



SYNTHETIC MINOR OPERATING PERMIT

PERMITTEE: **SOUTHWIRE COMPANY, LLC**

FACILITY NAME: **SOUTHWIRE COMPANY - HEFLIN PLANT**

LOCATION: **6771 U.S. HIGHWAY 78 EAST, HEFLIN,
CLEBURNE COUNTY, AL**

PERMIT NUMBER	DESCRIPTION OF EQUIPMENT, ARTICLE, OR DEVICE
305-0003-X008	<u>CONTINUOUS VULCANIZATION LINES —</u> - Five (5) 1,800 lb/hr Continuous Vulcanization Extruders with 0.092 MMBtu/hr Burners (CV02, CV08, CV09, CV10, and CV11) - Three (3) 1,000 lb/hr Continuous Vulcanization Lines with 0.092 MMBtu/hr Burners (CV03, CV04, and CV05) <u>JACKET LINES —</u> - Six (6) 1,150 lb/hr Jacket Extrusion Lines with 0.092 MMBtu/hr Burners (JL04, JL05, JL06, JL07, JL08, and JL09)

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 OPERATE THE EQUIPMENT, DEVICE, OR OTHER ARTICLE DESCRIBED ABOVE.

ISSUANCE DATE: **MMMM DD, YYYY**

ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

305-0003-X008

PROVISOS

MMMM DD, YYYY

1. 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 shall be the Permittee's responsibility to comply with such rules.
2. This Permit is not transferable. Upon sale or legal transfer, the new owner or operator shall apply for a permit within 30 days.
3. A new permit application shall be made for new sources, replacements, alterations or design changes which may result in the issuance of, or an increase in the issuance of, air contaminants, or the use of which may eliminate or reduce or control the issuance of air contaminants.
4. The Permittee shall keep this Permit under file or on display at all times at the site where the facility for which the Permit is issued is located and shall make the Permit readily available for inspection by any or all persons who may request to see it.
5. 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 40 CFR Part 60, as the same may be amended or revised.
6. All air pollution control equipment shall be operated at all times while this process is operational. In the event of scheduled maintenance, unscheduled maintenance, or a breakdown of the pollution control equipment, the process shall be shut down as expeditiously as possible (unless this act and subsequent re-start would clearly cause greater emissions than continuing operations of the process for a short period). The Department shall be notified of all such events that exceed **one (1) hour** within 24 hours. The notification shall include all pertinent facts, including the duration of the process operating without the control device and the level of excess emissions which have occurred. Records of all such events, regardless of reporting requirements, shall be made and maintained for a period of five years. These records shall be available for inspection.
7. In case of shutdown of air pollution control equipment for scheduled maintenance for a period greater than **one (1) hour**, the intent to shut down shall be reported to the Air Division at least 24 hours prior to the planned shutdown, unless accompanied by the immediate shutdown of the emission source.
8. In the event there is a breakdown of equipment in such a manner as to cause increased emission of air contaminants for a period greater than **one (1) hour**, the person responsible for such equipment shall notify the Air Division within an additional 24 hours and provide a statement giving all pertinent facts, including the duration of the breakdown. The Air Division shall be notified when the breakdown has been corrected.
9. This process, including 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.
10. This Permit expires and the application is cancelled if construction has not begun within 24 months of the date of issuance of the Permit.
11. On completion of construction of the device(s) for which this Permit is issued, written notification of the fact is to be submitted to the Chief of the Air Division. The notification shall indicate whether the device(s) was constructed as proposed in the application. The device(s) shall not be operated until authorization to operate is granted by the Chief of the Air Division. Failure to notify the Chief of the Air Division of completion of construction and/or operation without authorization could result in revocation of this Permit.
12. Submittal 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 stack emission testing at any time.

