



State of Mississippi



FEDERALLY ENFORCEABLE AIR POLLUTION CONTROL PERMIT

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

THIS CERTIFIES

Camp Shelby Training Site
Highway 49 South
Camp Shelby, MS
Forrest County

has been granted permission to operate air emissions equipment in accordance with emission limitations, monitoring requirements and conditions set forth herein. This permit is issued in accordance with the Federal Clean Air Act and the provisions of the Mississippi Air and Water Pollution Control Law (Section 49-17-1 et. set., Mississippi Code of 1972), the regulations and standards adopted and promulgated thereunder, and the State Implementation Plan for operating permits for synthetic minor sources.

Mississippi Environmental Quality Permit Board

Mississippi Department of Environmental Quality

Issued/Modified: OCT 28 2013

Expires: SEP 30 2018

Permit No. 0800-00036

Agency Interest # 12010

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Subject Item Inventory

Permit Number:0800-00036

Activity ID No.: PER20130002

Subject Item Inventory:

ID	Designation	Description
AI12010	I2010	Mississippi Army National Guard Facility
AREA1	AB-001	Facility Wide Metal Working Operations including but not limited to one (1) bead blasting booth equipped with a dust collection system, welding, cutting, forming, and handling (REF AA-013, AA-015)
AREA2	AB-002	Facility Wide Miscellaneous Chemical Usage and Storage (REF AA-016)
AREA3	AB-003	Facility Wide Bulk Fuel Transfer Operations (REF AA-030)
AREA4	AB-004	Facility Wide Degreasing Units not to exceed 150 total units (REF AA-008)
AREA5	AB-005	Facility Wide Spray Painting Operations including but not limited to one (1) CSMS Paint Booth and two (2) RSMS Paint Booths (REF AA-004, AA-005)
AREA6	AB-006	CSMS Woodworking Operations equipped with a Baghouse that vents inside the shop (REF AA-003)
AREA7	AB-007	Facility Wide Engine Testing including but not limited to one (1) CSMS Engine Test Cell (1000 HP Dynamometer) and one (1) RSMS Engine Test Cell (1000 HP Dynamometer)
AREA8	AB-008	Facility Wide Natural Gas-Fired Combustion Units with a total combined capacity of less than 175.0 MMBtu/Hr (REF AA-006, AA-007)
AREA9	AB-009	Facility Wide Diesel/JP8 Fuel-Fired Combustion Units with a total combined capacity of less than 10.0 MMBtu/Hr (REF AA-008)
AREA10	AB-010	Facility Wide Butane-Fired Combustion Units with a total combined capacity of less than 2.0 MMBtu/Hr(REF AA-009)
AREA11	AB-011	Facility Wide Compression Ignition Stationary Reciprocating Internal Combustion Engines constructed prior to June 12, 2006 and having a horsepower (HP) rating greater than 500 HP, with a total combined capacity of less than 4.0 MMBtu/Hr. (REF AA-001)
AREA12	AB-012	Facility Wide Spark Ignition Stationary Reciprocating Internal Combustion Engines constructed prior to June 12, 2006 and having a horsepower (HP) rating less than 500 HP, with a total combined capacity of less than 2.0 MMBtu/Hr. (REF AA-001)
AREA13	AB-013	Facility Wide Compression Ignition Stationary Reciprocating Internal Combustion Engines constructed prior to June 12, 2006 and having a horsepower (HP) rating less than 500 HP, with a total combined capacity of less than 10.0 MMBtu/Hr. (REF AA-001)
AREA14	AB-014	Facility Wide Compression Ignition Stationary Reciprocating Internal Combustion Engines constructed after June 12, 2006 and having a horsepower (HP) rating greater than 500 HP, with a total combined capacity of less than 40.0 MMBtu/Hr. (REF AA-001)
AREA15	AB-015	Facility Wide Compression Ignition Stationary Reciprocating Internal Combustion Engines constructed after June 12, 2006 and having a horsepower (HP) rating less than 500 HP, with a total combined capacity of less than 25.0 MMBtu/Hr. (REF AA-001)
AREA16	AB-016	Facility Wide Mogas Storage including but not limited to two (2) 10,000 gallon storage tanks (REF AA-023, AA-024)
AREA17	AB-017	Facility Wide Gasoline Storage including but not limited to one (1) 2,000 gallon storage tank (REF AA-027)

