



MAJOR SOURCE OPERATING PERMIT

Permittee: **BF Goodrich Tire Manufacturing**
Facility Name: **BF Goodrich Tire Manufacturing**
Facility No.: 413-0024
Location: Tuscaloosa, Tuscaloosa County, Alabama

In accordance with and subject to the provisions of the Alabama Air Pollution Control Act of 1971, Ala. Code §§22-28-1 to 22-28-23, as amended, the Alabama Environmental Management Act, Ala. Code §§22-22A-1 to 22-22A-17, as amended, and rules and regulations adopted there under, and subject further to the conditions set forth in this permit, the Permittee is hereby authorized to construct, install and use the equipment, device or other article described above.

*Pursuant to the **Clean Air Act of 1990**, all conditions of this permit are federally enforceable by EPA, the Alabama Department of Environmental Management, and citizens in general. Those provisions which are not required under the **Clean Air Act of 1990** are considered to be state permit provisions and are not federally enforceable by EPA and citizens in general. Those provisions are contained in separate sections of this permit.*

Issuance Date: *DRAFT*
Effective Date: *DRAFT*
Expiration Date: *DRAFT*

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<p>1. <u>Transfer</u></p> <p>This permit is not transferable, whether by operation of law or otherwise, either from one location to another, from one piece of equipment to another, or from one person to another, except as provided in Rule 335-3-16-.13(1)(a)5.</p> <p>2. <u>Renewals</u></p> <p>An application for permit renewal shall be submitted at least six (6) months, but not more than eighteen (18) months, before the date of expiration of this permit.</p> <p>The source for which this permit is issued shall lose its right to operate upon the expiration of this permit unless a timely and complete renewal application has been submitted within the time constraints listed in the previous paragraph.</p> <p>3. <u>Severability Clause</u></p> <p>The provisions of this permit are declared to be severable and if any section, paragraph, subparagraph, subdivision, clause, or phrase of this permit shall be adjudged to be invalid or unconstitutional by any court of competent jurisdiction, the judgment shall not affect, impair, or invalidate the remainder of this permit, but shall be confined in its operation to the section, paragraph, subparagraph, subdivision, clause, or phrase of this permit that shall be directly involved in the controversy in which such judgment shall have been rendered.</p> <p>4. <u>Compliance</u></p> <p>(a) The permittee shall comply with all conditions of ADEM Admin. Code 335-3. Noncompliance with this permit will constitute a violation of the Clean Air Act of 1990 and ADEM Admin. Code 335-3 and may result in an enforcement action; including but not limited to, permit termination, revocation and reissuance, or modification; or denial of a permit renewal application by the permittee.</p>	<p>Rule 335-3-16-.02(6)</p> <p>Rule 335-3-16-.12(2)</p> <p>Rule 335-3-16-.05(e)</p> <p>Rule 335-3-16-.05(f)</p>

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(b) The permittee shall not use as a defense in an enforcement action that maintaining compliance with conditions of this permit would have required halting or reducing the permitted activity.	Rule 335-3-16-.05(g)
<p>5. <u>Termination for Cause</u></p> <p>This permit may be modified, revoked, reopened, and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance will not stay any permit condition.</p>	Rule 335-3-16-.05(h)
<p>6. <u>Property Rights</u></p> <p>The issuance of this permit does not convey any property rights of any sort, or any exclusive privilege.</p>	Rule 335-3-16-.05(i)
<p>7. <u>Submission of Information</u></p> <p>The permittee must submit to the Department, within 30 days or for such other reasonable time as the Department may set, any information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with this permit. Upon receiving a specific request, the permittee shall also furnish to the Department copies of records required to be kept by this permit.</p>	Rule 335-3-16-.05(j)
<p>8. <u>Economic Incentives, Marketable Permits, and Emissions Trading</u></p> <p>No permit revision shall be required, under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit.</p>	Rule 335-3-16-.05(k)

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<p>9. <u>Certification of Truth, Accuracy, and Completeness:</u></p> <p>Any application form, report, test data, monitoring data, or compliance certification submitted pursuant to this permit shall contain certification by a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.</p> <p>10. <u>Inspection and Entry</u></p> <p>Upon presentation of credentials and other documents as may be required by law, the permittee shall allow authorized representatives of the Alabama Department of Environmental Management and EPA to conduct the following:</p> <ul style="list-style-type: none"> (a) Enter upon the permittee's premises where a source is located or emissions-related activity is conducted, or where records must be kept pursuant to the conditions of this permit; (b) Review and/or copy, at reasonable times, any records that must be kept pursuant to the conditions of this permit; (c) Inspect, at reasonable times, this facility's equipment (including monitoring equipment and air pollution control equipment), practices, or operations regulated or required pursuant to this permit; (d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or other applicable requirements. <p>11. <u>Compliance Provisions</u></p> <ul style="list-style-type: none"> (a) The permittee shall continue to comply with the applicable requirements with which the company has certified that it is already in compliance. 	<p>Rule 335-3-16-.07(a)</p> <p>Rule 335-3-16-.07(b)</p> <p>Rule 335-3-16-.07(c)</p>

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<p>(b) The permittee shall comply in a timely manner with applicable requirements that become effective during the term of this permit.</p> <p>12. <u>Compliance Certification</u></p> <p>A compliance certification shall be submitted on or before DATE of each calendar year and shall cover the period between DATE of the previous year and July 17th of the current year.</p> <p>(a) The compliance certification shall include the following:</p> <ul style="list-style-type: none"> (1) The identification of each term or condition of this permit that is the basis of the certification; (2) The compliance status; (3) The method(s) used for determining the compliance status of the source, currently and over the reporting period consistent with Rule 335-3-16-.05(c) (Monitoring and Recordkeeping Requirements); (4) Whether compliance has been continuous or intermittent; (5) Such other facts as the Department may require to determine the compliance status of the source; <p>(b) The compliance certification shall be submitted to:</p> <p style="text-align: center;">Alabama Department of Environmental Management Air Division P.O. Box 301463 Montgomery, AL 36130-1463</p> <p style="text-align: center;">and to:</p> <p style="text-align: center;">Enforcement and Compliance Assurance Division</p>	<p>Rule 335-3-16-.07(e)</p>

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EPA Region 4 Atlanta Federal Center 61 Forsyth Street, SW Atlanta, GA 30303	
<p>13. <u>Reopening for Cause</u></p> <p>Under any of the following circumstances, this permit will be reopened prior to the expiration of the permit:</p> <ul style="list-style-type: none"> (a) Additional applicable requirements under the Clean Air Act of 1990 become applicable to the permittee with a remaining permit term of three (3) or more years. Such a reopening shall be completed not later than eighteen (18) months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire. (b) Additional requirements (including excess emissions requirements) become applicable to an affected source under the acid rain program. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into this permit. (c) The Department or EPA determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit. (d) The Administrator or the Department determines that this permit must be revised or revoked to assure compliance with the applicable requirements. 	Rule 335-3-16-.13(5)
<p>14. <u>Additional Rules and Regulations</u></p> <p>This permit is issued on the basis of Rules and Regulations existing on the date of issuance. In the event additional Rules and Regulations are adopted, it</p>	§22-28-16(d), Code of Alabama 1975, as amended

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<p>shall be the permit holder's responsibility to comply with such rules.</p>	
<p>15. <u>Equipment Maintenance or Breakdown</u></p>	
<p>(a) In the case of shutdown of air pollution control equipment (which operates pursuant to any permit issued by the Director) for necessary scheduled maintenance, the intent to shut down such equipment shall be reported to the Director at least twenty-four (24) hours prior to the planned shutdown, unless such shutdown is accompanied by the shutdown of the source which such equipment is intended to control. Such prior notice shall include, but is not limited to the following:</p> <ol style="list-style-type: none"> (1) Identification of the specific facility to be taken out of service as well as its location and permit number; (2) The expected length of time that the air pollution control equipment will be out of service; (3) The nature and quantity of emissions of air contaminants likely to occur during the shutdown period; (4) Measures such as the use of off-shift labor and equipment that will be taken to minimize the length of the shutdown period; (5) The reasons that it would be impossible or impractical to shut down the source operation during the maintenance period. <p>(b) In the event that there is a breakdown of equipment or upset of process in such a manner as to cause, or is expected to cause, increased emissions of air contaminants which are above an applicable standard, the person responsible for such equipment shall notify the</p>	<p>Rule 335-3-1-.07(1), (2)</p>

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<p>Director within 24 hours or the next working day and provide a statement giving all pertinent facts, including the estimated duration of the breakdown. The Director shall be notified when the breakdown has been corrected.</p>	
<p>16. <u>Operation of Capture and Control Devices</u></p> <p>All air pollution control devices and capture systems for which this permit is issued shall be maintained and operated at all times in a manner so as to minimize the emissions of air contaminants. Procedures for ensuring that the above equipment is properly operated and maintained so as to minimize the emission of air contaminants shall be established.</p>	<p>§22-28-16(d), Code of Alabama 1975, as amended</p>
<p>17. <u>Obnoxious Odors</u></p> <p>This permit is issued with the condition that, should obnoxious odors arising from the plant operations be verified by Air Division inspectors, measures to abate the odorous emissions shall be taken upon a determination by the Alabama Department of Environmental Management that these measures are technically and economically feasible.</p>	<p>Rule 335-3-1-.08</p>
<p>18. <u>Fugitive Dust</u></p> <p>(a) Precautions shall be taken to prevent fugitive dust emanating from plant roads, grounds, stockpiles, screens, dryers, hoppers, ductwork, etc.</p> <p>(b) Plant or haul roads and grounds will be maintained in the following manner so that dust will not become airborne. A minimum of one, or a combination, of the following methods shall be utilized to minimize airborne dust from plant or haul roads and grounds:</p> <p>(1) By the application of water any time the surface of the road is sufficiently dry to allow the creation of dust emissions by the act of wind or vehicular traffic;</p>	<p>Rule 335-3-4-.02</p>