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13. Additions and revisions to the conditions of this Permit will be made, if necessary, to ensure that the Department's air pollution control rules and regulations are not violated.
14. Nothing in this Permit or conditions thereto shall negate any authority granted to the Air Division pursuant to the Alabama Environmental Management Act or regulations issued thereunder.
15. The Air Division shall be notified in writing at least 10 working 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.
 - (a) To avoid problems concerning testing methods and procedures, the following shall be included with the notification letter.
 - (1) The date the test crew is expected to arrive, the date and time anticipated of the start of the first 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.
 - (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 procedure requires probe cleaning).
 - (3) A description of the process(es) to be tested, including the feed rate, any operating parameter used to control or influence the operations, and the rated capacity.
 - (4) A sketch or sketches showing sampling point locations and their relative positions to the nearest upstream and downstream gas flow disturbances.
 - (b) A pretest meeting may be held at the request of the source owner or the Department. The necessity for such a meeting and the required attendees will be determined on a case-by-case basis.
 - (c) All test reports shall be submitted to the Air Division within 60 days of the actual completion of the test, unless an extension of time is specifically approved by the Air Division.
16. Any performance tests required shall be conducted and data reduced in accordance with the test methods and procedures contained in each specific Permit condition unless the Director (1) specifies or approves, in specific cases, the use of a reference method with minor changes in methodology, (2) approves the use of an equivalent method, or (3) approves the use of an alternative method, the results of which he has determined to be adequate for indicating whether a specific source is in compliance.
17. Records will be maintained of the occurrence and duration of any startup, shutdown, or malfunction in the operation of the process equipment and any malfunction of the air pollution control equipment. These records will be kept in a permanent form suitable for inspection and will be retained for at least two years following the date of each occurrence.
18. This Permit is issued with the condition that, if 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.

19. Precautions shall be taken to prevent fugitive dust emanating from plant roads, grounds, stockpiles, screens, dryers, hoppers, ductwork, etc.
- 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:
 - 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;
 - by reducing the speed of vehicular traffic to a point below that at which dust emissions are created;
 - by paving; or
 - by the application of binders to the road surface at any time the road surface is found to allow the creation of dust emissions;
 - 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.
20. Precautions shall be taken by the Permittee and its personnel to ensure that no person shall ignite, cause to be ignited, permit to be ignited, or maintain any open fire in such a manner as to cause the Department's rules and regulations applicable to open burning to be violated.
21. In accordance with ADEM Admin. Code. r. 335-3-4-.01(1), except for one 6-minute period during any 60-minute period, no source shall discharge into the atmosphere particulate that results in an opacity greater than 20%, as determined by a 6-minute average. At no time shall sources discharge into the atmosphere particulate that results in an opacity greater than 40%, as determined by a 6-minute average. Opacity shall be determined by Method 9 of Appendix A-4 to 40 CFR Part 60.
22. In accordance with ADEM Admin. Code. r. 335-3-4-.04(1), no source shall cause the emission of particulate matter in any one hour in excess of the amount interpolated from the following process weight equation:
- $$E = 3.59 \times P^{0.62}$$
- where P = Process weight in tons per hour (ton/hr);
 $P < 30$; and
 E = Emissions in pounds per hour (lb/hr).
23. Should this facility, at any time, exceed the limits listed herein, the Permittee shall notify the Air Division within **two (2) working days** of determining that the exceedance occurred.
24. 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.
25. The issuance of this Permit does not convey any property rights of any sort, or any exclusive privilege.
26. Total hazardous air pollutant (HAP) emissions from the facility shall not exceed 24.5 tons per twelve month rolling period.
27. Individual HAP/acetophenone emissions shall not exceed 9.5 tons per twelve month rolling period.