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ID	Designation	Description
AREA18	AB-018	Facility Wide JP-8 Fuel Storage including but not limited to two (2) 126,000 gallon, one (1) 6,000 gallon, one (1) 4,000 gallon, and two (2) 2,000 gallon storage tanks (REF AA-019 AA-020, AA-025, AA-026, AA-028, AA-029)
AREA20	AB-019	Facility Wide Diesel Fuel Storage including but not limited to two (2) 5,000 gallon, one (1) 1,000 gallon, one (1) 420 gallon, and one (1) 100 gallon storage tank

Subject Item Groups:

ID	Description	Components
GRPT1	Stationary Reciprocating Internal Combustion Engines greater than 500 HP Subject to 40 CFR 63 Subpart ZZZZ	AREA11 Facility Wide Compression Ignition Stationary Reciprocating Internal Combustion Engines constructed prior to June 12, 2006 and having a horsepower (HP) rating greater than 500 HP, with a total combined capacity of less than 4.0 MMBtu/Hr. (REF AA-001)
GRPT2	Stationary Reciprocating Internal Combustion Engines less than 500 HP Subject to 40 CFR 63 Subpart ZZZZ	AREA12 Facility Wide Spark Ignition Stationary Reciprocating Internal Combustion Engines constructed prior to June 12, 2006 and having a horsepower (HP) rating less than 500 HP, with a total combined capacity of less than 2.0 MMBtu/Hr. (REF AA-001) AREA13 Facility Wide Compression Ignition Stationary Reciprocating Internal Combustion Engines constructed prior to June 12, 2006 and having a horsepower (HP) rating less than 500 HP, with a total combined capacity of less than 10.0 MMBtu/Hr. (REF AA-001)
GRPT3	Compression Ignition Internal Combustion Engines Subject to 40 CFR 60 Subpart IIII	AREA14 Facility Wide Compression Ignition Stationary Reciprocating Internal Combustion Engines constructed after June 12, 2006 and having a horsepower (HP) rating greater than 500 HP, with a total combined capacity of less than 40.0 MMBtu/Hr. (REF AA-001) AREA15 Facility Wide Compression Ignition Stationary Reciprocating Internal Combustion Engines constructed after June 12, 2006 and having a horsepower (HP) rating less than 500 HP, with a total combined capacity of less than 25.0 MMBtu/Hr. (REF AA-001)
GRPT6	Fuel Transfer Operations subject to 40 CFR Part 63 Subpart CCCCCC	AREA3 Facility Wide Bulk Fuel Transfer Operations (REF AA-030)

KEY

ACT = Activity

AREA = Area

CONT = Control Device

IA = Insignificant Activity

AI = Agency Interest

CAFO = Concentrated Animal Feeding Operation

EQPT = Equipment

MAFO = Animal Feeding Operation

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KEY

PCS = PCS

RPNT = Release Point

TRMT = Treatment

WDPT = Withdrawal Point

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AI0000012010 (12010) Mississippi Army National Guard Facility:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		The maximum opacity from any point source or emissions at any time shall not exceed 40% as determined by EPA Test Method 9, 40 CFR 60, Appendix A. This shall not apply to vision obscuration caused by uncombined water droplets. [11 Miss. Admin. Code Pt. 2, Ch. 1. 3.2]
L-2		The maximum discharge of sulfur oxides from each fuel burning installation in which the fuel is burned primarily to produce heat or power by indirect heat transfer shall not exceed 4.8 pounds (measured as sulfur dioxide) per million BTU heat input. [11 Miss. Admin. Code Pt. 2, Ch. 1. 4.1(a)]
L-3		The maximum permissible emission of ash and/or particulate matter from each fossil fuel burning installations of less than 10 million BTU per hour heat input shall not exceed 0.6 pounds per million BTU per hour heat input. [11 Miss. Admin. Code Pt. 2, Ch. 1. 3.4(a)1]
L-4		<p>Facility-Wide Emission Limitations</p> <p>The permittee shall limit Total Greenhouse Gas (GHG) emissions by limiting facility wide Carbon Dioxide Equivalent (CO₂e) emissions to no more than 90,000 tons/year (TPY) as determined for each consecutive 12-month period. For the purposes of this permit, CO₂e emissions shall be the limiting factor when determining compliance with Total GHG emissions limitations. To demonstrate compliance with the limitation, the permittee shall calculate the sum of facility wide CO₂e emissions emitted from each fuel burning type and by performing the aforementioned calculations to account for Carbon Dioxide (CO₂), Nitrous Oxide (N₂O), and Methane (CH₄).</p> <p>For the purposes of calculating CO₂e, Carbon Dioxide (CO₂) has a global warming potential of 1 (CO₂e/CO₂), Nitrous Oxide (N₂O) has a global warming potential of 21 (CO₂e/N₂O), and Methane (CH₄) has a global warming potential of 310 (CO₂e/CH₄). [11 Miss. Admin. Code Pt. 2, Ch. 2. II.B(10)]</p>
L-5		<p>Facility-Wide Emission Limitations</p> <p>The permittee shall limit volatile organic compound (VOC) emissions to no more than 90.0 tons/year (TPY) as determined for each consecutive 12-month period. [11 Miss. Admin. Code Pt. 2, Ch. 2. II.B(10)]</p>