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<p>(2) By reducing the speed of vehicular traffic to a point below that at which dust emissions are created;</p> <p>(3) By paving;</p> <p>(4) By the application of binders to the road surface at any time the road surface is found to allow the creation of dust emissions;</p> <p>Should one, or a combination, of the above methods fail to adequately reduce airborne dust from plant or haul roads and grounds, alternative methods shall be employed, either exclusively or in combination with one or all of the above control techniques, so that dust will not become airborne. Alternative methods shall be approved by the Department prior to utilization.</p>	
<p>19. <u>Additions and Revisions</u></p> <p>Any modifications to this source shall comply with the modification procedures in Rules 335-3-16-.13 or 335-3-16-.14.</p>	<p>Rule 335-3-16-.13 and .14</p>
<p>20. <u>Recordkeeping Requirements</u></p> <p>(a) Records of required monitoring information of the source shall include the following:</p> <p>(1) The date, place, and time of all sampling or measurements;</p> <p>(2) The date analyses were performed;</p> <p>(3) The company or entity that performed the analyses;</p> <p>(4) The analytical techniques or methods used;</p> <p>(5) The results of all analyses; and</p> <p>(6) The operating conditions that existed at the time of sampling or measurement.</p> <p>Retention of records of all required monitoring data and support information of the source for a period of</p>	<p>Rule 335-3-16-.05(c)2.</p>

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<p>at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation and copies of all reports required by the permit.</p>	
<p>21. <u>Reporting Requirements</u></p>	
<p>(a) Reports to the Department of any required monitoring shall be submitted at least every 6 months. All instances of deviations from permit requirements must be clearly identified in said reports. All required reports must be certified by a responsible official consistent with Rule 335-3-16-.04(9).</p>	<p>Rule 335-3-16-.05(c)3</p>
<p>(b) Deviations from permit requirements shall be reported within 48 hours or 2 working day of such deviations, including those attributable to upset conditions as defined in the permit. The report will include the probable cause of said deviations, and any corrective actions or preventive measures that were taken.</p>	
<p>22. <u>Emission Testing Requirements</u></p>	
<p>Each point of emission which requires testing will be provided with sampling ports, ladders, platforms, and other safety equipment to facilitate testing performed in accordance with procedures established by Part 60 of Title 40 of the Code of Federal Regulations, as the same may be amended or revised.</p>	<p>Rule 335-3-1-.05(3) Rule 335-3-1-.04(1)</p>
<p>The Air Division must be notified in writing at least 10 days in advance of all emission tests to be conducted and submitted as proof of compliance with the Department's air pollution control rules and regulations.</p>	
<p>To avoid problems concerning testing methods and procedures, the following shall be included with the notification letter:</p>	
<p>(1) The date the test crew is expected to arrive, the date and time anticipated of the start of the first</p>	

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<p>run, how many and which sources are to be tested, and the names of the persons and/or testing company that will conduct the tests.</p> <p>(2) A complete description of each sampling train to be used, including type of media used in determining gas stream components, type of probe lining, type of filter media, and probe cleaning method and solvent to be used (if test procedures require probe cleaning).</p> <p>(3) A description of the process(es) to be tested including the feed rate, any operating parameters used to control or influence the operations, and the rated capacity.</p> <p>(4) A sketch or sketches showing sampling point locations and their relative positions to the nearest upstream and downstream gas flow disturbances.</p> <p>A pretest meeting may be held at the request of the source owner or the Air Division. The necessity for such a meeting and the required attendees will be determined on a case-by-case basis.</p> <p>All test reports must be submitted to the Air Division within 30 days of the actual completion of the test unless an extension of time is specifically approved by the Air Division.</p>	
<p>23. <u>Payment of Emission Fees</u></p> <p>Annual emission fees shall be remitted each year according to the fee schedule in ADEM Admin. Code r. 335-1-7-.04.</p>	<p>Rule 335-1-7-.04</p>
<p>24. <u>Other Reporting and Testing Requirements</u></p> <p>Submission of other reports regarding monitoring records, fuel analyses, operating rates, and equipment malfunctions may be required as authorized in the Department's air pollution control rules and regulations. The Department may require emission testing at any time.</p>	<p>Rule 335-3-1-.04(1)</p>

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<p>25. <u>Title VI Requirements (Refrigerants)</u></p> <p>Any facility having appliances or refrigeration equipment, including air conditioning equipment, which use Class I or Class II ozone-depleting substances as listed in 40 CFR Part 82, Subpart A, Appendices A and B, shall service, repair, and maintain such equipment according to the work practices, personnel certification requirements, and certified recycling and recovery equipment specified in 40 CFR Part 82, Subpart F.</p> <p>No person shall knowingly vent or otherwise release any Class I or Class II substance into the environment during the repair, servicing, maintenance, or disposal of any device except as provided in 40 CFR Part 82, Subpart F.</p> <p>The responsible official shall comply with all reporting and recordkeeping requirements of §82.166. Reports shall be submitted to the US EPA and the Department as required.</p>	<p>40 CFR 82</p>
<p>26. <u>Chemical Accidental Prevention Provisions</u></p> <p>If a chemical listed in Table 1 of 40 CFR Part 68.130 is present in a process in quantities greater than the threshold quantity listed in Table 1, then:</p> <ul style="list-style-type: none"> (a) The owner or operator shall comply with the provisions in 40 CFR Part 68. (b) The owner or operator shall submit one of the following: <ul style="list-style-type: none"> (1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in §68.10(a) or, (2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan. 	<p>40 CFR Part 68</p>
<p>27. <u>Display of Permit</u></p>	

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<p>This permit shall be kept under file or on display at all times at the site where the facility for which the permit is issued is located and will be made readily available for inspection by any or all persons who may request to see it.</p>	<p>Rule 335-3-14-.01(1)(d)</p>
<p>28. <u>Circumvention</u></p> <p>No person shall cause or permit the installation or use of any device or any means which, without resulting in reduction in the total amount of air contaminant emitted, conceals or dilutes any emission of air contaminant which would otherwise violate the Division 3 rules and regulations.</p>	<p>Rule 335-3-1-.10</p>
<p>29. <u>Visible Emissions</u></p> <p>Unless otherwise specified in the Unit Specific provisos of this permit, any source of particulate emissions shall not discharge more than one 6-minute average opacity greater than 20% in any 60-minute period. At no time shall any source discharge a 6-minute average opacity of particulate emissions greater than 40%. Opacity will be determined by 40 CFR Part 60, Appendix A, Method 9, unless otherwise specified in the Unit Specific provisos of this permit.</p>	<p>Rule 335-3-4-.01(1)</p>
<p>30. <u>Fuel-Burning Equipment</u></p> <p>(a) Unless otherwise specified in the Unit Specific provisos of this permit, no fuel-burning equipment may discharge particulate emissions in excess of the emissions specified in Rule 335-3-4-.03.</p> <p>(b) Unless otherwise specified in the Unit Specific provisos of this permit, no fuel-burning equipment may discharge sulfur dioxide emissions in excess of the emissions specified in Rule 335-3-5-.01.</p>	<p>Rule 335-3-4-.03</p> <p>Rule 335-3-5-.01</p>
<p>31. <u>Process Industries – General</u></p> <p>Unless otherwise specified in the Unit Specific provisos of this permit, no process may discharge</p>	<p>Rule 335-3-4-.04</p>

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<p>particulate emissions in excess of the emissions specified in Rule 335-3-4-.04.</p>	
<p>32. <u>Averaging Time for Emission Limits</u></p> <p>Unless otherwise specified in the permit, the averaging time for the emission limits listed in this permit shall be the nominal time required by the specific test method.</p>	<p>Rule 335-3-1-.05</p>
<p>33. <u>Compliance Assurance Monitoring (CAM)</u></p> <p>Conditions (a) through (d) that follow are general conditions applicable to emissions units that are subject to the CAM requirements. Specific requirements related to each emissions unit are contained in the unit specific provisos and the attached CAM appendices.</p>	<p>40 CFR 64</p>
<p>(a) <u>Operation of Approved Monitoring</u></p> <p>(1) <i>Commencement of operation.</i> The owner or operator shall conduct the monitoring required under this section and detailed in the unit specific provisos and CAM appendix of this permit (if required) upon issuance of the permit, or by such later date specified in the permit pursuant to §64.6(d).</p> <p>(2) <i>Proper maintenance.</i> At all times, the owner or operator shall maintain the monitoring, including but not limited to, maintaining necessary parts for routine repairs of the monitoring equipment.</p> <p>(3) <i>Continued operation.</i> Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the owner or operator shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. Data recorded during</p>	<p>40 CFR 64.7</p>

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<p>monitoring malfunctions, associated repairs, and required quality assurance or control activities shall not be used for purposes of this part, including data averages and calculations, or fulfilling a minimum data availability requirement, if applicable. The owner or operator shall use all the data collected during all other periods in assessing the operation of the control device and associated control system. A monitoring malfunction is any sudden, infrequent, not reasonably preventable failure of the monitoring to provide valid data. Monitoring failures that are caused in part by poor maintenance or careless operation are not malfunctions.</p> <p>(4) <i>Response to excursions or exceedances.</i> (a) Upon detecting an excursion or exceedance, the owner or operator shall restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions. The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). Such actions may include initial inspection and evaluation, recording that operations returned to normal without operator action (such as through response by a computerized distribution control system), or any necessary follow-up actions to return operation to within the indicator range, designated condition, or below the applicable emission limitation or standard, as applicable. (b) Determination of whether the owner or operator has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include but is not limited to, monitoring results, review of operation and maintenance procedures and records, and</p>	

