	1.20 lb particulate emissions (PE)/hr, 5.26 tons/yr
	OAC rule 3745-17-07(A)	1.61 lb organic compounds (OC)/hr, 7.03 tons/yr The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A).
	OAC rule 3745-17-11(B)(1)	Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule. See A.I.2.a.

2. Additional Terms and Conditions

- 2.a The particulate emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
- 2.b This emissions unit is not subject to OAC rule 3745-21-07(G)(2) based upon the decision by the Ohio Supreme Court in Ashland Chem. Co. v. Jones (2001), 92 Ohio St.3.d 234.

II. Operational Restrictions

None

III. 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 particulate 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. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.

IV. Reporting Requirements

1. The permittee shall submit semiannual written reports that (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.
2. Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following reporting requirements are as stringent as or more stringent than the reporting requirements contained in Permit to Install #03-7432, issued on August 18, 1993: A.IV.1. The reporting requirements contained in the above-referenced Permit to Install are subsumed into the reporting requirements of this operating permit, so that compliance with these requirements constitutes compliance with the underlying reporting requirements in the Permit to Install.

V. Testing Requirements

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

- 1.a Emission Limitation:
1.20 lbs PE/hr, 5.26 tons PE/yr

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance with the hourly allowable PE limitation above in accordance with 40 CFR, Part 60, Appendix A, Methods 1 through 5. [The permittee has demonstrated compliance with the limitation above based on the results of the emission testing conducted on September 17, 1995. The tested hourly PE rate was 0.17 lb PE/hr.]

The annual limitation was developed by multiplying the hourly limitation by 8760, and then dividing by 2,000. Therefore, provided compliance with the hourly PE emission limitation is maintained, compliance with the annual PE limitation shall be ensured.

V. Testing Requirements (continued)

- 1.b** Emission Limitation:
1.61 lb OC/hr, 7.03 tons OC/yr

Applicable Compliance Method:

The hourly limitation represents the potential to emit* for the emissions unit. Therefore, no monitoring and recordkeeping, reporting, or compliance method calculations are required to demonstrate compliance with this limitation.

* The potential to emit for this emissions unit is based on a maximum hourly rubber throughput of 41,583 lbs of silica mix and an emission factor of 3.86E-05 lb of OC/lb of rubber mixed (based on AP-42 Section 4.12).

If required, the permittee shall demonstrate compliance by testing in accordance with Methods 1 - 4, and 18, 25, or 25A, 40 CFR Part 60, Appendix A.

The annual limitation was developed by multiplying the hourly limitation by 8760, and then dividing by 2,000. Therefore, provided compliance with the hourly OC emission limitation is maintained, compliance with the annual OC limitation shall be ensured.

- 1.c** Emission Limitation:
Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance with the visible PE limitation pursuant to OAC rule 3745-17-03(B)(1).

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. 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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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: P136 (P136)

Activity Description: Banbury Mixer #4 and Drop Mill (includes mixer charge door/drop door)

A. State and Federally Enforceable Section

I. 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>
Banbury Mixer #4	OAC rule 3745-31-05 (A)(3) (PTI 03-13823)	See A.I.2.a. 0.15 lb of PE/hour; 0.66 ton of PE/year 10% opacity, as a six-minute average 5.26 lbs of OC/hour 33.60 tons of OC/year [for emissions units P136, P137 and P140, combined]
	OAC rule 3745-17-11 (B)(2) OAC rule 3745-17-07 (A)(1)	See A.I.2.b and c. See A.I.2.d. See A.I.2.e.

2. Additional Terms and Conditions

- 2.a Best available technology (BAT) control for this emissions unit has been determined to be the use of a baghouse control system with a 95% removal efficiency.
- 2.b The annual limitation represents the potential emissions from emission units P136, P137, and P140, combined, based on inherent physical limitations associated with the production of mixed rubber. Emission units P136, P137, and P140 (Banbury Mixers #4, #3, & #5, respectively) are used to produce mixed rubber (both regular and silica rubber) which is utilized in subsequent manufacturing processes for the production of pneumatic tires. The production of regular or silica mixed rubber involves multiple types of batch mixing operations performed sequentially. Based on the capability of a mixer to only be able to perform certain types of mixing operations, differing mixer batch capacities, and differing emission levels based on the type of mixing operation, organic emissions are physically limited to 33.60 tons per year from these three emission units, combined.
- 2.c All OCs are assumed to be volatile organic compounds (VOC).