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AI0000012010 (continued):

Limitation Requirements:

Condition No.	Parameter	Condition
L-6		Facility-Wide Emission Limitations The permittee shall limit hazardous air pollutant (HAP) emissions to no more than 9.0 tons/year (TPY) of any single HAP and no more than 24.0 TPY of total combined HAPs as determined for each consecutive 12-month period. [11 Miss. Admin. Code Pt. 2, Ch. 2. II.B(10)]
L-7		Facility-Wide Emission Limitations The permittee shall limit carbon monoxide (CO) emissions to no more than 90.0 tons per year as determined for each consecutive 12-month period. [11 Miss. Admin. Code Pt. 2, Ch. 2. II.B(10)]
L-8		Facility-Wide Emission Limitations The permittee shall limit nitrogen oxide (NOx) emissions to no more than 90.0 tons per year as determined for each consecutive 12-month period. [11 Miss. Admin. Code Pt. 2, Ch. 2. II.B(10)]

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		Monitoring Requirements To demonstrate compliance with the NOx, CO, and CO2e Emission Limits, the permittee shall determine and monitor for all fuel combustion equipment: (a) The quantity of fuel used (gallons) in each calendar month; (b) The total CO and NOx emissions (TPY) calculated for each consecutive 12 month period; (c) The total CO2e emissions (TPY) calculated for each consecutive 12 month period; (d) The rated capacity (MMBtu/Hr) and fuel type of each piece of fuel burning equipment. The permittee may utilize data supplied by the manufacturer. [11 Miss. Admin. Code Pt. 2, Ch. 2. II.B(11)]

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Monitoring Requirements:

Condition No.	Parameter	Condition
M-2		<p>Monitoring Requirements</p> <p>For the entire facility, the permittee shall determine for each coating, adhesive, solvent or other VOC or HAP containing material used:</p> <ul style="list-style-type: none">(a) The quantity used (gallons);(b) The percentage of VOCs by weight;(c) The percentage of each individual HAP and total HAP by weight;(d) The density (lbs/gal); <p>The permittee may utilize data supplied by the manufacturer, or analysis of VOC and HAP content by EPA Test Method 24, 40 CFR 60, Appendix A and/or EPA Test Method 311, 40 CFR 63, Appendix A, and/or an alternate EPA approved test method. [11 Miss. Admin. Code Pt. 2, Ch. 2. II.B(11)]</p>

Record-Keeping Requirements:

Condition No.	Condition
R-1	<p>Recordkeeping Requirements</p> <p>For the entire facility, the permittee shall maintain sufficient records for the natural gas, butane, diesel, and JP8 fired combustion equipment to document:</p> <ul style="list-style-type: none">(a) The quantity of fuel used (gallons) in each calendar month;(b) The total CO and NOx emissions (TPY) calculated for each consecutive 12 month period;(c) The total CO2e emissions (TPY) calculated for each consecutive 12 month period;(d) The rated capacity (MMBtu/Hr) and fuel type of each piece of fuel burning equipment. <p>These records must be kept in log form and made available for review upon request during any inspection visit by the Office of Pollution Control. [11 Miss. Admin. Code Pt. 2, Ch. 2. II.B(10)]</p>

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Record-Keeping Requirements:

