

Facility ID: 0278000013 Issuance type: Title V Proposed Permit

This version of facility specific terms and conditions was converted from a database format to an HTML file during an upgrade of the Ohio EPA, Division of Air Pollution Control's permitting software. Every attempt has been made to convert the terms and conditions to look and substantively conform to the permit issued or being drafted in STARS. However, the format of the terms may vary slightly from the original. In addition, although it is not expected, there is a slight possibility that a term and condition may have been inadvertently "left out" of this reproduction during the conversion process. Therefore, if this version is to be used as a starting point in drafting a new version of a permit, it is imperative that the entire set of terms and conditions be reviewed to ensure they substantively mimic the issued permit. The official version of any permit issued final by Ohio EPA is kept in the Agency's Legal section. The Legal section may be contacted at (614) 644-3037.

In addition to the terms and conditions, hyperlinks have been inserted into the document so you may more readily access the section of the document you wish to review.

Finally, the term language under "Part III" and before "I. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

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Part II - Specific Facility Terms and Conditions

a State and Federally Enforceable Section

1. None

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b State Only Enforceable Section

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

- K001 - Green Tire Coating - Sickle Lube
- P003 - White Sidewall Buffer
- P002 - # 9 Banbury
- P010 - Manual Tread End Cement
- T001 - 10,000-gallon Solvent Tank
- T002 - 25,000-gallon Oil Tank
- T003 - 25,000-gallon Oil Tank
- Z001 - Tire Curing Operations
- Z002 - Calendering Operations
- Z003 - Cement Room Adhesive Manufacturing

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.

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- [Go to Part III for Emissions Unit B003](#)
- [Go to Part III for Emissions Unit B004](#)
- [Go to Part III for Emissions Unit K002](#)
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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0278000013 Emissions Unit ID: B001 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

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>
Coal Fired Boiler Springfield Boiler (B001)	OAC rule 3745-17-07 40 CFR 52.1870(c)(65)	See Section A.I.2.a.
	OAC rule 3745-17-10	0.28 lb Particulate Emission (PE) per mmBtu actual heat input
	OAC rule 3745-18-84-(B)	5.0 lbs Sulfur Dioxide (SO2) per mmBtu actual heat input

2. Additional Terms and Conditions

- a. Pursuant to the provisions of OAC rule 3745-17-07(C), the permittee is hereby granted the following equivalent visible particulate emission limitation for this emission unit in lieu of the 20 percent opacity limitation specified in OAC rule 3745-17-07(A)(1)(a).

- (a) Except as otherwise provided in OAC rule 3745-17-07(A)(1)(b) through (A)(3), the permittee shall not cause or allow the discharge into the ambient air from any stack associated with this emissions unit any air contaminant of a shade or density greater than 35 percent opacity, as a 6-minute block average.

Per OAC rule 3745-17-07(A)(3), this emissions unit is exempt from the above opacity limitation for a period of not more than three hours from the moment of start-up; for a period of not more than three hours during shut down; during intermittent soot-blowing and ash removal operations, providing a daily record documenting the date, the beginning and ending times for all intermittent soot blowing and ash removal operations is maintained; and for a period not to exceed thirty minutes for the commencement of increased coal firing from a banked condition.

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II. Operational Restrictions

1. The quality of the coal burned in this emissions unit shall meet the following specifications on an as received wet basis:
 - a. Less than 12 percent ash by weight.
 - b. A sulfur content which is sufficient to comply with the allowable sulfur dioxide emission limitation of 5.0 pounds sulfur dioxide/mmBtu actual heat input.
 - c. Greater than 12000 Btu/pound of coal.

Compliance with the above-mentioned specifications shall be determined by using the analytical results

provided by the coal supplier for each shipment of coal.

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect or require the coal supplier to collect a representative grab sample of each shipment of coal that is received for burning in this emissions unit. The permittee shall perform or require the supplier to perform the coal sampling in accordance with ASTM method D2234, Collection of a Gross Sample of Coal and analyze the coal sample for ash content (percent), sulfur content (percent), and heat content (Btu/pound of coal). The analytical methods for ash content, sulfur content, and heat content shall be: ASTM method D3174, Ash in the Analysis of Coal and Coke; ASTM method D3177, Total Sulfur in the Analysis Sample of Coal and Coke or ASTM method D4239, Sulfur in the Analysis Sample of Coal and Coke Using High Temperature Tube Furnace Combustion Methods; and ASTM method D2015, Gross Calorific Value of Solid Fuel by the Adiabatic Bomb Calorimeter, ASTM method D3286, Gross Calorific Value of Coal and Coke by the Isothermal Bomb Calorimeter, or ASTM method D1989, Standard Test Method for Gross Calorific Value of Coal and Coke by Microprocessor Controlled Isothermal Bomb Calorimeters, respectively. Alternative, equivalent methods may be used upon written approval by the appropriate Ohio EPA District Office or local air agency.
2. For each shipment of coal received for burning in this emissions unit, the permittee shall maintain records of the total quantity of coal received and the permittee's or coal supplier's analyses for ash content, sulfur content, and heat content.
3. The permittee shall perform daily 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 any abnormal visible emissions.