2. Additional Terms and Conditions (continued)

- 2.d The uncontrolled mass rate of particulate emissions (PE) from this emissions unit is less than 10 pounds/hour. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Hancock County.
- 2.e This emissions unit is exempt from the visible PE limitations specified in OAC rule 3745-17-07 (A), pursuant to OAC rule 3745-17-07(A)(3)(h), because the emissions unit is not subject to the requirements of OAC rule 3745-17-11.
- 2.f This emissions unit is not subject to OAC rule 3745-21-07(G)(2) based upon the decision by the Ohio Supreme Court in Ashland Chem. Co. v. Jones (2001), 92 Ohio St.3.d 234.
- 2.g The hourly OC emission limitation for this emissions unit was established for PTI purposes and represents the emissions unit's potential to emit. Therefore, it is not necessary to establish record keeping, monitoring, and/or reporting requirements to ensure compliance with the limitation.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

- 1. The permittee shall collect and record the following information each month for emission units P136, P137 and P140, combined:
 - a. the identification of each type of mixing operation performed (i.e., master mixing, final mixing, 2nd pass silica mixing, or 3rd pass silica mixing);
 - b. the amount of rubber, in pounds, mixed for each type of mixing operation;
 - c. the calculated OC emissions from each type of mixing operation using the following equation:
$$\text{lbs OC emissions} = (\text{lbs of rubber mixed}) \times (\text{OC emission factor}^*, \text{ in lbs OC/lb rubber})$$

* OC emission factors from AP-42, Section 4.12 and as found in the PTI application # 03-13823 submitted on 5/8/02 (based on the stack testing performed by the permittee)
 - d. the total OC emissions from all the mixing operations, in pounds (summation of A.III.1.c for all types of mixing operations); and
 - e. the annual, year-to-date OC emissions from all the mixing operations (summation of A.III.1.d from January to December).
- 2. The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate 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. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.

IV. Reporting Requirements

1. The permittee shall submit semiannual written reports that (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.
2. The permittee shall submit annual reports that summarize the actual annual OC emissions for emissions units P036, P037 and P040, combined. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

V. Testing Requirements

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

- 1.a Emission Limitation:
5.26 lbs of OC/hour

Applicable Compliance Method:

The permittee shall demonstrate compliance with the hourly allowable OC emission limitation based on the results of emission testing conducted in accordance with Methods 1 - 4, and 18, 25, or 25A, 40 CFR Part 60, Appendix A.

The hourly OC emission limitation was established based on multiplying the maximum hourly rubber (silica mix) throughput (pounds/hr) by an emission factor* (lbs OC/lb of rubber mixed, based on an April 2002 stack test).

* as found in the PTI application # 03-13823 submitted on 5/8/02.

- 1.b Emission Limitation:
33.60 tons of OC/year (for emissions units P136, P137 and P140, combined)

Applicable Compliance Method:

Compliance with the annual limitation shall be based on record keeping requirements in section A.III.2 of this permit.

- 1.c Emission Limitation:
0.15 lb of PE/hour

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance by testing in accordance with Methods 1 - 5 of 40 CFR Part 60, Appendix A.

- 1.d Emission Limitation:
0.66 ton of PE/year

Applicable Compliance Method:

Provided compliance with the hourly limitation is shown, compliance with the annual limitation shall be assumed (the annual limitation was determined by multiplying the hourly limitation by 8,760, and then dividing by 2000).

- 1.e Emission Limitation:
10% opacity, as a six-minute average

Applicable Compliance Method:

If required, compliance shall be determined by visible emission evaluations performed in accordance with Method 9 of 40 CFR Part 60, Appendix A.

