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Facility Name: **Bridgestone/Firestone, Inc.**

Application Number: **16-1860**

Date: **January 21, 1999**

GENERAL PERMIT CONDITIONS

TERMINATION OF PERMIT TO INSTALL

Substantial construction for installation must take place within 18 months of the effective date of this permit. 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.

NOTICE OF INSPECTION

The Director of the Ohio Environmental Protection Agency, or his authorized representatives, may enter upon the premises of the above-named applicant during construction and operation at any reasonable time for the purpose of making inspections, conducting tests, or to examine records or reports pertaining to the construction, modification or installation of the source(s) of environmental pollutants identified within this permit.

CONSTRUCTION OF NEW SOURCES

The proposed source(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 are inadequate or cannot meet applicable standards.

If the construction of the proposed source(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 Ohio Administrative Code (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

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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 applicable standards.

PERMIT TO INSTALL FEE

In accordance with Ohio Revised Code 3745.11, the specified Permit to Install fee must be remitted within 30 days of the effective date of this permit to install.

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.

APPLICABILITY

This Permit to Install is applicable only to the contaminant sources identified. Separate application must be made to the Director for the installation or modification of any other contaminant sources.

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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.

PERMIT TO OPERATE APPLICATION

A Permit to Operate application must be submitted to the appropriate field office for each air contaminant source in this Permit to Install. In accordance with OAC Rule 3745-35-02, the application shall be filed no later than thirty days after commencement of operation.

SOURCE OPERATION AFTER COMPLETION OF CONSTRUCTION

This facility is permitted to operate each source described by this permit to install for a period of up to one year from the date the source commenced operation. This permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws and regulations.

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<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
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AIR EMISSION SUMMARY

The air contaminant emissions units listed below comprise the Permit to Install for **Bridgestone/Firestone, Inc.** located in **Summit** County. The emissions units listed below shall not exceed the emission limits/control requirements contained in the table. This condition in no way limits the applicability of any other state or federal regulations. Additionally, this condition does not limit the applicability of additional special terms and conditions of this permit.

<u>Ohio EPA Source Number</u>	<u>Source Identification Description</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
P125	Model 72-A radial tire lubricating machine	Baffled settling chamber with disposable filter panels at exit	3745-31-05	0.14 pound of particulate matter (PM) per hour; 0.60 ton per year.
			3745-17-07 (A)	See Additional Special Terms and Conditions A.1 and A.2 below
			3745-17-11	See Additional Special Term and Condition A.3 below

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SUMMARY
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
Particulate Matter (PM)	0.60

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RECORD(S) RETENTION AND AVAILABILITY

All records required by this Permit to Install shall be retained on file for a period of not less than three years unless otherwise indicated by Ohio Environmental Protection Agency. All records shall be made available to the Director, or any representative of the Director, for review during normal business hours.

WASTE DISPOSAL

The owner/operator shall comply with any applicable state and federal requirements governing the storage, treatment, transport and disposal of any waste material generated by the operation of the sources.

MAINTENANCE OF EQUIPMENT

This source and its associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices and the recommendations of the respective manufacturers in order to minimize air contaminant emissions.

MALFUNCTION/ABATEMENT

In accordance with OAC RULE 3745-15-06, any malfunction of the source(s) or associated air pollution control system(s) shall be reported immediately to the **Akron Regional Air Quality Management District, 146 South High Street, Room 904, Akron, Ohio 44308.**

Except as provided by OAC Rule 3745-15-06(A)(3), scheduled maintenance of air pollution control equipment that requires the shutdown or bypassing of air pollution control system(s) must be accompanied by the shutdown of the associated air pollution sources.

AIR POLLUTION NUISANCES PROHIBITED

The air contaminant source(s) identified in this permit may not cause a public nuisance in violation of OAC Rule 3745-15-07.

ADDITIONAL SPECIAL TERMS AND CONDITIONS

A. Additional Terms and Conditions

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1. Except as otherwise specified in A.2 below, visible particulate emissions from the stack shall not exceed twenty per cent opacity, as a six-minute average.
2. Visible particulate emissions from the stack may exceed twenty per cent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty percent opacity, as a six-minute average, at any time.
3. The limit based on this rule is less stringent than the limit specified above.

B. Operational Restrictions

1. No person shall cause or permit this emissions unit to be operated without taking or installing reasonably available control measures to prevent lubricant overspray from becoming airborne. Such reasonably available control measures shall include, but not be limited to, one or more of the following which are appropriate to minimize or eliminate visible particulate emissions of lubricant overspray:
 - a. The installation and use of hoods, fans, and other equipment to adequately enclose, contain, capture, vent and control the lubricant overspray. Such equipment shall meet the following requirements: the collection efficiency is sufficient to minimize or eliminate visible particulate emissions of lubricant overspray at the point(s) of capture to the extent possible with good engineering design.
2. Particulate emissions from the tire doper shall be controlled by means of a settling chamber, which has a capture efficiency of 95%, and a control efficiency of 95%, resulting in an overall control efficiency 90%.

C. Monitoring and/or RecordKeeping Requirements

1. This facility shall maintain monthly records which document the total monthly amount of lubricant used and the total number of tires sprayed. These records shall be retained in the company's files for a period of not

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less than three years and shall be made available to the Director, or any authorized representative of the Director, for review during normal business hours.

D. Reporting Requirements

1. None.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Emissions Summary of this permit shall be determined in accordance with the following method(s):

- a. Emission Limitation

0.14 pound of particulate matter (PM) per hour and 0.60 ton of PM per year

Applicable Compliance Method

The 0.14 pound/hour emissions limitation was provided by the permittee. It was developed by multiplying the amount of lubrex lubricant applied per green tire, 2.4375 ounces, by the number of tires sprayed per hour, 180, times the amount of overspray, 10%, times the amount of overspray that is not controlled by the settling chamber, (1-0.95), and dividing by the conversion factor of 16 ounces per pound. The 0.60 ton/year limitation was developed by multiplying the hourly emission rate limitation by the maximum annual operating schedule of 8,760 hours/year and dividing by the conversion factor of 2000 pounds per ton. Therefore compliance shall be based upon the 12-month summation of the number of operating hours times the 0.14 lb/hr emissions limitation, divided by 2,000 lbs/ton.

2. Ohio EPA reserves the right to require demonstration of compliance with the emission limitation(s) in Section A.1. of these terms and conditions in accordance with the following methods(s): 40 CFR Part 60 Appendix A, Reference Method 9.

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F. Miscellaneous Requirements

1. The permittee shall comply with any applicable State and federal requirements governing the storage, treatment, transport, and disposal of any waste material generated by the operation of the emissions unit.
2. The permittee is hereby notified that this permit, and all agency records concerning the operation of this permitted emissions unit are subject to public disclosure in accordance with OAC rule 3745-49-03.