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<p>inspection of the control device, associated capture system, and the process.</p> <p>(5) <i>Documentation of need for improved monitoring.</i> After approval of monitoring under this part, if the owner or operator identifies a failure to achieve compliance with an emission limitation or standard for which the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions, the owner or operator shall promptly notify the Department and, if necessary, submit a proposed modification to the permit to address the necessary monitoring changes. Such a modification may include, but is not limited to, reestablishing indicator ranges or designated conditions, modifying the frequency of conducting monitoring and collecting data, or the monitoring of additional parameters.</p>	
<p>(b) Quality Improvement Plan (QIP) Requirements</p> <p>(1) Based on the results of a determination made under Section 33(a)(4)(b) above, the Administrator or the permitting authority may require the owner or operator to develop and implement a QIP. Consistent with 40 CFR §64.6(c)(3), the permit may specify an appropriate threshold, such as an accumulation of exceedances or excursions exceeding 5 percent duration of a pollutant-specific emissions unit's operating time for a reporting period, for requiring the implementation of a QIP. The threshold may be set at a higher or lower percent or may rely on other criteria for purposes of indicating whether a pollutant-specific emissions unit is being maintained and operated in a manner consistent with good air pollution control practices.</p> <p>(2) Elements of a QIP:</p>	<p>40 CFR 64.8</p>

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<ul style="list-style-type: none"> a. The owner or operator shall maintain a written QIP, if required, and have it available for inspection. b. The plan initially shall include procedures for evaluating the control performance problems and, based on the results of the evaluation procedures, the owner or operator shall modify the plan to include procedures for conducting one or more of the following actions, as appropriate: <ul style="list-style-type: none"> i. Improved preventive maintenance practices. ii. Process operation changes. iii. Appropriate improvements to control methods. iv. Other steps appropriate to correct control performance. v. More frequent or improved monitoring (only in conjunction with one or more steps under paragraphs (2)(b)(i) through (iv) above). (3) If a QIP is required, the owner or operator shall develop and implement a QIP as expeditiously as practicable and shall notify the Department if the period for completing the improvements contained in the QIP exceeds 180 days from the date on which the need to implement the QIP was determined. (4) Following implementation of a QIP, upon any subsequent determination pursuant to Section 33(a)(4)(b) above, the Department may require that an owner or operator make reasonable changes to the QIP if the QIP is found to have: <ul style="list-style-type: none"> a. Failed to address the cause of the control device performance problems; or b. Failed to provide adequate procedures for correcting control device performance 	

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<p>problems as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions.</p> <p>(5) Implementation of a QIP shall not excuse the owner or operator of a source from compliance with any existing emission limitation or standard, or any existing monitoring, testing, reporting or recordkeeping requirement that may apply under federal, state, or local law, or any other applicable requirements under the Act.</p>	
<p>(c) Reporting and Recordkeeping Requirements</p> <p>(1) <i>General reporting requirements</i></p> <p>a. On and after the date specified in Section 33(a)(1) above by which the owner or operator must use monitoring that meets the requirements of this part, the owner or operator shall submit monitoring reports to the permitting authority in accordance with ADEM Admin. Code r. 335-3-16-.05(c)3.</p> <p>b. A report for monitoring under this part shall include, at a minimum, the information required under ADEM Admin. Code r. 335-3-16-.05(c)3. and the following information, as applicable:</p> <p>i. Summary information on the number, duration and cause (including unknown cause, if applicable) of excursions or exceedances, as applicable, and the corrective actions taken;</p> <p>ii. Summary information on the number, duration and cause (including unknown cause, if applicable) for monitor downtime incidents (other than downtime associated with zero and span or other daily calibration checks, if applicable); and</p> <p>iii. A description of the actions taken to implement a QIP during the reporting</p>	<p>40 CFR 64.9</p>

General Permit Provisos

Federally Enforceable Provisos	Regulations
<p>period as specified in Section 33(b) above. Upon completion of a QIP, the owner or operator shall include in the next summary report documentation that the implementation of the plan has been completed and reduced the likelihood of similar levels of excursions or exceedances occurring.</p> <p>(2) General recordkeeping requirements.</p> <p>a. The owner or operator shall comply with the recordkeeping requirements specified in ADEM Admin. Code r. 335-3-16-.05(c)2. The owner or operator shall maintain records of monitoring data, monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to Section 33(b) above and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under this part (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions).</p> <p>b. Instead of paper records, the owner or operator may maintain records on alternative media, such as microfilm, computer files, magnetic tape disks, or microfiche, provided that the use of such alternative media allows for expeditious inspection and review, and does not conflict with other applicable recordkeeping requirements.</p> <p>(d) Savings Provisions</p> <p>Nothing in this part shall:</p> <p>a. Excuse the owner or operator of a source from compliance with any existing emission limitation or standard, or any existing monitoring, testing, reporting or recordkeeping requirement that may apply under federal, state, or local law, or any other applicable</p>	<p>40 CFR 64.10</p>

General Permit Provisos

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<p>requirements under the Act. The requirements of this part shall not be used to justify the approval of monitoring less stringent than the monitoring which is required under separate legal authority and are not intended to establish minimum requirements for the purpose of determining the monitoring to be imposed under separate authority under the Act, including monitoring in permits issued pursuant to title I of the Act. The purpose of this part is to require, as part of the issuance of a permit under title V of the Act, improved or new monitoring at those emissions units where monitoring requirements do not exist or are inadequate to meet the requirements of this part.</p> <p>b. Restrict or abrogate the authority of the Department to impose additional or more stringent monitoring, recordkeeping, testing, or reporting requirements on any owner or operator of a source under any provision of the Act, including but not limited to sections 114(a)(1) and 504(b), or state law, as applicable.</p> <p>c. Restrict or abrogate the authority of the Department to take any enforcement action under the Act for any violation of an applicable requirement or of any person to take action under section 304 of the Act.</p>	

Summary Page for Mixing

Permitted

Operating Schedule: 24 Hrs/day x 7 Days/week x 52 Weeks/yr = 8,760 Hrs/yr

Emission limitations:

Emission Point #	Description	Pollutant	Emission Limit	Regulation
EU001	Mixing Lines No. 1, No. 2, No. 7, No. 8 with Carbon Black Transfer System controlled by Baghouses and Filters	PM	$E=17.31P^{0.16}$	Rule 335-3-4-.04(1)
	Mixing Line No. 9	PM	The lesser of 3.42 lb/hr or $E=17.31P^{0.16}$	Rule 335-3-14-.04 (Anti-PSD) Rule 335-3-4-.04(1)
		VOC	245 TPY Facility-wide	Rule 335-3-14-.04 (Anti-PSD)
		HAP	9.5 TPY of single HAP; 24.5 TPY of any combination of HAPs Facility-wide	Rule 335-3-16-.05(a) (Anti-MACT)
		Opacity	20% (See General Provisos)	Rule 335-3-4-.01(1)

Provisos for Mixing

Federally Enforceable Provisos	Regulations
Applicability	
1. These units are subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, <i>“Major Source Operating Permits”</i> .	Rule 335-3-16-.03
2. These units are subject to the applicable requirements of ADEM Admin. Code r. 335-3-4-.04(1), <i>“Control of Particulate Emissions for Process Industries – General”</i> as described in General Proviso No. 31.	Rule 335-3-4-.04(1)
3. These units are subject to the applicable requirements of ADEM Admin. Code r. 335-3-4-.01(1), <i>“Control of Particulate Emissions – Visible Emissions”</i> as described in General Proviso No. 29.	Rule 335-3-4-.01(1)
4. These units have an enforceable limit in place in order to prevent them from being subject to the provisions of ADEM Admin Code r. 335-3-14-.04, <i>“Air Permits Authorizing Construction in Clean Air Areas (Prevention of Significant Deterioration)”</i> .	Rule 335-3-14-.04 (Anti-PSD)
5. These units have enforceable limits in place in order to prevent them from being subject to the applicable provisions of 40 CFR 63 Subpart, XXXX, <i>“National Emissions Standards for Hazardous Air Pollutants for Rubber Tire Manufacturing”</i> .	Rule 335-3-16-.05 (Anti-MACT)
Emission Standards	
1. Particulate matter emissions from the F1, F2, F3, F6, F7, F8, F11, F12, F13, F14, F91, F92, F93, F100, F200, F911-913, and F921-923 shall not exceed that which is calculated using the process weight equation, as defined in ADEM Admin. Code r. 335-3-4-.04(1).	Rule 335-3-4-.04(1)
2. Particulate matter emissions from Mixing Line No. 9 (F91, F92, F93, F911, F912-913, F921, F922, F923, F100, F20) shall not exceed the lesser of 3.42 lb/hr or that which is calculated using the process weight equation, as defined in ADEM Admin. Code r. 335-3-4-.04(1).	Rule 335-3-14-.04 (Anti-PSD) Rule 335-3-4-.04(1)
3. Visible emissions from these units shall not exceed the opacity limitations as specified in General Proviso No. 29.	Rule 335-3-4-.01(1)
4. Facility-wide Volatile Organic Compound (VOC) emissions shall not exceed 245 tons during any consecutive twelve (12) month period.	Rule 335-3-14-.04 (Anti-PSD)