V. Testing Requirements (continued)

2. The permittee shall conduct, or have conducted, emission testing for emissions unit P136, P137, or P140 in accordance with the following requirements:
 - a. The emission testing shall be conducted within six months after the facility has achieved a production level involving silica mixing which would allow for three test runs (each a minimum of one hour in duration) performed in accordance with the methods specified in section A.V.2.c.
 - b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate of OC for emissions unit P136, P137, or P140.
 - c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate and verify OC emission factors: U.S. EPA Methods 1 - 4, and 18, 25, or 25A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.
 - d. The test(s) shall be conducted while the emissions unit is operating at its maximum capacity, unless otherwise specified or approved by the Ohio EPA Northwest District Office.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA Northwest District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). The notification shall indicate the specific emissions unit which will be tested as required in A.V.2.b. Accompanying the specified emissions unit should be documentation which outlines why the proposed testing is representative of worst-case mixing operations. Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA Northwest District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA Northwest District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA Northwest District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA Northwest District Office.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. 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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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: P137 (P137)

Activity Description: Banbury Mixer #3 and Drop Mill (includes mixer charge door/drop door)

A. State and Federally Enforceable Section

I. 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>
Banbury Mixer #3	OAC rule 3745-31-05 (A)(3) (PTI 03-13823)	See A.I.2.a. 0.15 lb of PE/hour; 0.66 ton of PE/year 10% opacity, as a six-minute average 5.26 lbs of OC/hour 33.60 tons of OC/year [for emissions units P136, P137 and P140, combined]
	OAC rule 3745-17-11 (B)(2) OAC rule 3745-17-07 (A)(1)	See A.I.2.b and c. See A.I.2.d. See A.I.2.e.

2. Additional Terms and Conditions

- 2.a Best available technology (BAT) control for this emissions unit has been determined to be the use of a baghouse control system with a 95% removal efficiency.
- 2.b The annual limitation represents the potential emissions from emission units P136, P137, and P140, combined, based on inherent physical limitations associated with the production of mixed rubber. Emission units P136, P137, and P140 (Banbury Mixers #4, #3, & #5, respectively) are used to produce mixed rubber (both regular and silica rubber) which is utilized in subsequent manufacturing processes for the production of pneumatic tires. The production of regular or silica mixed rubber involves multiple types of batch mixing operations performed sequentially. Based on the capability of a mixer to only be able to perform certain types of mixing operations, differing mixer batch capacities, and differing emission levels based on the type of mixing operation, organic emissions are physically limited to 33.60 tons per year from these three emission units, combined.
- 2.c All OCs are assumed to be volatile organic compounds (VOC).

2. Additional Terms and Conditions (continued)

- 2.d The uncontrolled mass rate of particulate emissions (PE) from this emissions unit is less than 10 pounds/hour. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Hancock County.
- 2.e This emissions unit is exempt from the visible PE limitations specified in OAC rule 3745-17-07 (A), pursuant to OAC rule 3745-17-07(A)(3)(h), because the emissions unit is not subject to the requirements of OAC rule 3745-17-11.
- 2.f This emissions unit is not subject to OAC rule 3745-21-07(G)(2) based upon the decision by the Ohio Supreme Court in Ashland Chem. Co. v. Jones (2001), 92 Ohio St.3.d 234.
- 2.g The hourly OC emission limitation for this emissions unit was established for PTI purposes and represents the emissions unit's potential to emit. Therefore, it is not necessary to establish record keeping, monitoring, and/or reporting requirements to ensure compliance with the limitation.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

- 1. The permittee shall collect and record the following information each month for emission units P136, P137 and P140, combined:
 - a. the identification of each type of mixing operation performed (i.e., master mixing, final mixing, 2nd pass silica mixing, or 3rd pass silica mixing);
 - b. the amount of rubber, in pounds, mixed for each type of mixing operation;
 - c. the calculated OC emissions from each type of mixing operation using the following equation:
$$\text{lbs OC emissions} = (\text{lbs of rubber mixed}) \times (\text{OC emission factor}^*, \text{ in lbs OC/lb rubber})$$