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28. Volatile organic compound (VOC) emissions from the facility shall not exceed 95 tons per twelve month rolling period.
29. The Continuous Vulcanization Lines are subject to the following emission limits as specified:
- (a) CV02, CV03, CV04, CV05, CV08, CV09, CV10, and CV11:
 - (1) Particulate matter (PM) emissions shall not exceed that which is interpolated using the process weight equation in ADEM Admin. Code r. 335-3-4-.04(1) and Proviso §22.
 - (b) Each burner on the Continuous Vulcanization Lines (CV02, CV03, CV04, CV05, CV08, CV09, CV10, and CV11):
 - (1) PM emissions shall not exceed that which is defined in Table 4-1 to ADEM Admin. Code r. 335-3-4-.03(1).
 - (i) 0.5 lb/MMBtu
 - (2) Sulfur Dioxide (SO₂) emissions shall not exceed that which is defined in ADEM Admin. Code r. 335-3-5-.01(1) for Sulfur Dioxide Category II Counties.
 - (i) 4.0 lb/hr
30. The Jacket Lines are subject to the following emission limits as specified:
- (a) JL04, JL05, JL06, JL07, JL08, and JL09:
 - (1) PM emissions shall not exceed that which is interpolated using the process weight equation in ADEM Admin. Code r. 335-3-4-.04(1) and Proviso §22.
 - (b) Each burner on the Jacket Lines (JL04, JL05, JL06, JL07, JL08, and JL09):
 - (1) PM emissions shall not exceed that which is defined in Table 4-1 to ADEM Admin. Code r. 335-3-4-.03(1).
 - (i) 0.5 lb/MMBtu
 - (2) SO₂ emissions shall not exceed that which is defined in ADEM Admin. Code r. 335-3-5-.01(1) for Sulfur Dioxide Category II Counties.
 - (i) 4.0 lb/hr
31. If testing is required, the Permittee shall use the following methods:
- (a) PM emissions shall be determined by Method 5 of Appendix A-3 to 40 CFR Part 60.
 - (b) VOC emissions shall be determined by Method 18 of Appendix A-6 to 40 CFR Part 60, or Method 25, or 25A, or 25B of Appendix A-7 to 40 CFR Part 60, or other equivalent methods.
 - (c) HAP emissions shall be determined by Method 18 of Appendix A-6 to 40 CFR Part 60, or Method 320 of Appendix A to 40 CFR Part 63, or other equivalent methods.
 - (d) Opacity of visible emissions shall be determined by Method 9 of Appendix A-4 to 40 CFR Part 60.
 - (1) This method must be conducted by an observer that is certified and familiar with Method 9 procedures.
 - (2) Method 9 must be conducted during daylight hours.
 - (3) Method 9 observations shall be documented using an ADEM Visible Emissions Observations Report.
32. Within 12 months of permit issuance, the Permittee shall establish updated acetophenone, total HAP, and VOC emission factors for cross-linked polyethylene used in the CV Lines by conducting a performance test in accordance with the methods listed in Provisos §31(b) and §31(c).

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33. Should the facility implement the use of a different type of insulation, resin, etc. than what has previously been tested, the facility must conduct testing as required by Provisos §32 to determine the individual HAP, total HAP, and VOC emission factors within 12 months.
34. Compliance with Provisos §26, §27, and §28 must be demonstrated by maintaining the following records:
- (a) For each Continuous Vulcanization Line (CV02, CV03, CV04, CV05, CV08, CV09, CV10, and CV11):
 - (1) The monthly throughput of each type of insulation;
 - (2) The monthly acetophenone emissions;
 - (3) The monthly total HAP emissions; and
 - (4) The monthly VOC emissions.
 - (b) For each Jacket Line (JL04, JL05, JL06, JL07, JL08, and JL09):
 - (1) The monthly throughput of each type of insulation;
 - (2) The monthly individual HAP emissions;
 - (3) The monthly total HAP emissions; and
 - (4) The monthly VOC emissions.
 - (c) Facility-wide:
 - (1) Monthly and twelve month rolling acetophenone emissions;
 - (2) Monthly and twelve month rolling total HAP emissions; and
 - (3) Monthly and twelve month rolling VOC emissions.
35. Compliance with the opacity standards shall be demonstrated by maintaining a record of each deviation from the standards in Proviso §21.
- (a) This record must include the following:
 - (1) The cause of any visible emissions;
 - (2) The corrective actions taken;
 - (3) The Method 9, Visible Emissions Observation performed; and
 - (4) The date, time, and duration of the deviation.
36. All records (including all reports, notifications, and any additional supporting documentation) shall be maintained in a form suitable and readily available for expeditious review upon request for a period of at least 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.
37. A Semiannual Monitoring Report (SMR) shall be submitted to the Department by the 30th day following the end of each six-month period (January 1st through June 30th and July 1st through December 31st):
- (a) The SMR shall contain the following information:
 - (1) The insulation throughput in Provisos §34(a)(1) and §34(b)(1) for each month during the reporting period;
 - (2) The acetophenone emissions in Provisos §34(a)(2), §34(b)(2), and §34(c)(1) for each month during the reporting period;
 - (3) The total combined HAP emissions in Provisos §34(a)(3), §34(b)(3), and §34(c)(2) for each month during the reporting period;