Federally Enforceable Provisos	Regulations
5. Facility-wide Hazardous Air Pollutant (HAP) emissions shall not exceed 9.5 tons of any single HAP and no more than 24.5 tons of any combination of HAPs during any consecutive twelve (12) month period.	Rule 335-3-16-.05(a) (Anti-MACT)
Compliance and Performance Test Methods and Procedures	
1. Method 5 or Method 17 or 40 CFR 60, Appendix A, shall be used in the determination of particulate emissions.	Rule 335-3-1-.05
2. Method 9 of 40 CFR 60, Appendix A, shall be used in the determination of the opacity of emissions from affected sources.	Rule 335-3-1-.05
3. Method 25A of 40 CFR 60, Appendix A shall be used in the determination of volatile organic compound emissions.	Rule 335-3-1-.05
Emission Monitoring	
1. Visible emission checks shall be conducted weekly while each unit is in operation. If the observed instantaneous opacity is greater than ten (10%) percent at any time, a visible emissions observation shall be conducted within thirty (30) minutes of the observation in accordance with 40 CFR 60 Appendix A, Method 9 for a minimum of twelve (12) consecutive minutes. Whenever any visible emissions are observed, maintenance inspections and/or corrective action to reduce the visible emissions are to be initiated within two hours, followed by an additional observation to confirm the visible emissions have ceased.	Rule 335-3-16-.05(c)1.
2. Properly maintained and operated devices shall be utilized to measure the pressure differential between the inlets and exhausts of the baghouses to determine if the pressure differential is within the manufacturer's recommended operating range. The pressure differentials shall be checked on at least a daily basis. Whenever a pressure differential is outside of the manufacturer's recommended range, maintenance inspections and/or corrective action to bring the pressure differential within the manufacturer's recommended range are to be initiated within two hours.	Rule 335-3-16-.05(c)1.
Recordkeeping and Reporting Requirements	
1. The facility shall maintain a record of all inspections, including visible emissions checks, Method 9 observations, pressure differential readings, problems noted, and corrective actions taken, performed to satisfy the requirements of periodic monitoring. Each record shall be maintained in a form suitable for inspection for a period of five years from the date of generation.	Rule 335-3-16-.05(c)2.
2. The facility shall maintain a record of the facility-wide total VOC, individual HAP, and total HAP emissions calculated on a twelve	Rule 335-3-16-.05(c)2.

Federally Enforceable Provisos**Regulations**

(12) month rolling basis using a method approved by the Department. Records shall be maintained in a form suitable for inspection for a period of at least five (5) years.

3. A semi-annual monitoring report shall be submitted to the Department according to the following schedule:

Reporting Period	Date Due
September 1 st through February 28 th or 29 th	April 29 th
March 1 st through August 31 st	October 30 th

4. Each semi-annual monitoring report shall contain the following:

- (a) A detailed description of every instance in which visible emissions greater than ten (10%) percent opacity were observed, to include the date, time, cause of the visible emissions excursion, and the corrective action taken.
- (b) A copy of every ADEM excess visible emissions observation report generated during the reporting period.
- (c) A description of every instance in which the observed pressure drop was outside of the manufacturer's recommended operating range, to include time, date, observed pressure drop, cause of the pressure drop excursion, and the corrective action taken.
- (d) Facility-wide total VOC emissions calculated on a twelve (12) month rolling basis using a method approved by the Department.
- (e) Facility-wide total HAP emissions calculated on a twelve (12) month rolling basis using a method approved by the Department.
- (f) Facility-wide individual HAP emissions calculated on a twelve (12) month rolling basis using a method approved by the Department.
- (g) A statement certifying that all required monitoring, recordkeeping, and reporting requirements were accomplished as required.

Rule 335-3-16-.05(c)3.

Rule 335-3-16-.05(c)3.

Summary Page for Rubber Preparation (Extruding, Calendering, Milling, Cutting)

Permitted

Operating Schedule: 24 Hrs/day x 7 Days/week x 52 Weeks/yr = 8,760 Hrs/yr

Emission limitations:

Emission Point #	Description	Pollutant	Emission Limit	Regulation
EU002	Rubber Preparation	VOC	245 TPY Facility-wide	Rule 335-3-14-.04 (Anti-PSD)
		HAP	9.5 TPY of single HAP; 24.5 TPY of any combination of HAPs Facility-wide	Rule 335-3-16-.05(a) (Anti-MACT)

Provisos for Rubber Preparation (Extruding, Calendering, Milling, Cutting)

Federally Enforceable Provisos	Regulations
Applicability	
1. These units are subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, <i>“Major Source Operating Permits”</i> .	Rule 335-3-16-.03
2. These units have an enforceable limit in place in order to prevent them from being subject to the provisions of ADEM Admin. Code r. 335-3-14-.04, <i>“Air Permits Authorizing Construction in Clean Air Areas [Prevention of Significant Deterioration]”</i> .	Rule 335-3-14-.04 (Anti-PSD)
3. These units have enforceable limits in place in order to prevent them from being subject to the applicable provisions of 40 CFR 63 Subpart XXXX, <i>“National Emissions Standards for Hazardous Air Pollutants for Rubber Tire Manufacturing”</i> .	Rule 335-3-16-.05 (Anti-MACT)
Emission Standards	
1. Facility-wide Volatile Organic Compound (VOC) emissions shall not exceed 245 tons during any consecutive twelve (12) month period.	Rule 335-3-14-.04 (Anti-PSD)
2. Facility-wide Hazardous Air Pollutant (HAP) emissions shall not exceed 9.5 tons of any single HAP and no more than 24.5 tons of any combination of HAPs during any consecutive twelve (12) month period.	Rule 335-3-16-.05(a) (Anti-MACT)
Compliance and Performance Test Methods and Procedures	
1. Method 25A of 40 CFR 60, Appendix A, shall be used in the determination of volatile organic compound (VOC) emissions.	Rule 335-3-1-.05
Emission Monitoring	
1. There are no unit specific emission monitoring requirements for these units.	N/A
Recordkeeping and Reporting Requirements	
1. The facility shall maintain a record of the facility-wide total VOC, individual HAP, and total HAP emissions calculated on a twelve (12) month rolling basis using a method approved by the Department. Records shall be maintained in a form suitable for inspection for a period of at least five (5) years.	Rule 335-3-16-.05(c)2.
2. A semi-annual monitoring report shall be submitted to the Department according to the following schedule:	Rule 335-3-16-.05(c)3.

Federally Enforceable Provisos**Regulations**

Reporting Period	Date Due
September 1 st through February 28 th or 29 th	April 29 th
March 1 st through August 31 st	October 30 th

- 3.
4. Each semi-annual monitoring report shall include the following:
- (a) Facility-wide total VOC emissions calculated on a twelve (12) month rolling basis using a method approved by the Department.
 - (b) Facility-wide total HAPs emissions calculated on a twelve (12) month rolling basis using a method approved by the Department.
 - (c) Facility-wide individual HAP emissions calculated on a twelve (12) month rolling basis using a method approved by the Department.
 - (d) A statement certifying that all required monitoring, recordkeeping, and reporting requirements were accomplished as required.

Rule 335-3-16-.05(c)3.

Summary Page for Tread End Cementing and Marking

Permitted

Operating Schedule: 24 Hrs/day x 7 Days/week x 52 Weeks/yr = 8,760 Hrs/yr

Emission limitations:

Emission Point #	Description	Pollutant	Emission Limit	Regulation
EU003	Tread End Cementing and Centerline Marking Lines No. 1, No. 2, and No. 3	VOC	10 grams/tread and 245 TPY Facility-wide	40 CFR §60.542(a)(3) and Rule 335-3-14-.04 (Anti-PSD)
		HAP	9.5 TPY of any single HAP; 24.5 TPY of any combination of HAPs Facility-wide	Rule 335-3-16-.05(a) (Anti-MACT)

Provisos for Tread End Cementing and Marking

Federally Enforceable Provisos	Regulations
Applicability	
1. These units are subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, <i>“Major Source Operating Permits”</i> .	Rule 335-3-16-.03
2. These units have an enforceable limit in place in order to prevent them from being subject to the provisions of ADEM Admin. Code r. 335-3-14-.04, <i>“Air Permits Authorizing Construction in Clean Air Areas (Prevention of Significant Deterioration)”</i> .	Rule 335-3-14-.04 (Anti-PSD)
3. These tread end cementing portions of these units are subject to the applicable requirements of 40 CFR Part 60, Subpart BBB, <i>“Standards of Performance for the Rubber Tire Manufacturing Industry”</i> .	Rule 335-3-10-.02(54) 40 CFR §60.540(a)
4. The tread end cementing portions of these units are subject to the applicable requirements of 40 CFR Part 60, Subpart A, <i>“General Provisions”</i> .	Rule 335-3-10-.02(1) 40 CFR §60.1(a)
5. These units have enforceable limits in place in order to prevent them from being subject to the applicable provisions of 40 CFR Part 63, Subpart XXXX, <i>“National Emissions Standards for Hazardous Air Pollutants for Rubber Tire Manufacturing”</i> .	Rule 335-3-16-.05 (Anti-MACT)
Emission Standards	
1. Volatile Organic Compound (VOC) emissions from each tread end cementing operation shall not exceed ten (10) grams per tread during each calendar month.	40 CFR §60.542(a)(3)
2. Facility-wide VOC emissions shall not exceed 245 tons during any consecutive twelve (12) month period.	Rule 335-3-14-.04 (Anti-PSD)
3. Facility-wide Hazardous Air Pollutant (HAP) emissions shall not exceed 9.5 tons of any single HAP and no more than 24.5 tons of any combination of HAPs during any consecutive twelve (12) month period.	Rule 335-3-16-.05(a) (Anti-MACT)
Compliance and Performance Test Methods and Procedures	
1. Method 25A of 40 CFR 60, Appendix A, shall be used in the determination of volatile organic compound (VOC) emissions.	Rule 335-3-1-.05