Condition No.	Condition
R-2	<p>Recordkeeping Requirements</p> <p>For the entire facility, the permittee shall maintain sufficient records to document:</p> <p>(a) The identification of each coating, adhesive, solvent or other VOC or HAP containing material and the total gallons of each coating, adhesive, solvent or other VOC or HAP containing material used on a monthly basis and in each consecutive 12-month period;</p> <p>(b) The VOC and HAP content(s) of each coating, adhesive, solvent or other VOC or HAP containing material used. A description of the method used to determine the VOC and HAP content shall accompany this data;</p> <p>(c) The density of each coating, adhesive, solvent or other VOC or HAP containing material used;</p> <p>(d) The total VOC emission rate, the emission rate of each individual HAP and the total HAP emission rate in tons/yr for each consecutive 12-month period. [11 Miss. Admin. Code Pt. 2, Ch. 2. II.B(10)]</p>
R-3	<p>Recordkeeping Requirements</p> <p>For Emission Point AB-007 (Facility Wide Engine Testing), the permittee shall maintain records of the hours of operation for each month for each engine test cell. [11 Miss. Admin. Code Pt. 2, Ch. 2. II.B(11)]</p>
R-4	<p>Recordkeeping Requirements</p> <p>The permittee shall maintain copies of all records and reports on site for at least five (5) years and shall make them available upon request by Mississippi Department of Environmental Quality (MDEQ) personnel. [11 Miss. Admin. Code Pt. 2, Ch. 2. II.B(10)]</p>

Submittal/Action Requirements:

Condition No.	Condition
S-1	<p>For the entire facility, the permittee shall submit a monitoring report due annually by the 31st of January for the preceding calendar year. This report shall provide the following for all fuel combusted:</p> <p>(a) The quantity of fuel used (gallons) in each calendar month;</p> <p>(b) The total CO and NOx emissions (TPY) calculated for each consecutive 12 month period;</p> <p>(c) The total CO2e emissions (TPY) calculated for each consecutive 12 month period;</p> <p>(d) The rated capacity (MMBtu/Hr) and fuel type of each piece of fuel burning equipment. [11 Miss. Admin. Code Pt. 2, Ch. 2. II.B(11)]</p>

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Submittal/Action Requirements:

Condition No.	Condition
S-2	For the entire facility, the permittee shall submit a monitoring report due annually by the 31st of January for the preceding calendar year. This report shall provide the following: (a) The identification of each coating, adhesive, solvent or other VOC or HAP containing material used; (b) The VOC and HAP content(s) of each coating, adhesive, solvent, or other VOC or HAP containing material used; (c) The total gallons of each coating, adhesive, solvent or other VOC or HAP containing material used in each consecutive 12-month period; (d) The total VOC emission rate, the emission rate of each individual HAP and the total HAP emission rate in tons per month and TPY for each consecutive 12-month period. [11 Miss. Admin. Code Pt. 2, Ch. 2. II.B(11)]
S-3	For Emission Point AB-007 (Facility Wide Engine Testing), the permittee shall submit annual reports to the permitting authority summarizing the total hours of operation for each engine test cell for each consecutive 12-month period. [11 Miss. Admin. Code Pt. 2, Ch. 2. II.B(11)]
S-4	General Condition: Except as otherwise specified herein, the permittee shall report all deviations from permit requirements, including those attributable to upsets, the probable cause of such deviations, and any corrective actions or preventive measures taken. Said report shall be made within five (5) working days of the time the deviation began. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).]

Narrative Requirements:

General Monitoring, Recordkeeping & Reporting Requirement:

Condition No.	Condition
T-1	General Monitoring, Recordkeeping & Reporting Requirement: For Emission Points AB-001, AB-005, AB-006, and AB-007, regular maintenance shall be performed to maintain proper operation of the pollution control equipment. The permittee shall maintain on hand at all times sufficient equipment as is necessary to repair and/or overhaul the pollution control equipment. In the event of a failure of the pollution control equipment, the permittee shall cease operation until such time as repairs are made and the proper efficiency of the pollution control equipment is restored. [11 Miss. Admin. Code Pt. 2, Ch. 2. II.B(10)]

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AI0000012010 (continued):

Narrative Requirements:

Condition No.	Condition
T-2	General Condition: Any activities not identified in the application are not authorized by this permit. [Miss. Code Ann. 49-17-29 1.b]
T-3	General Condition: The permittee shall at all times maintain in good working order and operate as efficiently as possible all air pollution control facilities or systems installed or used by the permittee to achieve compliance with the terms and conditions of this permit. [11 Miss. Admin. Code Pt. 2, R. 2.5.A.]
T-4	General Condition: Solids removed in the course of control of air emissions shall be disposed of in a manner such as to prevent the solids from becoming windborne and to prevent the materials from entering state waters without the proper environmental permits. [Miss. Code Ann. 49-17-29 1.a(i and ii)]
T-5	General Condition: Any diversion from or bypass of collection and control facilities is prohibited except as provided for in 11 Miss. Admin. Code Pt.2, R. 1.10, "Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants", [11 Miss. Admin.Code Pt. 2, R.1.10.]
T-6	General Condition: Should the Executive Director of the Mississippi Department of Environmental Quality declare an Air Pollution Emergency Episode, the permittee will be required to operate in accordance with the permittee's previously approved Emissions Reduction Schedule. [11 Miss. Admin.Code Pt. 2, R.2.10.]
T-7	<p>General Condition: The permittee shall allow the Mississippi Department of Environmental Quality Office of Pollution Control and the Mississippi Environmental Quality Permit Board and/or their authorized representatives, upon the presentation of credentials:</p> <p>(a) To enter upon the permittee's premises where an air emission source is located or in which any records are required to be kept under the terms and conditions of this permit, and</p> <p>(b) At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit; to inspect any monitoring equipment or monitoring method required in this permit; and to sample any air emission. [Miss. Code Ann. 49-17-21]</p>
T-8	<p>General Condition: After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to:</p> <p>(a) Violation of any terms or conditions of this permit</p> <p>(b) Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or</p> <p>(c) A change in any condition that required either a temporary or permanent reduction or elimination of authorized air emissions. [11 Miss. Admin.Code Pt. 2, R. 2.2.C.]</p>

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AI0000012010 (continued):

Narrative Requirements:

Condition No.	Condition
T-9	General Condition: This permit and/or any part thereof may be modified, revoked, reopened, and reissued, or terminated for cause. Sufficient cause for this permit to be reopened shall exist when an air emissions stationary source becomes subject to Title V. 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 does not stay any condition of the permit. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(b).]
T-10	General Condition: Except for data determined to be confidential under the Mississippi Air & Water Pollution Control Law, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Mississippi Department of Environmental Quality Office of Pollution Control. [Miss. Code Ann. 49-17-39]
T-11	General Condition: The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State, or local laws or regulations. [11 Miss. Admin.Code Pt. 2, R. 2.2.B(15)(c).]
T-12	General Condition: Nothing herein contained shall be construed as releasing the permittee from any liability for damage to persons or property by reason of the installation, maintenance, or operation of the air cleaning facility, or from compliance with the applicable statutes of the State, or with local laws, regulations, or ordinances. [11 Miss. Admin.Code Pt. 2, R. 2.2.B(7).]
T-13	General Condition: This permit may only be transferred upon approval of the Mississippi Environmental Quality Permit Board. [11 Miss. Admin. Code Pt. 2, R. 2.16.B.]
T-14	General Condition: This permit is for air pollution control purposes only. [11 Miss. Admin.Code Pt. 2, R. 2.1.D(1).]
T-15	General Condition: This permit is a Federally-approved permit to operate a synthetic minor source as described in 11 Miss. Admin. Code Pt. 2, R. 2.4.D [11 Miss. Admin.Code Pt. 2, R. 2.4.D.]
T-16	General Condition: The provisions of this permit are severable. If any provision of this permit, or the application of any provision of this permit to any circumstances, is challenged or held invalid, the validity of the remaining permit provisions and/or portions thereof or their application to other persons or sets of circumstances, shall not be affected thereby. [11 Miss. Admin.Code Pt. 2, R. 2.1.D(7).]