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- (4) The VOC emissions in Provisos §34(a)(4), §34(b)(4), and §34(c)(3) for each month during the reporting period;
- (5) A summary of each deviation from any Permit requirement that occurred during the reporting period and corrective actions taken.
 - (i) If no deviations from any Permit requirements have occurred, the report shall state:
 - (A) "There were no deviations from any Permit requirements during the reporting period."



SYNTHETIC MINOR OPERATING PERMIT

PERMITTEE: **SOUTHWIRE COMPANY, LLC**

FACILITY NAME: **SOUTHWIRE COMPANY - HEFLIN PLANT**

LOCATION: **6771 U.S. HIGHWAY 78 EAST, HEFLIN,
CLEBURNE COUNTY, AL**

PERMIT NUMBER	DESCRIPTION OF EQUIPMENT, ARTICLE, OR DEVICE
305-0003-X009	<u>FIRE PUMP ENGINE NO. 1 —</u> 238 BHP NFPA Certified Diesel Emergency Fire Pump Engine No. 1 (FP01) <u>FIRE PUMP ENGINE NO. 2 —</u> 700 BHP NFPA Certified Diesel Emergency Fire Pump Engine No. 2 (FP02)

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 OPERATE THE EQUIPMENT, DEVICE, OR OTHER ARTICLE DESCRIBED ABOVE.

ISSUANCE DATE: **MMMM DD, YYYY**

ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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2. This Permit is not transferable. Upon sale or legal transfer, the new owner or operator shall apply for a permit within 30 days.
3. A new permit application shall be made for new sources, replacements, alterations or design changes which may result in the issuance of, or an increase in the issuance of, air contaminants, or the use of which may eliminate or reduce or control the issuance of air contaminants.
4. The Permittee shall keep this Permit under file or on display at all times at the site where the facility for which the Permit is issued is located and shall make the Permit readily available for inspection by any or all persons who may request to see it.
5. 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 40 CFR Part 60, as the same may be amended or revised.
6. All air pollution control equipment shall be operated at all times while this process is operational. In the event of scheduled maintenance, unscheduled maintenance, or a breakdown of the pollution control equipment, the process shall be shut down as expeditiously as possible (unless this act and subsequent re-start would clearly cause greater emissions than continuing operations of the process for a short period). The Department shall be notified of all such events that exceed **one (1) hour** within 24 hours. The notification shall include all pertinent facts, including the duration of the process operating without the control device and the level of excess emissions which have occurred. Records of all such events, regardless of reporting requirements, shall be made and maintained for a period of five years. These records shall be available for inspection.
7. In case of shutdown of air pollution control equipment for scheduled maintenance for a period greater than **one (1) hour**, the intent to shut down shall be reported to the Air Division at least 24 hours prior to the planned shutdown, unless accompanied by the immediate shutdown of the emission source.
8. In the event there is a breakdown of equipment in such a manner as to cause increased emission of air contaminants for a period greater than **one (1) hour**, the person responsible for such equipment shall notify the Air Division within an additional 24 hours and provide a statement giving all pertinent facts, including the duration of the breakdown. The Air Division shall be notified when the breakdown has been corrected.
9. This process, including 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.
10. This Permit expires and the application is cancelled if construction has not begun within 24 months of the date of issuance of the Permit.
11. On completion of construction of the device(s) for which this Permit is issued, written notification of the fact is to be submitted to the Chief of the Air Division. The notification shall indicate whether the device(s) was constructed as proposed in the application. The device(s) shall not be operated until authorization to operate is granted by the Chief of the Air Division. Failure to notify the Chief of the Air Division of completion of construction and/or operation without authorization could result in revocation of this Permit.
12. Submittal 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 stack emission testing at any time.