Federally Enforceable Provisos	Regulations
<p>2. If water based cements containing less than 1.0 percent VOC (by weight) are used in the tread end cementing operation, formulation data or the results of Method 24 analyses shall be submitted to the Department annually, provided that the formula has not changed during the previous twelve (12) months.</p> <p>3. If water based cements containing 1.0 percent VOC (by weight) or more are used in the tread end cementing operation, then the following procedure shall be used to determine compliance with the VOC emission limit per tire:</p> <p>(a) Determine the density and weight fraction of VOC in each cement from its formulation data or by analysis of the cement using Method 24.</p> <p>(b) Calculate the total mass of VOC used at the affected facility for the month (M_o) using the following equation:</p> $M_o = \sum_{i=1}^a L_{c(i)} \times D_{c(i)} \times W_{o(i)}$ <p>Where:</p> <p>a = the different number of cements used during the month L_c = volume of cement used during the for a month D_c = density of cement used W_o = weight fraction of VOC in a cement</p> <p>(c) Determine the total number of tires (T_o) cemented for the month.</p> <p>(d) Calculate the mass of VOC used per tire cemented for the month (G) using the following equation:</p> $G = \frac{M_o}{T_o}$ <p>(e) Calculate the mass of VOC emitted per tire cemented for the month (N):</p> $N = G$	<p>40 CFR §60.543(b)(4)</p> <p>40 CFR §60.543(d)(1)(2)(3)(i)(ii)(iii)(4)(5)</p>
Emission Monitoring	
<p>1. Emissions from these units shall be monitored through recordkeeping practices.</p>	N/A
Recordkeeping and Reporting Requirements	
<p>1. The facility shall maintain a record of VOC content of any cements or sprays used in this process. These records shall be kept in a</p>	Rule 335-3-16-.05(c)2.

Federally Enforceable Provisos**Regulations**

permanent form suitable for inspection and shall be made available to the permitting authority upon request. Each record shall be maintained for a period of five years from the date of generation.

2. The facility shall maintain a record of the facility-wide total VOC, individual HAP, and total HAP emissions calculated on a twelve (12) month rolling basis using a method approved by the Department. Records shall be maintained in a form suitable for inspection for a period of at least five (5) years.

Rule 335-3-16-.05(c)2.

3. During any month, twelve (12) month period, or other compliance period during which there is an exceedance of the tread-end VOC emission limit, the Department shall be notified in writing within ten (10) days of determining the exceedance. The notification shall include the following:

Rule 335-3-16-.05(c)2.

(a) Dates covered during the reporting period;

(b) Amount of VOC used during the reporting period;

(c) Amount of VOC emitted during the reporting period;

(d) Description of the cause of the exceedance; and

(e) Description of any corrective action taken.

4. A semi-annual Subpart BBB report shall be submitted to the Department according to the following schedule:

40 CFR §60.546(f)

Reporting Period	Date Due
September 1 st through February 28 th or 29 th	April 29 th
March 1 st through August 31 st	October 30 th

5. Each semi-annual Subpart BBB report shall include the following:

40 CFR §60.546(f)

(a) Facility name and address;

(b) Statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report as outline in General Proviso No. 9;

(c) Date of report and beginning and ending dates of the reporting period;

Federally Enforceable Provisos	Regulations						
<p>(d) A detailed description of each monthly average VOC emission rate that exceeds the VOC emission limit;</p> <p>(e) If no exceedance occurred during the reporting period, a statement that there were no deviations from the emission limitations.</p> <p>6. A semi-annual monitoring report shall be submitted to the Department according to the following schedule:</p> <table border="1" data-bbox="115 562 1122 758"> <thead> <tr> <th data-bbox="115 562 732 625">Reporting Period</th><th data-bbox="732 562 1122 625">Date Due</th></tr> </thead> <tbody> <tr> <td data-bbox="115 625 732 688">September 1st through February 28th or 29th</td><td data-bbox="732 625 1122 688">April 29th</td></tr> <tr> <td data-bbox="115 688 732 758">March 1st through August 31st</td><td data-bbox="732 688 1122 758">October 30th</td></tr> </tbody> </table>	Reporting Period	Date Due	September 1 st through February 28 th or 29 th	April 29 th	March 1 st through August 31 st	October 30 th	<p>Rule 335-3-16-.05(c)3.</p>
Reporting Period	Date Due						
September 1 st through February 28 th or 29 th	April 29 th						
March 1 st through August 31 st	October 30 th						
<p>7. Each semi-annual monitoring report shall include the following:</p> <p>(a) Facility-wide total VOC emissions calculated on a twelve (12) month rolling basis using a method approved by the Department.</p> <p>(b) Facility-wide total HAPs emissions calculated on a twelve (12) month rolling basis using a method approved by the Department.</p> <p>(c) Facility-wide individual HAP emissions calculated on a twelve (12) month rolling basis using a method approved by the Department.</p>	<p>Rule 335-3-16-.05(c)3.</p>						

Summary Page for Tire Building

Permitted

Operating Schedule: 24 Hrs/day x 7 Days/week x 52 Weeks/yr = 8,760 Hrs/yr

Emission limitations:

Emission Point #	Description	Pollutant	Emission Limit	Regulation
EU004	1 st and 2 nd Stage Tire Building	VOC	245 TPY Facility-wide	Rule 335-3-14-.04 (Anti-PSD)
		HAP	9.5 TPY of any single HAP; 24.5 TPY of any combination of HAPs Facility-wide	Rule 335-3-16-.05(a) (Anti-MACT)

Provisos for Tire Building

Federally Enforceable Provisos	Regulations
<p>Applicability</p> <ol style="list-style-type: none"> 1. These units are subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, “<i>Major Source Operating Permits</i>”. 2. These units have an enforceable limit in place in order to prevent them from being subject to the provisions of ADEM Admin. Code r. 335-3-14-.04, “<i>Air Permits Authorizing Construction in Clean Air Area [Prevention of Significant Deterioration]</i>”. 3. These units have enforceable limits in place in order to prevent them from being subject to the applicable requirements of 40 CFR 63 Subpart XXXX, “National Emissions Standards for Hazardous Air Pollutants for Rubber Tire Manufacturing”. 	<p>Rule 335-3-16-.03</p> <p>Rule 335-3-14-.04 (Anti-PSD)</p> <p>Rule 335-3-16-.05 (Anti-MACT)</p>
<p>Emission Standards</p> <ol style="list-style-type: none"> 1. Facility-wide Volatile Organic Compound (VOC) emissions shall not exceed 245 tons during any consecutive twelve (12) month period. 2. Facility-wide Hazardous Air Pollutant (HAP) emissions shall not exceed 9.5 tons of any single HAP and no more than 24.5 tons of any combination of HAPs during any consecutive twelve (12) month period. 	<p>Rule 335-3-14-.04</p> <p>Rule 335-3-16.05(a) (Anti-MACT)</p>
<p>Compliance and Performance Test Methods and Procedures</p> <ol style="list-style-type: none"> 1. Method 25A of 40 CFR 60, Appendix A, shall be used in the determination of volatile organic compound (VOC) emissions. 	<p>Rule 335-3-1-.05</p>
<p>Emission Monitoring</p> <ol style="list-style-type: none"> 1. Emissions from these units shall be monitored through recordkeeping practices. 	<p>N/A</p>
<p>Recordkeeping and Reporting Requirements</p> <ol style="list-style-type: none"> 1. The facility shall maintain records of the facility-wide total VOC, individual HAP and total HAP emissions calculated on a twelve (12) month rolling basis using a method approved by the Department. Records shall be maintained in a form suitable for inspection for a period of at least five (5) years. 2. A semi-annual monitoring report shall be submitted to the Department according to the following schedule: 	<p>Rule 335-3-16-.05(c)2.</p> <p>Rule 335-3-16-.05(c)3.</p>

Federally Enforceable Provisos**Regulations**

Reporting Period	Date Due
September 1 st through February 28 th or 29 th	April 29 th
March 1 st through August 31 st	October 30 th

3. Each semi-annual monitoring report shall include the following:
- (a) Facility-wide total VOC emissions calculated on a twelve (12) month rolling basis using a method approved by the Department.
 - (b) Facility-wide total HAPs emissions calculated on a twelve (12) month rolling basis using a method approved by the Department.
 - (c) Facility-wide individual HAP emissions calculated on a twelve (12) month rolling basis using a method approved by the Department.
 - (d) A statement certifying that all recordkeeping and reporting requirements were accomplished as required.

Rule 335-3-16-.05(c)3.