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IV. Reporting Requirements

1. The permittee shall submit, on a quarterly basis, copies of the permittee's or coal supplier's analyses (wet) for each shipment of coal which is received for burning in this emissions unit. The permittee or coal supplier's analyses shall document the ash content (percent), sulfur content (percent), and heat content (Btu/pound) of each shipment of coal. The following information shall also be included with the copies of the permittee's or coal supplier's analyses:
 - a. the total quantity of coal received in each shipment (tons);
 - b. the weighted* average ash content (percent) of the coal received during each calendar month;
 - c. the weighted* average sulfur content (percent) of the coal received during each calendar month;
 - d. the weighted* average heat content (Btu/pound) of the coal received during each calendar month; and
 - e. the weighted* average sulfur dioxide emissions rate (pounds sulfur dioxide/mmBtu actual heat input) from the coal received each calendar month.

*In proportion to the quantity of coal received in each shipment during the calendar month.

These quarterly reports shall be submitted by February 15, May 15, August 15, and November 15 of each year and shall cover the coal shipments received during the previous calendar quarters.
2. The permittee shall submit semiannual written reports which (a) identify all days during which any abnormal visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the abnormal 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.

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V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

Emission Limitation -
Visible particulate emissions not to exceed 35 % opacity as a 6-minute average.

Applicable Compliance Method -
OAC rule 3745-17-03(B)(1).
2. Emission Limitation -

5.0 lbs Sulfur Dioxide (SO2) per MMBtu actual heat input

Applicable Compliance Method -
Compliance shall be determined by using the fuel analysis records required pursuant to Section A.III.1. and the applicable equation in OAC rule 3745-18-04(F).

3. Emission Limitation -
0.28 lbs Particulate Emission (PE) per mmBtu actual heat input

Applicable Compliance Method -
The permittee shall conduct, or have conducted, particulate emission testing for this emissions unit to demonstrate compliance with the allowable mass emission rate of 0.28 lb/mmBtu actual heat input in accordance with the following requirements:

The particulate emission testing shall be conducted twice during the term of this permit. Once between years 2 and 3, and once during the last year of the permit.

Compliance with the allowable mass emission rate for particulates shall be determined in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5 and the procedures in OAC rule 3745-17-03(B)(9).

The test(s) shall be conducted while the emissions unit is operating at its maximum capacity.

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 Northeast 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). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA Northeast District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA 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.

4. If required, the permittee shall conduct, or have conducted, sulfur dioxide emission testing for this emissions unit to demonstrate compliance with the allowable mass emission rate of 5.0 lbs/MMbtu actual heat input in accordance with the following requirements:

Compliance with the allowable mass emission rate for sulfur dioxide shall be determined in accordance with 40 CFR Part 60, Appendix A, Method 6 and the procedures in OAC rule 3745-18-04(D).

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0278000013 Emissions Unit ID: B001 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

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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Coal Fired Boiler Springfield Boiler (B001)		
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2. **Additional Terms and Conditions**

1. None

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II. Operational Restrictions

- 1. None

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III. Monitoring and/or Record Keeping Requirements

- 1. None

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IV. Reporting Requirements

- 1. None

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V. Testing Requirements

- 1. None

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VI. Miscellaneous Requirements

- 1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0278000013 Emissions Unit ID: B003 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

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>
Natural Gas Fired Boiler Cleaver Brooks Boiler #1	OAC rule 3745-17-10	0.020 lb Particulate Emission (PE) per MMBtu heat input
	OAC rule 3745-17-07	20% opacity as a six-minute average, except as provided by rule

2. Additional Terms and Conditions

- (a) None

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II. Operational Restrictions

- 1. The permittee shall combust only natural gas in this emissions unit.