* OC emission factors from AP-42, Section 4.12 and as found in the PTI application # 03-13823 submitted on 5/8/02 (based on the stack testing performed by the permittee)
 - d. the total OC emissions from all the mixing operations, in pounds (summation of A.III.1.c for all types of mixing operations); and
 - e. the annual, year-to-date OC emissions from all the mixing operations (summation of A.III.1.d from January to December).
- 2. The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate 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. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.

IV. Reporting Requirements

1. The permittee shall submit semiannual written reports that (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.
2. The permittee shall submit annual reports that summarize the actual annual OC emissions for emissions units P036, P037 and P040, combined. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

V. Testing Requirements

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

- 1.a Emission Limitation:
5.26 lbs of OC/hour

Applicable Compliance Method:

The permittee shall demonstrate compliance with the hourly allowable OC emission limitation based on the results of emission testing conducted in accordance with Methods 1 - 4, and 18, 25, or 25A, 40 CFR Part 60, Appendix A.

The hourly OC emission limitation was established based on multiplying the maximum hourly rubber (silica mix) throughput (pounds/hr) by an emission factor* (lbs OC/lb of rubber mixed, based on an April 2002 stack test).

* as found in the PTI application # 03-13823 submitted on 5/8/02.

- 1.b Emission Limitation:
33.60 tons of OC/year (for emissions units P136, P137 and P140, combined)

Applicable Compliance Method:

Compliance with the annual limitation shall be based on record keeping requirements in section A.III.2 of this permit.

- 1.c Emission Limitation:
0.15 lb of PE/hour

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance by testing in accordance with Methods 1 - 5 of 40 CFR Part 60, Appendix A.

- 1.d Emission Limitation:
0.66 ton of PE/year

Applicable Compliance Method:

Provided compliance with the hourly limitation is shown, compliance with the annual limitation shall be assumed (the annual limitation was determined by multiplying the hourly limitation by 8,760, and then dividing by 2000).

- 1.e Emission Limitation:
10% opacity, as a six-minute average

Applicable Compliance Method:

If required, compliance shall be determined by visible emission evaluations performed in accordance with Method 9 of 40 CFR Part 60, Appendix A.

V. Testing Requirements (continued)

2. The permittee shall conduct, or have conducted, emission testing for emissions unit P136, P137, or P140 in accordance with the following requirements:
 - a. The emission testing shall be conducted within six months after the facility has achieved a production level involving silica mixing which would allow for three test runs (each a minimum of one hour in duration) performed in accordance with the methods specified in section A.V.2.c.
 - b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate of OC for emissions unit P136, P137, or P140.
 - c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate and verify OC emission factors: U.S. EPA Methods 1 - 4, and 18, 25, or 25A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.
 - d. The test(s) shall be conducted while the emissions unit is operating at its maximum capacity, unless otherwise specified or approved by the Ohio EPA Northwest District Office.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA Northwest District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). The notification shall indicate the specific emissions unit which will be tested as required in A.V.2.b. Accompanying the specified emissions unit should be documentation which outlines why the proposed testing is representative of worst-case mixing operations. Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA Northwest District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA Northwest District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA Northwest District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA Northwest District Office.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. 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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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: P140 (P140)

Activity Description: Banbury Mixer #5 and Drop Mill (includes mixer charge door/drop door)

A. State and Federally Enforceable Section

I. 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>
Banbury Mixer #5	OAC rule 3745-31-05 (A)(3) (PTI 03-13823)	See A.I.2.a. 0.15 lb of PE/hour; 0.66 ton of PE/year 10% opacity, as a six-minute average 5.26 lbs of OC/hour 33.60 tons of OC/year [for emissions units P136, P137 and P140, combined]
	OAC rule 3745-17-11 (B)(2) OAC rule 3745-17-07 (A)(1)	See A.I.2.b and c. See A.I.2.d. See A.I.2.e.