Summary Page for Curing

Permitted

Operating Schedule: 24 Hrs/day x 7 Days/week x 52 Weeks/yr = 8,760 Hrs/yr

Emission limitations:

Emission Point #	Description	Pollutant	Emission Limit	Regulation
EU005	Curing Presses and Green Tire Spraying Units 1, 4, 5, 6 and STS Unit	PM	$E = 3.59P^{0.62}$ (P<30 TPH) or $E = 17.31P^{0.16}$ (P>30 TPH)	Rule 335-3-4-.04(1)
		VOC	1.0% by weight (Green Tire Spray)	Rule 335-3-14-.04 (Anti-PSD) And 40 CFR §60.543(b)
		VOC	1.2 grams (0.0026 lb) of VOC per tire sprayed each month (Inside Green Tire Spray)	40 CFR §60.543(b)(i)
		VOC	9.3 grams (0.021 lb) of VOC per tire sprayed each month (Outside Green Tire Spray)	40 CFR §60.543(b)(ii)
		VOC	245 TPY Facility-wide	Rule 335-3-14-.04 (Anti-PSD)
		HAP	9.5 TPY of any single HAP; 24.5 TPY of any combination of HAPs Facility-wide	Rule 335-3-16-.05(a) (Anti-MACT)
		Opacity	20% (See General Proviso)	Rule 335-3-4-.01(1)

Provisos for Curing

Federally Enforceable Provisos	Regulations
Applicability	
1. These units are subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, <i>“Major Source Operating Permits”</i> .	Rule 335-3-16-.03
2. These units are subject to the applicable requirements of ADEM Admin. Code r. 335-3-4-.01(1), <i>“Control of Particulate Emissions – Visible Emissions”</i> , as described in General Proviso No. 29.	Rule 335-3-4-.01(1)
3. These units are subject to the applicable requirements of ADEM Admin. Code r. 335-3-4-.04(1), <i>“Control of Particulate Emissions for Process Industries – General”</i> , as described in General Proviso No. 31.	Rule 335-3-4-.04(1)
4. These units have an enforceable limit in place in order to prevent it from being subject to the provisions of ADEM Admin. Code r. 335-3-14-.04, <i>“Air Permits Authorizing Construction in Clean Air Areas [Prevention of Significant Deterioration]”</i> .	Rule 335-3-14-.04 (Anti-PSD)
5. The Green Tire Sprayers are subject to the applicable provision of 40 CFR 60 Subpart BBB, <i>“Standards of Performance for the Rubber Tire Manufacturing Industry”</i> .	Rule 335-3-10-.02(54) 40 CFR §60.540(a)
6. The green tire sprayers are subject to the applicable provisions of 40 CFR 60 Subpart A, <i>“General Provisions”</i> .	Rule 335-3-10-.02(1) 40 CFR §60.1(a)
7. These units have enforceable limits in place in order to prevent them from being subject to the applicable provisions of 40 CFR 63 Subpart XXXX, <i>“National Emissions Standards for Hazardous Air Pollutants for Rubber Tire Manufacturing”</i> .	Rule 335-3-16-.05 (Anti-MACT)
Emission Standards	
1. Facility-wide Hazardous Air Pollutant (HAP) emissions shall not exceed 9.5 tons of any single HAP and no more than 24.5 tons of any combination of HAPs during any consecutive twelve (12) month period.	Rule 335-3-16-.05(a) (Anti-MACT)
2. Facility-wide VOC emissions shall not exceed 245 tons during any consecutive twelve (12) month period.	Rule 335-3-14-.04 (Anti-PSD)
3. Volatile Organic Compound (VOC) content of the green tire spray shall not exceed 1.0% by weight.	Rule 335-3-14-.04 (Anti-PSD) 40 CFR §60.543(b)(4)

Federally Enforceable Provisos	Regulations
<ol style="list-style-type: none"> 4. Volatile Organic Compound (VOC) emissions from each inside green tire spraying operation where only water-based sprays are used shall not exceed 1.2 grams (0.0026 lb) of VOC per tire sprayed each month. 5. Volatile Organic Compound (VOC) emissions from each outside green tire spraying operation where only water-based sprays are used shall not exceed 9.3 grams (0.021 lb) of VOC per tire sprayed each month. 6. Visible emissions from these units shall not exceed the opacity limitations as specified in General Proviso No. 29. 7. Particulate matter (PM) emissions from these units shall not exceed that which is calculated using the process weight equation, as defined in ADEM Admin. Code r. 335-3-4-.04(1). 	<p>40 CFR §60.542(a)(5)(i)</p> <p>40 CFR §60.542(a)(5)(ii)</p> <p>Rule 335-3-4-.01(1)</p> <p>Rule 335-3-4-.04(1)</p>
Compliance and Performance Test Methods and Procedures	
<ol style="list-style-type: none"> 1. Formulation data or the results of Method 24 analyses for the water based sprays containing less than 1.0 percent VOC (by weight) shall be submitted to the Department annually, provided that the formula has not changed during the previous twelve (12) months. 	40 CFR §60.543(b)(4)
<ol style="list-style-type: none"> 2. Method 5 of 40 CFR 60, Appendix A, shall be used in the determination of particulate emissions. 	Rule 335-3-1-.05
<ol style="list-style-type: none"> 3. Method 9 of 40 CFR 60, Appendix A, shall be used in the determination of opacity. 	Rule 335-3-1-.05
Emission Monitoring	
<ol style="list-style-type: none"> 1. Visible emission checks shall be conducted weekly while each unit is in operation. If the observed instantaneous opacity is greater than ten (10%) percent at any time, a visible emissions observation shall be conducted within thirty (30) minutes of the observation in accordance with 40 CFR 60 Appendix A, Method 9 for a minimum of twelve (12) consecutive minutes. Whenever any visible emissions are observed, maintenance inspections and/or corrective action to reduce the visible emissions are to be initiated within two hours, followed by an additional observation to confirm the visible emissions have ceased. 	Rule 335-3-16-.05(c)1.
Recordkeeping and Reporting Requirements	
<ol style="list-style-type: none"> 1. The facility shall maintain a record of all inspections, including visible emissions checks, Method 9 observations, problems noted, and corrective actions taken, performed to satisfy the 	Rule 335-3-16-.05(c)2.

Federally Enforceable Provisos	Regulations
<p>requirements of periodic monitoring. Each record shall be maintained for a period of five years from the date of generation.</p>	
<p>2. The facility shall maintain a record of VOC content of any sprays used in this process. The records shall be kept in a permanent form suitable for inspection and shall be made available to the permitting authority upon request. Each record shall be maintained for a period of five years from the date of generation.</p>	<p>Rule 335-3-16-.05(c)2.</p>
<p>3. The facility shall maintain a record of the facility-wide total VOC, individual HAP, and total HAP emissions calculated on a twelve (12) month rolling basis using a method approved by the Department. Records shall be maintained in a form suitable for inspection for a period of at least five (5) years.</p>	<p>Rule 335-3-16-.05(c)2.</p>
<p>4. Green Tire Spray formulation data shall be submitted to the Department within sixty (60) days of end of each calendar year provided that the spray formulation has not changed in the previous twelve (12) months.</p>	<p>40 CFR §60.546(j)</p>
<p>5. If the spray formulation changes before the end of the annual twelve (12) month reporting period, formulation data or Method 24 analysis results shall be reported to the Department within thirty (30) days of the change.</p>	<p>40 CFR §60.546(j)</p>
<p>6. During any month, twelve (12) month period, or other compliance period during which there is an exceedance of the green tire spray VOC emission limit, the Department shall be notified in writing within ten (10) days of determining the exceedance. The notification shall include the following:</p> <ul style="list-style-type: none"> (a) Dates covered during the reporting period; (b) Amount of VOC used during the reporting period; (c) Amount of VOC emitted during the reporting period; (d) Description of the cause of the exceedance; and (e) Description of any corrective action taken. 	<p>Rule 335-3-16-.04(c)2.</p>
<p>7. A semi-annual monitoring report shall be submitted to the Department according to the following schedule:</p>	<p>Rule 335-3-16-.04(c)3.</p>

Federally Enforceable Provisos**Regulations**

Reporting Period	Date Due
September 1 st through February 28 th or 29 th	April 29 th
March 1 st through August 31 st	October 30 th

8. Each semi-annual monitoring report shall contain the following:
- (a) Facility-wide total VOC emissions calculated on a twelve (12) month rolling basis using a method approved by the Department.
 - (b) Facility-wide total HAPs emissions calculated on a twelve (12) month rolling basis using a method approved by the Department.
 - (c) Facility-wide individual HAP emissions calculated on a twelve (12) month rolling basis using a method approved by the Department.
 - (d) A statement certifying that all recordkeeping and reporting requirements were accomplished as required.

Rule 335-3-16-.04(c)3.

Summary Page for Finishing

Permitted

Operating Schedule: 24 Hrs/day x 7 Days/week x 52 Weeks/yr = 8,760 Hrs/yr

Emission limitations:

Emission Point #	Description	Pollutant	Emission Limit	Regulation
EU006	After Cure Repair Solvent Usage	PM	$E=3.59P^{0.62}$ (P<30 TPH) or $E=17.31P^{0.16}$ (P>30 TPH)	Rule 335-3-4-.04(1)
		VOC	245 TPY Facility-wide	Rule 335-3-14-.04 (Anti-PSD)
		HAP	9.5 TPY of any single HAP; 24.5 TPY of any combination of HAPs Facility-wide	Rule 335-3-16-.05(a) (Anti-PSD)
		Opacity	20% (See General Provisions)	Rule 335-3-4-.01(1)