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

1. For each day during which the permittee burns a fuel other than natural gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

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IV. **Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

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V. **Testing Requirements**

1. Compliance with the emission limitation(s) in Section A.I. and the operating restrictions in Section II of these terms and conditions shall be determined in accordance with the following method(s):

Emission Limitation -
0.020 lb Particulate Emission (PE) per MMBtu of heat input

Applicable Compliance Method -
Multiply the particulate emissions factor of 1.9 pounds of particulate emissions per million cubic feet of natural gas combusted by the inverse of the heat content of the natural gas, in Btu per cubic foot, as supplied by the gas supplier. (The emission factor is from AP - 42, Table 1.4 -1.)
2. Emission Limitation -
20% opacity as a six-minute average, except as provided by rule

Applicable Compliance Method -
OAC rule 3745-17-03(B)(1), if requested.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0278000013 Emissions Unit ID: B003 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

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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Natural Gas Fired Boiler		
Cleaver Brooks Boiler #1		

2. **Additional Terms and Conditions**

1. None

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II. Operational Restrictions

- 1. None

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III. Monitoring and/or Record Keeping Requirements

- 1. None

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IV. Reporting Requirements

- 1. None

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V. Testing Requirements

- 1. None

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VI. Miscellaneous Requirements

- 1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0278000013 Emissions Unit ID: B004 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

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>
Natural Gas Fired Boiler Cleaver Brooks Boiler #2	OAC rule 3745-17-10	0.020 lb Particulate Emission (PE) per MMBtu input
	OAC rule 3745-17-07	20% opacity as a six-minute average, except as provided by rule

2. Additional Terms and Conditions

- (a) None

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II. Operational Restrictions

- 1. The permittee shall combust only natural gas in this emissions unit.

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III. Monitoring and/or Record Keeping Requirements

1. For each day during which the permittee burns a fuel other than natural gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

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V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. and the operating restrictions in Section II of these terms and conditions shall be determined in accordance with the following method(s):
 - Emission Limitation -
0.020 lb Particulate Emission (PE) per MMBtu of heat input
 - Applicable Compliance Method -
Multiply the particulate emissions factor of 1.9 pounds of particulate emissions per million cubic feet of natural gas combusted by the inverse of the heat content of the natural gas, in Btu per cubic foot, as supplied by the gas supplier. (The emission factor is from AP - 42, Table 1.4 -1.)
2. Emission Limitation -
20% opacity as a six-minute average, except as provided by rule
 - Applicable Compliance Method -
OAC rule 3745-17-03(B)(1), if requested.

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VI. Miscellaneous Requirements

1. None

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Facility ID: 0278000013 Emissions Unit ID: B004 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

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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Natural Gas Fired Boiler		
Cleaver Brooks Boiler #2		

2. Additional Terms and Conditions

1. None

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II. Operational Restrictions

- 1. None

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III. Monitoring and/or Record Keeping Requirements

- 1. None

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IV. Reporting Requirements

- 1. None

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V. Testing Requirements

- 1. None

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VI. Miscellaneous Requirements

- 1. None

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Facility ID: 027800013 Emissions Unit ID: K002 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

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>
Green Tire Coating Operation Grader Tire Coating	OAC rule 3745-21-09(X)	See A.I.2.a
	PTI No. 02-12388 OAC rule 3745-31-05 OAC rule 3745-17-07(A)(1)	See A.I.2.b and A.I.2.c Visible particulate emissions from this source shall not exceed twenty percent opacity, as a six-minute average, except as provided by the rule.
	OAC rule 3745-17-11(B)(1)	0.551 lb/hr particulate emissions

2. Additional Terms and Conditions

- a. In accordance with paragraph (2)(a) and (c) of OAC rule 3745-21-09(X), this emissions unit is exempt from the requirements of paragraph (1)(a) of OAC rule 3745-21-09(X).
- b. The emissions from K002, the Green Tire Coating Operation shall not exceed 740 pounds per day of volatile organic compounds (VOC), based upon an average for each month.

- c. The total VOC emissions from this emissions unit shall not exceed 75.6 tons per year.

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II. Operational Restrictions

1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain monthly records which list the following information for this emissions unit :
- the company identification of each coating and cleanup material employed;
 - the number of gallons of each coating and cleanup material employed;
 - the VOC content of each coating and cleanup material employed, in pounds of VOC per gallon of coating and cleanup material;
 - the water content, in percent by volume of each coating;
 - the solids content, in percent by volume of each coating;
 - the total number of days per month of operation of the emissions unit;
 - the pounds of VOC emitted per month;
 - the pounds of VOC emitted per day, calculated by dividing the monthly emission by the days of operation for the emissions unit, i.e., (g)/(f); and
 - documentation of the type, size (bead diameter and cross-sectional dimension), and quantity of tires produced in each production run and the duration (hours) of each production run .
2. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

