



State of Ohio Environmental Protection Agency

**RE: FINAL PERMIT TO INSTALL MODIFICATION
HANCOCK COUNTY**

CERTIFIED MAIL

Street Address:

Lazarus Gov. Center TELE: (614) 644-3020 FAX: (614) 644-2329

Mailing Address:

Lazarus Gov.
Center

Application No: 03-07462

DATE: 9/9/2003

Cooper Tire and Rubber Co
Tabetha Daum
701 Lima Ave
Findlay, OH 45840

Enclosed Please find a modification to the Ohio EPA Permit To Install referenced above which will modify the terms and conditions.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Review Appeals Commission pursuant to Chapter 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 within thirty (30) days after the notice of the Directors 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. 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

Sincerely,

Michael W. Ahern, Supervisor
Field Operations and Permit Section
Division of Air Pollution Control

CC: USEPA

NWDO



**Permit To Install
Terms and Conditions**

**Issue Date: 9/9/2003
Effective Date: 9/9/2003**

FINAL ADMINISTRATIVE MODIFICATION OF PERMIT TO INSTALL 03-07462

Application Number: 03-07462
APS Premise Number: 0332010003
Permit Fee: **\$400**
Name of Facility: Cooper Tire and Rubber Co
Person to Contact: Tabetha Daum
Address: 701 Lima Ave
Findlay, OH 45840

Location of proposed air contaminant source(s) [emissions unit(s)]:
**701 Lima Avenue
Findlay, Ohio**

Description of proposed emissions unit(s):
Natural Gas and Distillate Fuel-Fired Boiler (Modification to De-Rate the Existing 168.1 mmBTU/hour Boiler to 89.9 mmBTU/hour).

The above named entity is hereby granted a modification to the permit to install described above pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this modification does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described source(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans included in the application, the above described source(s) of pollutants will be granted the necessary operating permits.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director

Part I - GENERAL TERMS AND CONDITIONS

A. State and Federally Enforceable Permit To Install General Terms and Conditions

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, 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.
- 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, 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.
- c. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall submit required reports in the following manner:
 - i. Reports of any required monitoring and/or record keeping of federally enforceable information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
 - ii. Quarterly written reports of (i) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, excluding deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06, 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 taken, shall be made to the appropriate Ohio EPA District Office or local air agency. The written 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. See B.9 below if no deviations occurred during the quarter.

- iii. Written reports, which identify any deviations from the federally enforceable monitoring, record keeping, and reporting requirements contained in this permit shall be submitted to the appropriate Ohio EPA District Office or local air agency every six months, i.e., by January 31 and July 31 of each year for the previous six calendar months. If no deviations occurred during a six-month period, the permittee shall submit a semi-annual report, which states that no deviations occurred during that period.
- 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 are true, accurate, and complete.

2. 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, i.e., upset, 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. (The definition of an upset condition shall be the same as that used in OAC rule 3745-15-06(B)(1) for a malfunction.) The verbal and written reports shall be submitted pursuant to 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 emission unit(s) that is (are) served by such control system(s).

3. Risk Management Plans

If the permittee is required to 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"), the permittee shall comply with the requirement to register such a plan.

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.

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

Cooper Tire and Rubber Co
PTI Application: 03-07462
Modification Issued: 9/9/2003

Facility ID: 0332010003

declared invalid.

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. 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.

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. The permittee shall pay all applicable Permit To Install fees within 30 days after the issuance of this Permit To Install.

8. 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.

9. Compliance Requirements

- a. Any document (including reports) required to be submitted and required by a federally applicable requirement in this 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 ORC section 3704.08.
 - 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.

Cooper Tire and Rubber Co
PTI Application: 03-07462
Modification Issued: 9/9/2003

Facility ID: 0332010003

10. Permit To Operate Application

- a. If the permittee is required to apply for a Title V permit pursuant to OAC Chapter 3745-77, the permittee shall submit a complete Title V permit application or a complete Title V permit modification application within twelve (12) months after commencing operation of the emissions units covered by this permit. However, if the proposed new or modified source(s) would be prohibited by the terms and conditions of an existing Title V permit, a Title V permit modification must be obtained before the operation of such new or modified source(s) pursuant to OAC rule 3745-77-04(D) and OAC rule 3745-77-08(C)(3)(d).
- b. If the permittee is required to apply for permit(s) pursuant to OAC Chapter 3745-35, the source(s) identified in this Permit To Install is (are) permitted to operate for a period of up to one year from the date the source(s) commenced operation. Permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within ninety (90) days after commencing operation of the source(s) covered by this permit.

11. Best Available Technology

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

12. 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.

Cooper Tire and Rubber Co
PTI Application: 03-07462
Modification Issued: 9/9/2003

Facility ID: 0332010003

B. State Only Enforceable Permit To Install General Terms and Conditions

1. Compliance Requirements

The emissions unit(s) identified in this Permit to Install shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.

2. Reporting Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or record keeping of state-only enforceable 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 (a) any deviations (excursions) from state-only required 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, (b) the probable cause of such deviations, and (c) 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. 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.)

3. 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.