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13. Additions and revisions to the conditions of this Permit will be made, if necessary, to ensure that the Department's air pollution control rules and regulations are not violated.
14. Nothing in this Permit or conditions thereto shall negate any authority granted to the Air Division pursuant to the Alabama Environmental Management Act or regulations issued thereunder.
15. The Air Division shall be notified in writing at least 10 working 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.
 - (a) To avoid problems concerning testing methods and procedures, the following shall be included with the notification letter.
 - (1) The date the test crew is expected to arrive, the date and time anticipated of the start of the first 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.
 - (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 procedure requires probe cleaning).
 - (3) A description of the process(es) to be tested, including the feed rate, any operating parameter used to control or influence the operations, and the rated capacity.
 - (4) A sketch or sketches showing sampling point locations and their relative positions to the nearest upstream and downstream gas flow disturbances.
 - (b) A pretest meeting may be held at the request of the source owner or the Department. The necessity for such a meeting and the required attendees will be determined on a case-by-case basis.
 - (c) All test reports shall be submitted to the Air Division within 60 days of the actual completion of the test, unless an extension of time is specifically approved by the Air Division.
16. Any performance tests required shall be conducted and data reduced in accordance with the test methods and procedures contained in each specific Permit condition unless the Director (1) specifies or approves, in specific cases, the use of a reference method with minor changes in methodology, (2) approves the use of an equivalent method, or (3) approves the use of an alternative method, the results of which he has determined to be adequate for indicating whether a specific source is in compliance.
17. Records will be maintained of the occurrence and duration of any startup, shutdown, or malfunction in the operation of the process equipment and any malfunction of the air pollution control equipment. These records will be kept in a permanent form suitable for inspection and will be retained for at least two years following the date of each occurrence.
18. This Permit is issued with the condition that, if 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.

19. Precautions shall be taken to prevent fugitive dust emanating from plant roads, grounds, stockpiles, screens, dryers, hoppers, ductwork, etc.
- (a) 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:
- (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;
 - (2) by reducing the speed of vehicular traffic to a point below that at which dust emissions are created;
 - (3) by paving; or
 - (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;
- (b) 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.
20. Precautions shall be taken by the Permittee and its personnel to ensure that no person shall ignite, cause to be ignited, permit to be ignited, or maintain any open fire in such a manner as to cause the Department's rules and regulations applicable to open burning to be violated.
21. In accordance with ADEM Admin. Code. r. 335-3-4-.01(1), except for one 6-minute period during any 60-minute period, no source shall discharge into the atmosphere particulate that results in an opacity greater than 20%, as determined by a 6-minute average. At no time shall sources discharge into the atmosphere particulate that results in an opacity greater than 40%, as determined by a 6-minute average. Opacity shall be determined by Method 9 of Appendix A-4 to 40 CFR Part 60.
22. Should this facility, at any time, exceed the limits listed herein, the Permittee shall notify the Air Division within **two (2) working days** of determining that the exceedance occurred.
23. 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.
24. The issuance of this Permit does not convey any property rights of any sort, or any exclusive privilege.
25. The Permittee shall, at all times, operate and maintain any emissions source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions.
26. If a visual emissions observation is performed, the following requirements must be met:
- (a) Opacity of visible emissions shall be determined by Method 9 of Appendix A-4 to 40 CFR Part 60.
- (1) This method must be conducted by an observer that is certified and familiar with Method 9 procedures.
 - (2) Method 9 must be conducted during daylight hours.
 - (3) Method 9 observations shall be documented using an ADEM Visible Emissions Observations Report.