2. Additional Terms and Conditions

- 2.a Best available technology (BAT) control for this emissions unit has been determined to be the use of a baghouse control system with a 95% removal efficiency.
- 2.b The annual limitation represents the potential emissions from emission units P136, P137, and P140, combined, based on inherent physical limitations associated with the production of mixed rubber. Emission units P136, P137, and P140 (Banbury Mixers #4, #3, & #5, respectively) are used to produce mixed rubber (both regular and silica rubber) which is utilized in subsequent manufacturing processes for the production of pneumatic tires. The production of regular or silica mixed rubber involves multiple types of batch mixing operations performed sequentially. Based on the capability of a mixer to only be able to perform certain types of mixing operations, differing mixer batch capacities, and differing emission levels based on the type of mixing operation, organic emissions are physically limited to 33.60 tons per year from these three emission units, combined.
- 2.c All OCs are assumed to be volatile organic compounds (VOC).

2. Additional Terms and Conditions (continued)

- 2.d The uncontrolled mass rate of particulate emissions (PE) from this emissions unit is less than 10 pounds/hour. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Hancock County.
- 2.e This emissions unit is exempt from the visible PE limitations specified in OAC rule 3745-17-07 (A), pursuant to OAC rule 3745-17-07(A)(3)(h), because the emissions unit is not subject to the requirements of OAC rule 3745-17-11.
- 2.f This emissions unit is not subject to OAC rule 3745-21-07(G)(2) based upon the decision by the Ohio Supreme Court in Ashland Chem. Co. v. Jones (2001), 92 Ohio St.3.d 234.
- 2.g The hourly OC emission limitation for this emissions unit was established for PTI purposes and represents the emissions unit's potential to emit. Therefore, it is not necessary to establish record keeping, monitoring, and/or reporting requirements to ensure compliance with the limitation.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

- 1. The permittee shall collect and record the following information each month for emission units P136, P137 and P140, combined:
 - a. the identification of each type of mixing operation performed (i.e., master mixing, final mixing, 2nd pass silica mixing, or 3rd pass silica mixing);
 - b. the amount of rubber, in pounds, mixed for each type of mixing operation;
 - c. the calculated OC emissions from each type of mixing operation using the following equation:
$$\text{lbs OC emissions} = (\text{lbs of rubber mixed}) \times (\text{OC emission factor}^*, \text{ in lbs OC/lb rubber})$$

* OC emission factors from AP-42, Section 4.12 and as found in the PTI application # 03-13823 submitted on 5/8/02 (based on the stack testing performed by the permittee)
 - d. the total OC emissions from all the mixing operations, in pounds (summation of A.III.1.c for all types of mixing operations); and
 - e. the annual, year-to-date OC emissions from all the mixing operations (summation of A.III.1.d from January to December).
- 2. The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate 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. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.

IV. Reporting Requirements

1. The permittee shall submit semiannual written reports that (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.
2. The permittee shall submit annual reports that summarize the actual annual OC emissions for emissions units P036, P037 and P040, combined. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

V. Testing Requirements

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

- 1.a Emission Limitation:
5.26 lbs of OC/hour

Applicable Compliance Method:

The permittee shall demonstrate compliance with the hourly allowable OC emission limitation based on the results of emission testing conducted in accordance with Methods 1 - 4, and 18, 25, or 25A, 40 CFR Part 60, Appendix A.

The hourly OC emission limitation was established based on multiplying the maximum hourly rubber (silica mix) throughput (pounds/hr) by an emission factor* (lbs OC/lb of rubber mixed, based on an April 2002 stack test).

* as found in the PTI application # 03-13823 submitted on 5/8/02.

- 1.b Emission Limitation:
33.60 tons of OC/year (for emissions units P136, P137 and P140, combined)

Applicable Compliance Method:

Compliance with the annual limitation shall be based on record keeping requirements in section A.III.2 of this permit.