4. Termination of Permit To Install

This permit to install shall terminate within eighteen months of the effective date of the permit to install if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete

Cooper Tire and Rubber Co
PTI Application: 03-07462
Modification Issued: 9/9/2003

Facility ID: 0332010003

within a reasonable time a continuing program of installation or modification. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

5. Construction of New Sources(s)

The proposed emissions unit(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources cannot meet the requirements of this permit or cannot meet applicable standards.

If the construction of the proposed emissions unit(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet the requirements of this permit or cannot meet applicable standards.

6. Public Disclosure

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC rule 3745-49-03.

7. Applicability

Cooper Tire and Rubber Co
PTI Application: 03-07462
Modification Issued: 9/9/2003

Facility ID: 0332010003

This Permit To Install is applicable only to the emissions unit(s) identified in the Permit To Install. Separate Permit To Install for the installation or modification of any other emissions unit(s) are required for any emissions unit for which a Permit To Install is required.

8. Construction Compliance Certification

The applicant shall provide Ohio EPA with a written certification (see enclosed form) that the facility has been constructed in accordance with the Permit To Install application and the terms and conditions of the Permit to Install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

9. 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 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.

C. Permit To Install Summary of Allowable Emissions

The following information summarizes the total allowable emissions, by pollutant, based on the individual allowable emissions of each air contaminant source identified in this permit.

SUMMARY (for informational purposes only)
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons Per Year</u>
SO ₂	199.68
NO _x	61.80
CO	33.07
PE	5.61
OC	4.30

Cooper Tire and Rubber Co
PTI Application: 03-07462
Modification Issued: 9/9/2003

Facility ID: 0332010003

Part II - FACILITY SPECIFIC TERMS AND CONDITIONS

A. State and Federally Enforceable Permit To Install Facility Specific Terms and Conditions

None

B. State Only Enforceable Permit To Install Facility Specific Terms and Conditions

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(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 specified in narrative form following the table.

Operations, Property, and/or Equipment	<u>Applicable Rules/Requirements</u>	OAC rule 3745-18-06(D) OAC rule 3745-17-10(B)(1)
B006 - boiler - 89.9 mmBtu/hr - natural gas & no. 2 fuel oil (modification to PTI #03-7642 issued on 09/28/94 and modified on 10/05/02) modification to physically and permanently derate the maximum capacity of the boiler from a heat input of 168 to 89.9 mmBtu/hr and to revise the terms and conditions of the previously issued PTI	OAC rule 3745-31-05 (A)(3)	OAC rule 3745-21-07(B)
		OAC rule 3745-21-08(B)
		OAC rule 3745-23-06(B)
	40 CFR Part 60 Subpart Dc	
		OAC rule 3745-17-07(A)(1)

Applicable Emissions Limitations/Control Measures	see A.I.2.d
45.59 lbs sulfur dioxide (SO ₂)/hr; 199.68 tons SO ₂ /year	see A.I.2.d
14.11 lbs nitrogen oxide (NO _x)/hr; 61.80 tons NO _x /yr	see A.I.2.e
7.55 lbs carbon monoxide (CO)/hr; 33.07 tons CO/yr	see A.I.2.e
1.28 lbs particulate emissions (PE)/hr; 5.61 tons PE/yr	see A.I.2.e
0.98 lb organic compound (OC)/hr; 4.30 tons OC/year	
control requirements (see A.I.2.a)	
see A.I.2.b	
opacity standards (see A.I.2.c)	
fuel oil content restriction (see A.II.2)	
record keeping & reporting (see A.III.2 &3 and A.IV.2 &3)	
When firing only natural gas, visible PE shall not exceed 20% opacity as a 6-minute average, except as provided by rule	

Modification Issued: 9/9/2003

2. Additional Terms and Conditions

- 2.a** Best available technology (BAT) control requirements for this emissions unit has been determined to be 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. The requirements of this rule also include compliance with the requirements of 40 CFR 60.42c(d) and 40 CFR 60.43c(c) & (d) when combusting only 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. [40 CFR 60.43c(c)]
- The opacity standards apply at all times, except during periods of startup, shutdown, or malfunction. [40 CFR 60.43c(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 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 OAC rule 3745-21-07(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 this permit to install.

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 combust only natural gas and/or distillate fuel oil in this emissions unit.

Cooper Tire and Rubber Co

PTI Application: 03 07462

Modif

Facility ID: 0332010003

Emissions Unit ID: B006

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) &(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. The permittee shall use records of fuel supplier certification to demonstrate compliance 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)]

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(g)]

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 certification required in section A.III.2.
 - iii. A certified statement signed by the permittee that the records of fuel supplier certification 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) & (j)]

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

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:
 - a. Emission Limitations
45.59 lbs SO₂/hr; 199.68 tons SO₂/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 SO₂ emissions. The hourly emission limitation was established by multiplying the maximum capacity of the boiler (89.9 mmBtu/hr), the heat content of no.2 fuel oil (140,000 Btu/gallon), a maximum sulfur content of 0.5% wt, and an emission factor of (142 lbs SO₂ x wt% sulfur)/1000 gallons of fuel oil (AP-42 Section

Modification Issued: 9/9/2003

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

The annual emission limitation is based on the hourly limitation multiplied by a maximum operating schedule of 8,760 hrs/yr. Therefore, provided compliance is shown with the hourly limitation, compliance with the annual limitation will be assumed.