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27. The FP01 and FP02 engines are subject to the applicable requirements of 40 CFR Part 60, Subpart III, "*National Standards of Performance for Stationary Compression Ignition Internal Combustion Engines*" (NSPS III) [40 CFR §60.4200(a)(2)(ii)]. Compliance with NSPS III shall be met as follows:
- (a) These engines must comply with the applicable requirements of 40 CFR 60, Subpart A, "*General Provisions*" as specified in Table 8 of NSPS III [40 CFR §60.4218].
 - (b) These engines must be certified to the emission standards for the applicable model year and National Fire Protection Association (NFPA) nameplate. These engines shall be installed, configured, operated, and maintained according to the manufacturer's emission-related written instruction [40 CFR §60.4206 and §60.4211(c)].
 - (1) If at any time the FP01 engine does not meet the requirements of Proviso §27(b), or if the emission-related settings are changed in any way not permitted by the manufacturer, this engine shall demonstrate compliance with NSPS III through 40 CFR §60.4211(g)(2).
 - (2) If at any time the FP02 engine does not meet the requirements of Proviso §27(b), or if the emission-related settings are changed in any way not permitted by the manufacturer, this engine shall demonstrate compliance with NSPS III through 40 CFR §60.4211(g)(3).
 - (c) The FP01 and FP02 engines are subject to the following emission standards to demonstrate compliance with NSPS III [Table 4 in NSPS III, 40 CFR §60.4205(c)]:
 - (1) Emissions of NMHC+NO_x shall not exceed 4.0 g/kW-hr or 3.0g/HP-hr;
 - (2) Emissions of CO shall not exceed 3.5 g/kW-hr or 2.6g/HP-hr;
 - (3) Emissions of PM shall not exceed 0.20 g/kW-hr or 0.15g/HP-hr.
 - (4) The diesel fuel used by these engines must meet the requirements of 40 CFR §1090.305 for non-road diesel fuel as follows [40 CFR §60.4207]:
 - (i) The maximum sulfur content shall not exceed 15 parts per million (ppm).
 - (ii) The diesel fuel must meet one of the following:
 - (A) Have a minimum cetane index of 40;
 - OR
 - (B) Have a maximum aromatic content of 35 volume percent.

28. In order for FP01 and FP02 engines to be considered emergency stationary internal combustion engines (ICE), any operation other than emergency operation, maintenance and testing, and operation in non-emergency situations for 50 hours per year as described below, is prohibited [40 CFR §60.4211(f)].
- (a) If these engines are not operated in accordance with these requirements, the engines will not be considered emergency engines and will be required to meet all the requirements for non-emergency engines.
 - (b) There is no limit on the use of emergency engines in emergency situations.
 - (c) Emergency ICE may be operated for maintenance checks and readiness testing, provided that the tests are recommended by one of the specified authorities in 40 CFR §60.4211(f)(2)(i) for a maximum of 100 hours per calendar year. The facility 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 records are maintained proving that federal, state, or local standards require maintenance and testing of emergency engines beyond 100 hours per calendar year. Any operation for non-emergency situations specified below also counts toward the 100 hours per calendar year [40 CFR §60.4211(f)(2)].
 - (d) Emergency engines may be operated for up to 50 hours per calendar year in non-emergency situations. These 50 hours per calendar year for non-emergency situations cannot be used for peak shaving, non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity except as provided in 40 CFR §60.4211(f)(3)(i)(A) through (E).
29. If stack testing is required, the Permittee shall use the applicable test methods and procedures described in 40 CFR §60.4212 for emissions testing of FP01 and FP02.
30. Compliance with Proviso §28 must be demonstrated by maintaining records of the hours of operation for FP01 and FP02. These records must indicate whether the engine was operated in emergency or non-emergency service.
31. Compliance with the opacity standards shall be demonstrated by maintaining a record of each deviation from the standards in Proviso §26.
- (a) This record must include the following:
 - (1) The cause of any visible emissions;
 - (2) The corrective actions taken;
 - (3) The Method 9, Visible Emissions Observation performed; and
 - (4) The date, time, and duration of the deviation.
32. All records (including all reports, notifications, and any additional supporting documentation) shall be maintained in a form suitable and readily available for expeditious review upon request for a period of at least 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.