- 1.c Emission Limitation:
0.15 lb of PE/hour

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance by testing in accordance with Methods 1 - 5 of 40 CFR Part 60, Appendix A.

- 1.d Emission Limitation:
0.66 ton of PE/year

Applicable Compliance Method:

Provided compliance with the hourly limitation is shown, compliance with the annual limitation shall be assumed (the annual limitation was determined by multiplying the hourly limitation by 8,760, and then dividing by 2000).

- 1.e Emission Limitation:
10% opacity, as a six-minute average

Applicable Compliance Method:

If required, compliance shall be determined by visible emission evaluations performed in accordance with Method 9 of 40 CFR Part 60, Appendix A.

V. Testing Requirements (continued)

2. The permittee shall conduct, or have conducted, emission testing for emissions unit P136, P137, or P140 in accordance with the following requirements:
 - a. The emission testing shall be conducted within six months after the facility has achieved a production level involving silica mixing which would allow for three test runs (each a minimum of one hour in duration) performed in accordance with the methods specified in section A.V.2.c.
 - b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate of OC for emissions unit P136, P137, or P140.
 - c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate and verify OC emission factors: U.S. EPA Methods 1 - 4, and 18, 25, or 25A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.
 - d. The test(s) shall be conducted while the emissions unit is operating at its maximum capacity, unless otherwise specified or approved by the Ohio EPA Northwest District Office.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA Northwest District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). The notification shall indicate the specific emissions unit which will be tested as required in A.V.2.b. Accompanying the specified emissions unit should be documentation which outlines why the proposed testing is representative of worst-case mixing operations. Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA Northwest District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA Northwest District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA Northwest District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA Northwest District Office.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. 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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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: P147 (P147)
Activity Description: Twin Two Calender Line #1

A. State and Federally Enforceable Section

I. 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>
'Twin Two' calender line 1, with milling	OAC rule 3745-31-05 (PTI 03-13915)	1.42 lbs organic compounds (OC)/hr, 6.22 tons OC/yr

2. Additional Terms and Conditions

- 2.a This emissions unit is not subject to the requirements of OAC rule 3745-21-07 (G) because no liquid organic materials are employed.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

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

V. Testing Requirements (continued)

- 1.a** Emission Limitation:
1.42 lbs of OC/hour

Applicable Compliance Method:

The hourly limitation represents the potential to emit* for the emissions unit. The hourly limitation was established based on multiplying the maximum hourly rubber throughput of 5,127 lbs/hour by the following emission factors:

Milling: 1.10E-04 lb of OC/lb of rubber milled (AP-42 Section 4.12 [revised 6/99]) x 2 mills

Calendering: 5.59E-05 lb of OC/lb of rubber calendered (AP-42 Section 4.12 [revised 6/99])

If required, the permittee shall demonstrate compliance by testing in accordance with Methods 1 - 4, and 18, 25, or 25A, 40 CFR Part 60, Appendix A.

- 1.b** Emission Limitation:
6.22 tons of OC/year

Applicable Compliance Method:

Provided compliance with the hourly limitation is shown, compliance with the annual limitation shall be assumed (the annual limitation was determined by multiplying the hourly limitation by 8,760, and then dividing by 2000).

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

- 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>
'Twin Two' calender line 1, with milling	none	none

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

- Modeling to demonstrate compliance with Ohio EPA's "Air Toxics Policy" was not necessary because the emissions unit's maximum annual emissions for each toxic compound 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 pollutant that has a listed TLV to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new Permit to Install.