Provisos for Finishing

Federally Enforceable Provisos	Regulations
Applicability	
1. These units are subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, <i>“Major Source Operating Permits”</i> .	Rule 335-3-16-.03
2. These units are subject to the applicable requirements of ADEM Admin. Code r. 335-3-4-.01(1), <i>“Control of Particulate Emissions – Visible Emissions”</i> , as described in General Proviso No. 29.	Rule 335-3-4-.01(1)
3. These units are subject to the applicable requirements of ADEM Admin. Code r. 335-3-4-.04(1), <i>“Control of Particulate Emissions for Process Industries – General”</i> , as described in General Proviso No. 31.	Rule 335-3-4-.04(1)
4. These units have an enforceable limit in place in order to prevent them from being subject to the provisions of ADEM Admin. Code r. 335-3-14-.04, <i>“Air Permits Authorizing Construction in Clean Air Areas [Prevention of Significant Deterioration]</i> .	Rule 335-3-14-.04 (Anti-PSD)
5. These units have enforceable limits in place in order to prevent them from being subject to the applicable provisions of 40 CFR 63 Subpart XXXX, <i>“National Emissions Standards for Hazardous Air Pollutants for Rubber Tire Manufacturing”</i> .	Rule 335-3-16-.05 (Anti-MACT)
Emission Standards	
1. Particulate matter emissions from these units shall not exceed that which is calculated using the process weight equation, as defined in ADEM Admin. Code r. 335-3-4-.04(1).	Rule 335-3-4-.04(1)
2. Facility-wide Volatile Organic Compound (VOC) emissions shall not exceed 245 tons during any consecutive twelve (12) month period.	Rule 335-3-14-.04 (Anti-PSD)
3. Visible emissions from these units shall not exceed the opacity limitations as specified in General Proviso No. 29.	Rule 335-3-4-.01(1)
Compliance and Performance Test Methods and Procedures	
1. Method 5 of 40 CFR 60, Appendix A, shall be used in the determination of particulate emissions.	Rule 335-3-1-.05
2. Method 9 of 40 CFR 60, Appendix B, shall be used in the determination of opacity.	Rule 335-3-1-.05
Emission Monitoring	

Federally Enforceable Provisos**Regulations**

1. Visible emission checks shall be conducted weekly while each unit is in operation. If the observed instantaneous opacity is greater than ten (10%) percent at any time, a visible emissions observation shall be conducted within **thirty (30) minutes** of the observation in accordance with 40 CFR 60 Appendix A, Method 9 for a minimum of twelve (12) consecutive minutes. Whenever any visible emissions are observed, maintenance inspections and/or corrective action to reduce the visible emissions are to be initiated within two hours, followed by an additional observation to confirm the visible emissions have ceased.

Rule 335-3-16-.05(c)1.

Recordkeeping and Reporting Requirements

1. The facility shall maintain a record of all inspections, including visible emissions checks, Method 9 observations, problems noted, and corrective actions taken, performed to satisfy the requirements of periodic monitoring. Each record shall be maintained for a period of five years from the date of generation.
2. The facility shall maintain a record documenting date of a shutdown of the system, cause of the shutdown, and any corrective actions required, all inspections, including visible emissions checks, Method 9 observations, pressure differential readings, problems noted, and corrective actions taken, performed to satisfy the requirements of periodic monitoring. Each record shall be maintained for a period of five years from the date of generation.
3. The facility shall maintain a record of the facility-wide total VOC emissions calculated on a twelve (12) month rolling basis using a method approved by the Department. Records shall be maintained in a form suitable for inspection for a period of at least five (5) years.
4. A semi-annual monitoring report shall be submitted to the Department according to the following schedule:

Rule 335-3-16-.05(c)2.

Rule 335-3-16-.05(c)2.

Rule 335-3-16-.05(c)2.

Rule 335-3-16-.05(c)3.

Reporting Period	Date Due
September 1 st through February 28 th or 29 th	April 29 th
March 1 st through August 31 st	October 30 th

5. Each semi-annual report shall contain the following information:
 - (a) A description of every instance in which corrective action was required to be performed on any unit. This description shall include time, date, observed pressure drop, cause of the

Rule 335-3-16-.05(c)3.

Federally Enforceable Provisos**Regulations**

increased or decreased pressure drop, and the corrective action taken.

- (b) A statement certifying that all required monitoring, recordkeeping, and reporting requirements were accomplished as required.

6. A semi-annual monitoring report shall be submitted to the Department according to the following schedule:

Reporting Period	Date Due
September 1 st through February 28 th or 29 th	April 29 th
March 1 st through August 31 st	October 30 th

7. Each semi-annual monitoring report shall contain the following:

- (a) Facility-wide total VOC emissions calculated on a twelve (12) month rolling basis using a method approved by the Department.
- (b) A statement certifying that all recordkeeping and reporting requirements were accomplished as required.

Rule 335-3-16-.05(c)3.

Rule 335-3-16-.05(c)3.

Summary Page for Boilers (Appendix A)

Permitted

Operating Schedule: 24 Hrs/day x 7 Days/week x 52 Weeks/yr = 8,760 Hrs/yr

Emission limitations:

Emission Point #	Description	Pollutant	Emission Limit	Regulation
See Appendix A	One (1) 63.4 MMBtu/hr Natural Gas Fired Boiler, Two (2) 80 MMBtu/hr Natural Gas Fired Boilers	PM	$E=1.38(H)^{-0.44}$	Rule 335-3-4-.03
		VOC	N/A	N/A
		SO ₂	N/A	N/A
		NO _x	N/A	N/A
		CO	N/A	N/A
		Opacity	20% (See General Provisions)	Rule 335-3-4-.01(1)

Provisos for Boilers (Appendix A)

Federally Enforceable Provisos	Regulations
Applicability	
1. These sources are subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, <i>“Major Source Operating Permits”</i> .	Rule 335-3-16-.03
2. These sources are subject to the applicable requirements of ADEM Admin. Code r. 335-3-4-.01(1), <i>“Control of Particulate Emissions – Visible Emissions”</i> , as described in General Proviso No. 29.	Rule 335-3-4-.01(1)
3. These sources are subject to the applicable requirements of ADEM Admin. Code r. 335-3-4-.03(1), <i>“Control of Particulate Emissions – Fuel Burning Equipment”</i> , as described in General Proviso No. 30.	Rule 335-3-4-.03(1)
4. These sources are subject to the applicable requirements of ADEM Admin. Code r. 335-3-5-.01, <i>“Control of Sulfur Compound Emissions – Fuel Combustion”</i> .	Rule 335-3-5-.01
5. These sources have enforceable limits in place in order to prevent them from being subject to the applicable requirements of 40 CFR Part 63, Subpart DDDDD, <i>“National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters”</i> .	Rule 335-3-16-.05 (Anti-MACT)
Emission Standards	
1. Particulate matter (PM) emissions from each boiler shall not exceed that which is calculated using the equation listed in ADEM Admin. Code r. 335-3-4-.03(1).	Rule 335-3-4-.03(1)
2. Sulfur dioxide (SO ₂) emissions from the boilers shall not exceed 4.0 lb/MMBtu.	Rule 335-3-5-.01(1)
3. These units shall combust natural gas only.	Rule 335-3-14-.04 (PSD/BACT)
4. Visible emissions from the boilers shall not exceed the opacity limitations as specified in General Proviso No. 29.	Rule 335-3-4-.01(1)
Compliance and Performance Test Methods and Procedures	
1. Method 5 of 40 CFR 60, Appendix A, shall be used in the determination of particulate emissions.	Rule 335-3-1-.05
2. Method 6 of 40 CFR 60, Appendix A, shall be used in the determination of sulfur dioxide (SO ₂) emissions.	Rule 335-3-1-.05

Federally Enforceable Provisos	Regulations
3. Method 7E of 40 CFR 60, Appendix A, shall be used in the determination of nitrogen oxide (NO _x) emissions.	Rule 335-3-1-.05
4. Method 9 of 40 CFR 60, Appendix A, shall be used in the determination of opacity.	Rule 335-3-1-.05
5. Method 10 of 40 CFR 60, Appendix A, shall be used in the determination of carbon monoxide (CO) emissions	Rule 335-3-1-.05
6. Method 25A of 40 CFR 60, Appendix A shall be used in determination of volatile organic compound (VOC) emissions.	Rule 335-3-1-.05
Emission Monitoring	
1. Emissions from these units shall be monitored through recordkeeping practices.	N/A
Recordkeeping and Reporting Requirements	
1. The facility shall maintain a record of all inspections, including problems noted, and corrective actions taken, performed to satisfy the requirements of periodic monitoring. Each record shall be maintained for a period of five years from the date of generation.	Rule 335-3-16-.05(c)2.

Summary Page for Emergency Generators

Permitted

Operating Schedule: 24 Hrs/day x 7 Days/week x 52 Weeks/yr = 8,760 Hrs/yr

Emission limitations:

Emission Point #	Description	Pollutant	Emission Limit	Regulation
See Appendix B	80 kW Emergency Generator (Subject to only Subpart ZZZZ)	PM	N/A	N/A
		SO ₂	N/A	N/A
		NO _x	N/A	N/A
		CO	N/A	N/A
		VOC	N/A	N/A
		Opacity	See General Provisos	Rule 335-3-4-.01(1)
See Appendix B	25 kW Emergency Generator (Subject to Subpart JJJJ and Subpart ZZZZ)	PM	N/A	N/A
		SO ₂	N/A	N/A
		NO _x + HC	10 g/HP-hr	40 CFR §60.4233(d) Table 1 of Subpart JJJJ
		CO	387 g/HP-hr	40 CFR §60.4233(d) Table 1 of Subpart JJJJ
		VOC	N/A	N/A
		Opacity	See General Provisos	Rule 335-3-4-.01(1)
See Appendix B	Diesel Fired Pump A Engine (Subject to Subpart IIII and Subpart ZZZZ)	PM	0.20 g/kW-hr	40 CFR §60.4205(c) Table 4 of Subpart IIII
		SO ₂	N/A	N/A
		NO _x + NMHC	4.0 g/kW-hr	40 CFR §60.4205(c) Table 4 of Subpart IIII
		CO	N/A	N/A
		VOC	N/A	N/A
		Opacity	See General Provisos	Rule 335-3-4-.01(1)
See Appendix B		PM	0.20 g/kW-hr	40 CFR §60.4205(c) Table 4 of Subpart IIII