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IV. Reporting Requirements

- The permittee shall submit deviation (excursion) reports which identify all exceedances of the daily emission limitation for VOC. The report shall be sent to the Ohio EPA Northeast District Office within 15 days after the exceedance is identified.
- The permittee shall notify the Director (the Northeast District Office or local air agency) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the Northeast District Office or local air agency) within 30 days after the event occurs.
- The permittee shall submit deviation (excursion) reports which identify all production runs not covered by the OAC rule 3745-21-09(X)(2)(a) and (X)(2)(c) exemptions. Each report shall be sent to the Ohio EPA Northeast District Office within 15 days after the production run occurred.
- The permittee shall submit annual reports which specify the total VOC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

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V. Testing Requirements

- Emission Limitation -
740 pounds of VOC per day based upon an average for each month.

Applicable Compliance Method -
Compliance shall be based upon the record keeping specified in Section A.III.1. The VOC content of each coating and cleanup material used shall be based upon formulation data or USEPA Method 24.
- Emission Limitation-
0.551 lb particulate emission/hr

Applicable Compliance Method-
To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

$$E = \text{maximum coating solids usage rate (in pounds per hour)} \times (1-TE) \times (1-CE)$$

Where,

E = particulate emissions rate (lb/hr)

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used

CE = control efficiency of the control equipment.

3. Emission Limitation-
20% opacity as a six-minute average, except as provided by rule.

Applicable Compliance Method-
OAC rule 3745-17-03(B)(1), if required by the Ohio EPA
4. Emission Limitation -
75.6 tons of VOC per year.

Applicable Compliance Method -
Compliance shall be based upon the record keeping specified in Section A.III.1.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0278000013 Emissions Unit ID: K002 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

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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Green Tire Coating Operation		
Grader Tire Coating		

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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

1. None

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IV. **Reporting Requirements**

- 1. None

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V. **Testing Requirements**

- 1. None

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 027800013 Issuance type: Title V Proposed Permit

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Facility ID: 027800013 Emissions Unit ID: K003 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

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 Bead Dip Tank	OAC rule 3745-21-09(X)	See A.I.2.a.
2. Additional Terms and Conditions		
a. In accordance with paragraph (2)(a) and (c) of OAC rule 3745-21-09(X), this emissions unit is exempt from the requirements of paragraph (1)(a) of OAC rule 3745-21-09(X).		

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II. **Operational Restrictions**

- 1. None

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

- 1. The permittee shall collect and record the type, size (bead diameter and cross-sectional dimension), and quantity of tires produced in each production run and the duration (hours) of each production run on a monthly basis for this emissions unit.

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IV. **Reporting Requirements**

- 1. The permittee shall submit deviation (excursion) reports which identify all production runs not covered by the OAC rule 3745-21-09(X)(2)(a) and (X)(2)(c) exemptions. Each report shall be sent to the Ohio EPA Northeast District Office within 15 days after the production run occurred.

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V. **Testing Requirements**

- 1. None

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0278000013 Emissions Unit ID: K003 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

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 Bead Dip Tank		
2. Additional Terms and Conditions		
1. None		

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II. **Operational Restrictions**

- 1. None

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

- 1. None

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IV. **Reporting Requirements**

- 1. None

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V. **Testing Requirements**

- 1. None

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VI. **Miscellaneous Requirements**

- 1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0278000013 Emissions Unit ID: K004 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

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>
Undertread Cementing Operation Tread Line(K004)	OAC rule 3745-21-09(X)	See A.I.2.a
	PTI No. 02-11041 OAC rule 3745-31-05	See A.I.2.b and A.I.2.c

2. Additional Terms and Conditions

- a. In accordance with paragraph (2)(a) and (c) of OAC rule 3745-21-09(X), this emissions unit is exempt from the requirements of paragraph (1)(a) of OAC rule 3745-21-09(X).
- b. The emissions from K004, the Undertread Cementing Operation, shall not exceed 450 pounds per day of volatile organic compounds (VOC) based upon an average for each month.
- c. The total VOC emissions from this emissions unit shall not exceed 81.9 tons per year.

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II. Operational Restrictions

1. None

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain monthly records which list at a minimum the following information for this emissions unit :
 - a. the company identification of each coating and cleanup material employed;
 - b. the number of gallons of each coating and cleanup material employed;
 - c. the VOC content of each coating and cleanup materials employed, in pounds of VOC per gallon of coating and cleanup material;
 - d. the water content, in percent by volume of each coating;
 - e. the solids content, in percent by volume of each coating;
 - f. the total number of days per month of operation of the emissions unit;
 - g. the pounds of VOC emitted per month;
 - h. the pounds of VOC emitted per day, calculated by dividing the monthly emission by the days of operation for each emissions unit; and
 - i. documentation of the type, size (bead diameter and cross-sectional dimension), and quantity of tires produced in each production run and the duration (hours) of each production run .