- b. Emission Limitations
14.11 lbs of NO_x/hour; 61.80 tons of NO_x/year

Applicable Compliance Methods

The hourly and annual emission limitations are based on the combustion of no.2 fuel oil which represents a "worst case scenario" for NO_x emissions and represents the potential to emit* of the emissions unit. Therefore, no monitoring and record keeping, reporting, or compliance method calculations are required to demonstrate compliance with these limitations. If required, the permittee shall demonstrate compliance with the hourly emission limitation in accordance with the test methods and procedures in Methods 1-4 and 7 of 40 CFR Part 60, Appendix A.

* The hourly potential to emit for this emissions unit is based on the maximum capacity of the boiler (89.9 mmBTU/hour) and an emission factor of 0.1570 lb of NO_x/mmBTU (based on 2001 stack test while firing #2 fuel oil). The annual potential to emit is based on the hourly potential to emit and a maximum operating schedule of 8,760 hrs/yr.

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

Applicable Compliance Methods

The hourly and annual limitations are based on the combustion of natural gas which represents a "worst case scenario" for CO emissions and represents the potential to emit* of the emissions unit. Therefore, no monitoring and record keeping, reporting, or compliance method calculations are required to demonstrate compliance with these limitations. If required, the permittee shall demonstrate compliance with the hourly limitation in accordance with the test methods and procedures in Methods 1-4 and 10 of 40 CFR Part 60, Appendix A.

* The potential to emit for this emissions unit is based on a maximum hourly fuel burning capacity of the boiler (89,900 ft³/hour) and an emission factor of 84 lbs of CO/mmft³ of

Emissions Unit ID: B006

natural gas (AP-42 Section 1.4, Natural Gas Combustion [7/98]). The annual potential to emit is based on the hourly potential to emit and a maximum operating schedule of 8,760 hrs/yr.

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

Applicable Compliance Methods

The hourly and annual emission limitations are based on the combustion of no.2 fuel oil which represents a "worst case scenario" for PE and represents the potential to emit* of the emissions unit. Therefore, no monitoring and record keeping, reporting, or compliance method calculations are required to demonstrate compliance with these limitations. If required, the permittee shall demonstrate compliance with the hourly limitation in accordance with the test methods and procedures in Methods 1-5 of 40 CFR Part 60, Appendix A.

* The potential to emit for this emissions unit is based on the maximum capacity of the boiler (89.9 mmBTU/hour), the heat content of #2 fuel (140,000 BTU/gallon), and an emission factor of 2 lbs PE/1000 gallons of fuel oil (AP-42 Section 1.3, Fuel Oil Combustion [9/98]). The annual potential to emit is based on the hourly potential to emit and a maximum operating schedule of 8,760 hrs/yr.

- e. Emission Limitations
0.98 lb OC/hr; 4.30 tons OC/yr

Applicable Compliance Methods

The hourly and annual limitations are based on the combustion of natural gas which represents a "worst case scenario" for OC emissions and represents the potential to emit* of the emissions unit. Therefore, no monitoring and record keeping, reporting, or compliance method calculations are required to demonstrate compliance with these limitations. If required, the permittee shall demonstrate compliance with the hourly limitation in accordance with the test methods and procedures in Methods 1-4 and 18, 25, or 25a of 40 CFR Part 60, Appendix A.

* The potential to emit for this emissions unit is based on a maximum hourly fuel burning capacity of the boiler (89,900 ft³/hour) and an emission factor of 11 lbs of TOC/mmft³ of natural gas (AP-42 Section 1.4, Natural Gas Combustion [7/98]). The annual potential to emit is based on the hourly potential to emit and a maximum operating schedule of 8,760 hrs/yr.

- 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.

Cooper Tire and Rubber Co
PTI Application: 03-07462
Modif

Facility ID: 0332010003

Emissions Unit ID: B006

Applicable Compliance Method

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

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).

h. Emission Limitation

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.

Applicable Compliance Method

The permittee shall demonstrate compliance by the monitoring and record keeping required in section A.III.2.

VI. Miscellaneous Requirements

1. The terms and conditions of this permit to install shall supersede the terms and conditions of permit to install number 03-07462 issued September 28, 1994 and modified on September 5, 2002.
2. 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.

Cooper Tire and Rubber Co
 PTI Application: 03-07462
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Facility ID: 0332010003

Emissions Unit ID: B006

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(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 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>
B006 - boiler - 89.9 mmBtu/hr - natural gas & no. 2 fuel oil (modification to PTI #03-7642 issued on 09/28/94 and modified on 10/05/02) modification to physically and permanently derate the maximum capacity of the boiler from a heat input of 168 to 89.9 mmBtu/hr and to revise the terms and conditions of the previously issued PTI	See B.VI	See B.VI

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Record keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

1. Modeling to demonstrate compliance with the Ohio EPA's "Air Toxic 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.