	Diesel Fired Pump B Engine (Subject to Subpart IIII and Subpart ZZZZ)	SO ₂	N/A	N/A
		NO _x + NMHC	4.0 g/kW-hr	40 CFR §60.4205(c) Table 4 of Subpart IIII
		CO	N/A	N/A
		VOC	N/A	N/A
		Opacity	20% (See General Provisions)	Rule 335-3-4-.01(1)

Provisos for Emergency Generators

Federally Enforceable Provisos	Regulations
Applicability	
1. These sources are subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, “ <i>Major Source Operating Permits</i> ”.	Rule 335-3-16-.03
2. These sources are subject to the applicable requirements of ADEM Admin. Code r. 335-3-4-.01(1), “ <i>Control of Particulate Emissions – Visible Emissions</i> ”, as described in General Proviso No. 29.	Rule 335-3-4-.01(1)
3. These sources are subject to the applicable requirements of 40 CFR 63 Subpart ZZZZ, “ <i>National Emission Standards for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines (RICE)</i> ”.	40 CFR §63.6585
4. These sources are subject to the applicable requirements of 40 CFR 63 Subpart A, “ <i>General Provisions</i> ” as listed in Table 8 of Subpart ZZZZ.	40 CFR §63.6665
5. Fire Pump A and Fire Pump B are subject to the applicable requirements of 40 CFR 60 Subpart III, “ <i>Standards of Performance for Compression Ignition Internal Combustion Engines</i> ”.	Rule 335-3-10-.02(87) 40 CFR §60.4200(a)(2)(ii)
6. Fire Pump A and Fire Pump B are subject to the applicable requirements of 40 CFR 60 Subpart A, “ <i>General Provisions</i> ” as listed in Table 8 of Subpart III.	Rule 335-3-10-.02(1) 40 CFR §60.4218
7. The 25 kW Warehouse Generator is subject to the applicable requirements of 40 CFR 60 Subpart JJJJ, “ <i>Standards of Performance for Stationary Spark Ignition Internal Combustion Engines</i> .”	Rule 335-3-10-.02(88) 40 CFR §60.4230(a)(4)(iv)
8. The 25 kW Warehouse Generator is subject to the applicable requirements of 40 CFR 60 Subpart A, “ <i>General Provisions</i> ” as listed in Table 8 of Subpart JJJJ.	Rule 335-3-10-.02(1) 40 CFR §60.4246
Emission Standards	
1. The Permittee must operate and maintain these units according to the manufacturer’s emission-related written instructions or develop a maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.	40 CFR §63.6625(e)(2)

Federally Enforceable Provisos	Regulations
2. Particulate matter (PM) emissions from the Fire Pump A and B engines shall not exceed 0.20 g/kW-hr.	40 CFR §60.4205(c) Table 4 of Subpart IIII
3. Nitrogen oxide (NO _x) + nonmethane hydrocarbon (NMHC) emissions from the Fire Pump A and B engines shall not exceed 4.0 g/kW-hr.	40 CFR §60.4205(c) Table 4 of Subpart IIII
4. Nitrogen oxide (NO _x) + hydrocarbon (HC) emissions from the 25 kW Warehouse engine shall not exceed 10 g/HP-hr.	40 CFR §60.4233(d) Table 1 of Subpart JJJJ
5. Carbon Monoxide (CO) emissions from the 25 kW Warehouse engine shall not exceed 387 g/HP-hr.	40 CFR §60.4233(d) Table 1 of Subpart JJJJ
6. Visible emissions from these units shall not exceed the opacity limitations as specified in General Proviso No. 29.	Rule 335-3-4-.01(1)
7. Fire Pumps A and B and the 80 kW Boiler House engine must use diesel fuel that meets the requirements of 40 CFR 80.510(b).	40 CFR §60.4207(b) 40 CFR §63.6604(b)
Compliance and Performance Test Methods and Procedures	
1. Method 5 of 40 CFR 60, Appendix A, shall be used in the determination of particulate emissions.	Rule 335-3-1-.05
2. Method 9 of 40 CFR 60, Appendix A, shall be used in the determination of opacity.	Rule 335-3-1-.05
3. Method 7E of 40 CFR 60, Appendix A shall be used in determination of nitrogen oxide (NO _x) emissions.	Rule 335-3-1-.05
4. Method 10 of 40 CFR 60, Appendix A, shall be used in the determination of carbon monoxide (CO) emissions.	Rule 335-3-1-.05
Emission Monitoring	
1. The Permittee shall perform the following activities for the boiler house engine as listed in Table 2d of 40 CFR 63 Subpart ZZZZ: (a) Change oil and filter every 500 hours of operation or annually, whichever comes first, or utilize an oil analysis program as described in 40 CFR §63.6625(i) or (j). (b) Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first; (c) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace, as necessary.	40 CFR §63.6603(a)

Federally Enforceable Provisos	Regulations
2. If an oil analysis program is utilized for the boiler house engine, the Permittee must perform the oil analysis at the same frequency specified above for changing the oil. The Permittee must at a minimum analyze the following parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Base Number is less than 30 percent of the Total Base Number of the oil when new, viscosity of the oil when new, viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new, or percent water content (by volume) is greater than 0.5. If any of the limits are exceed, the Permittee must change the oil within 2 business days of receiving the results of the analysis or before commencing operation, whichever is later.	40 CFR §63.6625(i)
3. If an oil analysis program is utilized for the boiler house engine, the Permittee must perform the oil analysis at the same frequency specified above for changing the oil. The Permittee must at a minimum analyze the following parameters: Total Acid Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Acid Number increases by more than 3.0 milligram of potassium hydroxide (KOH) per gram from the Total Acid Number of the oil when new, viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new, or percent water content (by volume) is greater than 0.5. If any of the limits are exceed, the Permittee must change the oil within 2 business days of receiving the results of the analysis or before commencing operation, whichever is later.	40 CFR §63.6625(j)
4. Fire Pump A and Fire Pump B must be certified according to the emission standards in Subpart IIII for the same model year and maximum engine power. Each unit must be installed and configured according to the manufacturer's emission-related specifications.	40 CFR §60.4211
5. The Permittee must install a non-resettable hour meter for each unit if one is not already installed.	40 CFR §63.6625(f) 40 CFR §60.4237(b) 40 CFR §60.4209(a)
6. These units may be operated for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State or local government, the manufacturer, the vendor, or the insurance company associated with the engine. Maintenance checks and readiness testing of these units are limited to 100 hours per year. There is no time limit on the use of these units in emergency situations. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that Federal, State, or local	40 CFR §63.6640(f) 40 CFR §60.4211(f) 40 CFR §60.4243(d)

Federally Enforceable Provisos	Regulations
<p>standards require maintenance and testing of emergency ICE beyond 100 hours per year. These units may operate up to 50 hours per year in non-emergency situations, but those 50 hours are counted towards the 100 hours per year provided for maintenance and testing. The 50 hours per year for non-emergency situations cannot be used for peak shaving or to generate income for a facility to supply power to an electric grid or otherwise supply non-emergency power as part of a financial arrangement with another entity. Any operation other than emergency operation, maintenance and testing, and operation in non-emergency situations for 50 hours per year, as permitted in 40 CFR 60 Subpart IIII, 40 CFR Subpart JJJJ, and 40 CFR 63 Subpart ZZZZ, is prohibited.</p>	
<p>Recordkeeping and Reporting Requirements</p>	
<p>1. The facility shall maintain a record of all inspections, including visible emissions checks, Method 9 observations, problems noted, and corrective actions taken, performed to satisfy the requirements of periodic monitoring. Each record shall be maintained for a period of five years from the date of generation.</p>	Rule 335-3-16-.05(c)2.
<p>2. The facility shall maintain a record of the parameters that are analyzed as part of the oil analysis program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine.</p>	40 CFR §63.6625(i)&(j)
<p>3. The facility must keep a record of the maintenance conducted on these units in order to demonstrate that you operated and maintained these units and after-treatment control device (if any) according to your own maintenance plan.</p>	40 CFR §63.6655(e)
<p>4. The facility shall maintain a record of the hours of operation of each engine that is recorded through the non-resettable hour meter. The facility must document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation. If the engines are used for demand response operation the owner or operator must keep records of the notification of the emergency situation, and the time the engine was operated as part of demand response. These records shall be maintained in a form suitable for inspection for a period of at least five (5) years.</p>	40 CFR §63.6655(f) 40 CFR §60.4214(b)
<p>5. If a unit is contractually obligated to be available for more than 15 hours per calendar year for the purposes specified in §60.4211(f)(2)(ii) and (iii) or that operates for the purposes specified in §60.4211(f)(3)(i), the Permittee must submit an annual report according to the requirements of §60.4214(d)(1) through (3).</p>	40 CFR §60.4214(d)

Federally Enforceable Provisos	Regulations
<p>6. The following records shall be maintained to demonstrate compliance with the requirements of Subpart JJJJ:</p> <ul style="list-style-type: none"> (a) All notifications submitted to comply with this subpart and all documentation supporting any notification. (b) All maintenance conducted on the engine. (c) Documentation from the manufacturer that the engine is certified to meet the emission standards. 	<p>40 CFR §60.4245(a)(1), (2), & (3)</p>

APPENDIX A

Natural Gas Boilers

Boiler Number	Rated Capacity (MMBtu/hr)
1	63.4
3	80.0
4	80.0

APPENDIX B

MACT Subpart ZZZZ, NSPS Subpart IIII, and NSPS Subpart JJJJ – Emergency Generators

<u>Source</u>	<u>HP</u>
Fire Pump A (Diesel)	282
Fire Pump B (Diesel)	399
80 KW Emergency Power Generator	107
25 kW Warehouse Generator	38.39