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which identify all exceedances of the daily emission limitation for VOC. Each report shall be sent to the appropriate Ohio EPA District Office within 15 days after the exceedance is identified.
2. The permittee shall submit deviation (excursion) reports which identify all production runs not covered by the OAC rule 3745-21-09(X)(2)(a) and (X)(2)(c) exemptions. Each report shall be sent to the Ohio EPA Northeast District Office within 15 days after the production run occurred.
3. The permittee shall submit annual reports which specify the total VOC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

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V. Testing Requirements

1. Emission Limitation -
450 pounds of VOC per day based upon an average for each month.

Applicable Compliance Method -
Compliance shall be based upon the record keeping specified in Section A.III.1. The VOC content of each coating and cleanup material used shall be based upon formulation data or USEPA Method 24.
2. Emission Limitation -
81.9 tons of VOC per year.

Applicable Compliance Method -
Compliance shall be based upon the record keeping specified in Section A.III.1.

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VI. Miscellaneous Requirements

1. None

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Facility ID: 0278000013 Emissions Unit ID: K004 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

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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Undertread Cementing Operation Tread Line(K004)		
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2. **Additional Terms and Conditions**

1. None

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II. Operational Restrictions

1. None

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

- 1. None

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IV. **Reporting Requirements**

- 1. None

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V. **Testing Requirements**

- 1. None

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0278000013 Emissions Unit ID: P008 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

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>
#11 Banbury Mixer and Associated Equipment with Baghouse	OAC rule 3745-17-07	Visible particulate emissions from this emissions unit shall not exceed twenty percent opacity, as a six-minute average, except as provided by rule
	OAC rule 3745-17-11	7.69 lbs/hr particulate emissions

- 2. **Additional Terms and Conditions**

- (a) None

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II. **Operational Restrictions**

- 1. None

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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.

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IV. Reporting Requirements

1. The permittee shall submit semiannual written reports which (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 Ohio EPA Northeast District Office) by January 31 and July 31 of each year and shall cover the previous 6-month period.

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V. Testing Requirements

1. Emission Limitation:
20% opacity limit for visible particulate matter emissions

Applicable Compliance Method:
Compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(3) using the methods and procedures specified in U.S. EPA Reference Method 9.
2. Emission Limitation-
7.69 lbs/hr particulate emissions

Applicable Compliance Method-
Compliance may be demonstrated by multiplying the particulate emission factor of 20 lbs/ton of material (AP-42) by the maximum process weight of 2.75 tons/hr and by one minus the fractional control efficiency of the baghouse. Compliance shall also be determined pursuant to OAC rule 3745-17-03(B)(7), if required.

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VI. Miscellaneous Requirements

1. None

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Facility ID: 0278000013 Emissions Unit ID: P008 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

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

1. None

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II. Operational Restrictions

- 1. None

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III. Monitoring and/or Record Keeping Requirements

- 1. None

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IV. Reporting Requirements

- 1. None

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V. Testing Requirements

- 1. None

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VI. Miscellaneous Requirements

- 1. None

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Facility ID: 0278000013 Emissions Unit ID: P009 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

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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Manual Application of Tire Tackifier Solvent	OAC rule 3745-21-07 (G)(2)	Exempt. See Section 2.a below.
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2. Additional Terms and Conditions

- a. The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit is prohibited.

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II. Operational Restrictions

- 1. None

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each liquid organic material employed:
 - a. the company identification for each such material; and
 - b. documentation as to whether or not each such material is a photochemically reactive material.

[Note: The information must be for the materials as employed, including any thinning solvents added at the emissions unit.]

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the identification of any photochemically reactive liquid organic material employed, the day(s) such materials were employed, the amount of any such materials employed, and the total pounds of organic compounds emitted. The reports shall be sent to the Director (the Ohio EPA Northeast District Office) within 30 days following the end of the calendar month.

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V. Testing Requirements

1. Emission Limitation -
Use of liquid organically reactive materials.

Applicable Compliance Method -
Compliance shall be based upon the record keeping specified in Section A.III.1.

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VI. Miscellaneous Requirements

1. None

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Facility ID: 0278000013 Issuance type: Title V Proposed Permit

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Facility ID: 0278000013 Emissions Unit ID: P009 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

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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Manual Application of Tire Tackifier Solvent		
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2. Additional Terms and Conditions

1. None

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II. Operational Restrictions

1. None

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

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None