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: P149 (P149)
Activity Description: WSW Component Line #10

A. State and Federally Enforceable Section

I. 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>
white sidewall component line #10 (rubber milling and extrusion)	OAC rule 3745-31-05 (PTI 03-13915)	0.96 lb organic compounds (OC)/hr; 4.20 tons OC/yr

2. Additional Terms and Conditions

- 2.a This emissions unit is not subject to the requirements of OAC rule 3745-21-07 (G) because no liquid organic materials are employed.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

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

V. Testing Requirements (continued)

- 1.a** Emission Limitation:
0.96 lb of OC/hour

Applicable Compliance Method:

The hourly limitation represents the potential to emit* for the emissions unit. The hourly limitation was established based on multiplying the maximum hourly rubber throughput of 7,778 lbs/hour by the following emission factors:

Milling: 1.10E-04 lb of OC/lb of rubber milled (AP-42 Section 4.12 [6/99]) x 2 mills

Calendering: 5.59E-05 lb of OC/lb of rubber calendered (AP-42 Section 4.12 [6/99])

If required, the permittee shall demonstrate compliance by testing in accordance with Methods 1 - 4, and 18, 25, or 25A, 40 CFR Part 60, Appendix A.

- 1.b** Emission Limitation:
4.20 tons of OC/year

Applicable Compliance Method:

The annual limitation was developed by multiplying the hourly limitation by 8760, and then dividing by 2,000. Therefore, provided compliance with the hourly PE emission limitation is maintained, compliance with the annual PE limitation shall be ensured.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

- 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>
white sidewall component line #10 (rubber milling and extrusion)	none	none

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

- Modeling to demonstrate compliance with Ohio EPA's "Air Toxics Policy" was not necessary because the emissions unit's maximum annual emissions for each toxic compound 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 pollutant that has a listed TLV to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new Permit to Install.

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: P150 (P150)

Activity Description: 10"x 6" Cold Feed Pin Barrel Tread Line #6 Extruder

A. State and Federally Enforceable Section

I. 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>
10" x 6" cold feed pin barrel tread line #6 (rubber extrusion, including silica compounds)	OAC rule 3745-31-05 (PTI 03-13823)	0.61 lb organic compounds (OC)/hr; 2.67 tons OC/yr

2. Additional Terms and Conditions

- 2.a This emissions unit is not subject to the requirements of OAC rule 3745-21-07(G) because no liquid organic materials are employed.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

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

V. Testing Requirements (continued)

- 1.a** Emission Limitation:
0.61 lb of OC/hour

Applicable Compliance Method:

The hourly limitation represents the potential to emit* for the emissions unit. The hourly limitation was established based on multiplying the maximum hourly rubber throughput (lbs/hr) by an emission factor* (lbs OC/lb of rubber extruded, based on an April 2002 stack test).

If required, the permittee shall demonstrate compliance by testing in accordance with Methods 1 - 4, 18, 25, or 25A, 40 CFR Part 60, Appendix A.

* as found in the PTI application # 03-13823 submitted on 5/8/02.

- 1.b** Emission Limitation:
2.67 tons of OC/year

Applicable Compliance Method:

The annual limitation was developed by multiplying the hourly limitation by 8760, and then dividing by 2,000. Therefore, provided compliance with the hourly PE emission limitation is maintained, compliance with the annual PE limitation shall be ensured.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

- 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>
10" x 6" cold feed pin barrel tread line #6 (rubber extrusion, including silica compounds)	None	None

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

- Modeling to demonstrate compliance with Ohio EPA's "Air Toxics Policy" was not necessary because the emissions unit's maximum annual emissions for each toxic compound 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 pollutant that has a listed TLV to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new Permit to Install.

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: R012 (R012)
Activity Description: Tread Marking

A. State and Federally Enforceable Section

I. 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>
tread marking operation	OAC rule 3745-31-05 (PTI 03-11017)	2.46 lbs organic compounds (OC)/hr, 5.16 tons OC/yr, based upon a rolling, 12-month summation of the monthly OC emission rates 6.01 lbs OC per gallon of ink 6.76 lbs OC per gallon of thinner The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G).
	OAC rule 3745-21-07(G)	none (See A.II.1.)

2. Additional Terms and Conditions

- 2.a The OC emission limitation of 2.46 lbs/hr was established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping, monitoring and/or reporting requirements to ensure compliance with this limit.

II. Operational Restrictions

1. The permittee shall not employ any coating or cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each month for this emissions unit:
 - a. The company identification for each ink and thinner employed.
 - b. The number of gallons of each ink and thinner employed.
 - c. The organic compound content of each ink and thinner employed, in pounds per gallon.
 - d. The total OC emission rate for all the inks and thinners employed, in pounds [i.e., summation (b x c) for all inks and all thinners).
 - e. The rolling, 12-month summation of the monthly OC emissions, in tons.
 - f. Documentation on whether or not each ink and thinner employed is a photochemically reactive material.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all exceedances of the ink and thinner OC content restrictions of 6.01 and 6.76 lbs/gallon, respectively, and the rolling, 12-month OC emission limitation of 5.16 tons. Each report shall be submitted within 30 days after the deviation occurs.
2. The permittee shall submit annual reports that summarize the annual OC emissions from this emissions unit. The reports shall be submitted by January 31 of each year and shall cover the previous calendar year.
3. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any daily record showing the use of any photochemically reactive ink and/or thinner in this emissions unit. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 45 days after the event occurs.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of these terms and conditions shall be determined in accordance with the following methods:
 - 1.a Emission Limitation:
2.46 lbs OC /hr

Applicable Compliance Method:
The permittee may determine compliance with the hourly allowable OC emission limitation by multiplying the maximum ink/thinner usage rate (gallons/hr) for tread stripping and block lettering by the maximum OC content of all the inks/thinners (lbs/gallon).

If required, the permittee shall demonstrate compliance with the allowable hourly OC emission limitation in accordance with Methods 18, 25, or 25A, as appropriate, of 40 CFR, Part 60, Appendix A.
 - 1.b Emission Limitations:
5.16 tons OC/yr
6.01 lbs OC per gallon of ink
6.76 lbs OC per gallon of thinner

Applicable Compliance Method:
The permittee shall demonstrate compliance with the annual allowable OC emission limitation and the OC content restrictions for inks and thinners through the record keeping requirements established in Section A.III.1 of this permit.
2. Formulation data or USEPA Method 24 shall be used to determine the OC contents of all the coating materials employed.

Facility Name: **The Cooper Tire & Rubber Company**
Facility ID: **03-32-01-0003**
Emissions Unit: **R012 (R012)**

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. 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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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Z002 (Z002)
Activity Description: Tire Inspection and Repair Station #1

A. State and Federally Enforceable Section

I. 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>
tire inspection and repair station #1	OAC rule 3745-21-07(G)	none (See A.1.2.a.)

2. Additional Terms and Conditions

- 2.a This facility is not located in a "Priority I" county (it is located in Hancock County) as indicated in paragraph (A) of OAC rule 3745-21-06, and is not a "new source." Therefore, pursuant to OAC rule 3745-21-07(A), it is exempt from the requirements of OAC rule 3745-21-07(G).

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. 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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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Z003 (Z003)
Activity Description: Tire Inspection and Repair Station #2

A. State and Federally Enforceable Section

I. 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>
tire inspection and repair station #2	OAC rule 3745-21-07(G)	none (See A.1.2.a.)

2. Additional Terms and Conditions

- 2.a This facility is not located in a "Priority I" county (it is located in Hancock County) as indicated in paragraph (A) of OAC rule 3745-21-06, and is not a "new source." Therefore, pursuant to OAC rule 3745-21-07(A), it is exempt from the requirements of OAC rule 3745-21-07(G).

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. 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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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Z084 (Z084)
Activity Description: Z Calender (Including the Z Calender and 4 Mills)

A. State and Federally Enforceable Section

I. 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>
'Z' calender, with 4 mills	OAC rule 3745-21-09(X)(2)(b)	exempt, pursuant to OAC rule 3745-21-09(X)(2)(b) (See A.I.2.a.)

2. Additional Terms and Conditions

- 2.a Any operation for which construction commenced prior to March 27, 1981 at the "Cooper Tire and Rubber Company" facility located at Lima and Western avenues, Findlay, Ohio, is exempt, unless a modification for any such operation has commenced on or after March 27, 1981.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. 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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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

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