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AI0000012010 (continued):

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Condition No.	Condition
T-17	General Condition: The permittee shall furnish to MDEQ within a reasonable time any information MDEQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to MDEQ copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee shall furnish such records to MDEQ along with a claim of confidentiality. [11 Miss. Admin.Code Pt. 2, R. 2.2.B(15)(d).]
T-18	<p>General Condition: This permit does not authorize a modification as defined in 11 Miss. Admin. Code Pt. 2, Ch. 2 "Permit Regulations for the Construction and/or Operation of Air Emissions Equipment". Modification is defined as "Any physical change in or change in the method of operation of a facility which increases actual emissions or potential uncontrolled emissions of any air pollutant subject to regulation under the Federal Act emitted into the atmosphere by that facility or which results in the emission of any air pollutant subject to regulation under the Federal Act into the atmosphere not previously emitted. A physical change or change in the method of operation shall not include:</p> <ul style="list-style-type: none">(a) routine maintenance, repair, and replacement;(b) use of an alternative fuel or raw material by reason of an order under Sections 2(a) and (b) of the Federal Energy Supply and Environmental Coordination Act of 1974 (or any superseding legislation) or by reason of a natural gas curtailment plan pursuant to the Federal Power Act;(c) use of an alternative fuel by reason of an order or rule under Section 125 of the Federal Act;(d) use of an alternative fuel or raw material by a stationary source which: (i) the source was capable of accommodating before January 6, 1975, unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR 51.166; or (ii) the source is approved to use under any permit issued under 40 CFR 52.51 or under regulations approved pursuant to 40 CFR 51.166;(e) an increase in the hours of operation or in the production rate unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to 40 CFR 52.51, or under regulations approved pursuant to Subpart I or 40 CFR 51.166; or(f) any change in ownership of the stationary source" [11 Miss. Admin.Code Pt. 2, R. 2.1.D(2).]
T-19	General Condition: It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit unless halting or reducing activity would create an imminent and substantial endangerment threatening the public health and safety of the lives and property of the people of this state. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(a).]
T-20	General Condition: The permittee shall retain all required records, monitoring data, supported information and reports for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records, all original strip-chart recordings or other data for continuous monitoring instrumentation, and copies of all reports required by this permit. Copies of such records shall be submitted to MDEQ as required by Applicable Rules and Regulations or this permit upon request. [11 Miss. Admin.Code Pt. 2, R.2.9.]

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AI0000012010 (continued):

Narrative Requirements:

Condition No.	Condition
T-21	General Condition: The knowing submittal of a permit application with false information may serve as the basis for the Permit Board to void the permit issued pursuant thereto or subject the applicant to penalties for constructing or operating without a valid permit. [11 Miss. Admin.Code Pt. 2, R.2.2.B(5).]
T-22	<p>General Condition: Emergencies</p> <p>(a) Except as otherwise specified herein, an emergency means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.</p> <p>(b) An emergency constitutes an affirmative defense to an action brought for noncompliance with such technology-based emission limitations if the conditions specified in (c) following are met.</p> <p>(c) The affirmative defense of emergency shall be demonstrated through properly signed contemporaneous operating logs, or other relevant evidence as follows: (i) an emergency occurred and that the permittee can identify the cause(s) of the emergency; (ii) the permitted facility was at the time being properly operated; (iii) during the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and (iv) the permittee submitted notice of the emergency to MDEQ within two (2) working days of the time when emission limitations were exceeded due to the emergency which contained a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.</p> <p>(d) In any enforcement proceeding, the permittee seeking to establish the occurrence of any emergency has the burden of proof.</p> <p>(e) This provision is in addition to any emergency or upset provision contained in any applicable requirement specified elsewhere herein [11 Miss. Admin.Code Pt. 2, R.2.2.B(10).]</p>
T-23	<p>General Condition: Upsets</p> <p>(a) The occurrence of an upset constitutes an affirmative defense to an enforcement action brought for noncompliance with emission standards or other requirements of Applicable Rules and Regulations or any applicable permit if the permittee demonstrates through properly signed contemporaneous operating logs, or other relevant evidence that include information as follows: (i) an upset occurred and that the permittee can identify the cause(s) of the upset; (ii) the source was at the time being properly operated; (iii) during the upset the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements of Applicable Rules and Regulations or any applicable permit; (iv) the permittee submitted notice of the upset to the DEQ within five (5) working days of the time the upset began which contained a description of the upset, any steps taken to mitigate emissions, and corrective actions taken.</p> <p>(b) In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.</p> <p>(c) This provision is in addition to any upset provision contained in any applicable requirement. [11 Miss. Admin.Code Pt. 2, R.1.10.]</p>

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Narrative Requirements:

Condition No.	Condition
T-24	<p>General Condition: Startups and Shutdowns</p> <p>(a) Startups and shutdowns are part of normal source operation. Emissions limitations applicable to normal operation apply during startups and shutdowns except as follows: (i) when sudden, unavoidable breakdowns occur during a startup or shutdown, the event may be classified as an upset subject to the requirements above; (ii) when a startup or shutdown is infrequent, the duration of excess emissions is brief in each event, and the design of the source is such that the period of excess emissions cannot be avoided without causing damage to equipment or persons; or (iii) when the emissions standards applicable during a startup or shutdown are defined by other requirements of Applicable Rules and Regulations or any applicable permit.</p> <p>(b) In any enforcement proceeding, the permittee seeking to establish the applicability of any exception during a startup or shutdown has the burden of proof.</p> <p>(c) In the event this startup and shutdown provision conflicts with another applicable requirement, the more stringent requirement shall apply. [11 Miss. Admin.Code Pt. 2, R.1.10.]</p>
T-25	<p>General Condition: Maintenance</p> <p>(a) Maintenance should be performed during planned shutdown or repair of process equipment such that excess emissions are avoided. Unavoidable maintenance that results in brief periods of excess emissions and that is necessary to prevent or minimize emergency conditions or equipment malfunctions constitutes an affirmative defense to an enforcement action brought for noncompliance with emission standards, or other regulatory requirements if the permittee can demonstrate the following: (i) the permittee can identify the need for the maintenance; (ii) the source was at the time being properly operated; (iii) during the maintenance the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements of Applicable Rules and Regulations or any applicable permit; (iv) the permittee submitted notice of the maintenance to MDEQ within five (5) working days of the time the maintenance began or such other times as allowed by MDEQ, which contained a description of the maintenance, any steps taken to mitigate emissions, and corrective actions taken.</p> <p>(b) In any enforcement proceeding, the permittee seeking to establish the applicability of this section has the burden of proof.</p> <p>(c) In the event this maintenance provision conflicts with another applicable requirement, the more stringent requirement shall apply. [11 Miss. Admin.Code Pt. 2, R.1.10.]</p>
T-26	<p>General Condition: For renewal of this permit the applicant shall make application not less than one-hundred eighty (180) days prior to the expiration date of the permit substantiated with current emissions data, test results or reports or other data as deemed necessary by the Mississippi Environmental Quality Permit Board. [11 Miss. Admin.Code Pt. 2, R.2.8.]</p>

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GRPT0000000001 Stationary Reciprocating Internal Combustion Engines greater than 500 HP Subject to 40 CFR 63 Subpart ZZZZ:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		Beginning May 3, 2013, the permittee is subject to and shall comply with National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines and General Provisions (40 CFR 63, Subparts ZZZZ and A). [40 CFR 63.6585]
L-2		<p>For an emergency stationary CI RICE the permittee shall:</p> <p>(a) change oil and filter every 500 hours of operation or annually, whichever comes first,</p> <p>(b) inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and</p> <p>(c) inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary. [40 CFR 63.6603(Table 2d)]</p>
L-3		The permittee shall operate and maintain the emergency stationary RICE and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or develop their own 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)]
L-4		The permittee shall install a non-resettable hour meter if one is not already installed. [40 CFR 63.6625(f)]
L-5		The permittee shall minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the emission standards applicable to all times other than startup in Tables 1a, 2a, 2c, and 2d to the subpart apply. [40 CFR 63.6625(h)]

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GRPT0000000001 (continued):

Limitation Requirements:

Condition No.	Parameter	Condition
L-6		<p>The permittee shall operate the emergency stationary RICE in accordance with the following requirements:</p> <p>(a) There is no time limit on the use of the emergency stationary RICE in emergency situations</p> <p>(b) The emergency stationary RICE 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 such units is limited to 100 hours per year. The permittee 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 permittee maintains records indicating that Federal, State, or local standards require maintenance and testing of emergency RICE beyond 100 hours per year.</p> <p>(c) The emergency stationary RICE may be operated 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 power as part of a financial arrangement with another entity; except that owners and operators may operate the emergency engine for a maximum of 15 hours per year as part of a demand response program if the regional transmission organization or equivalent balancing authority and transmission operator has determined there are emergency conditions that could lead to a potential electrical blackout, such as unusually low frequency, equipment overload, capacity or energy deficiency, or unacceptable voltage level. The engine may not be operated for more than 30 minutes prior to the time when the emergency condition is expected to occur, and the engine operation must be terminated immediately after the facility is notified that the emergency condition is no longer imminent. The 15 hours per year of demand response operation are counted as part of the 50 hours of operation per year provided for non-emergency situations. The supply of emergency power to another entity or entities pursuant to financial arrangement is not limited by the conditions of this requirement, as long as the power provided by the financial arrangement is limited to emergency power.</p> <p>Any operation other than emergency operation, maintenance and testing, and operation in non-emergency situations for 50 hours per year, as described in the conditions of this requirement, is prohibited. If the engine is not operated according to conditions (a)-(c) in this requirement, the engine will not be considered an emergency engine under the subpart and will need to meet all requirements for non-emergency engines. [40 CFR 63.6640(f)]</p>

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GRPT0000000001 (continued):

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		<p>For compliance with emission and operating limits, the permittee shall monitor and collect data according to the following:</p> <p>(a) Except for monitor malfunctions, associated repairs, required performance evaluations, and required quality assurance or control activities, the permittee shall monitor continuously at all times that the stationary RICE is operating. 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>(b) The permittee may not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities in data averages and calculations used to report emission or operating levels. The permittee must, however, use all the valid data collected during all other periods. [40 CFR 63.6635]</p>

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GRPT0000000001 (continued):

Record-Keeping Requirements:

Condition No.	Condition
R-1	<p>The permittee shall keep the following records:</p> <ul style="list-style-type: none">(a) A copy of each notification and report that you submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status that you submitted, according to the requirement in §63.10(b)(2)(xiv)(b) Records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment(c) Records of performance tests and performance evaluations as required in §63.10(b)(2)(viii)(d) Records of all required maintenance performed on the air pollution control and monitoring equipment(e) Records of actions taken during periods of malfunction to minimize emissions in accordance with §63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation. [40 CFR 63.6655(a)]
R-2	<p>The permittee shall operate and maintain the emergency stationary RICE according to the manufacturer's emission-related operation and maintenance instructions; or develop and follow their own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in manner consistent with good air pollution control practice for minimizing emissions. [40 CFR 63.6655(d)]</p>
R-3	<p>The permittee shall keep records of the maintenance conducted on the emergency stationary RICE in order to demonstrate that the permittee operated and maintained the stationary RICE and after-treatment control device (if any) according to your the permittee's maintenance plan. [40 CFR 63.6655(e)]</p>
R-4	<p>The permittee shall keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter. The permittee shall 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 permittee shall keep records of the notification of the emergency situation, and the time the engine was operated as part of demand response. [40 CFR 63.6655(f)]</p>

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GRPT0000000001 (continued):

Submittal/Action Requirements:

Condition No.	Condition
S-1	The permittee shall report each instance in which the operating limit in Table 2d of the subpart was not met. These instances are deviations from the emission and operating limitations of the subpart. These deviations must be reported according to the requirements in 40 CFR 63.6550. [40 CFR 63.6640(b)]
S-2	The permittee shall submit an annual compliance report covering the annual reporting period from January 1 through December 31. The first compliance report shall be postmarked or delivered no later than January 31 following the end of the first calendar year after the compliance date, and each subsequent report shall be postmarked or delivered no later than January 31. [40 CFR 63.6650(a)]
S-3	<p>The Compliance report shall contain the following information:</p> <ul style="list-style-type: none">(a) Company name and address.(b) Statement by a responsible official, with that official's name, title, and signature, certifying the accuracy of the content of the report.(c) Date of report and beginning and ending dates of the reporting period.(d) If you had a malfunction during the reporting period, the compliance report must include the number, duration, and a brief description for each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. The report must also include a description of actions taken by the permittee during a malfunction of an affected source to minimize emissions in accordance with §63.6605(b), including actions taken to correct a malfunction.(e) The total operating time of the stationary RICE at which the deviation occurred during the reporting period.(f) Information on the number, duration, and cause of deviations (including unknown cause, if applicable), as applicable, and the corrective action taken. [40 CFR 63.6650(c)]

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GRPT0000000002 Stationary Reciprocating Internal Combustion Engines less than 500 HP Subject to 40 CFR 63 Subpart ZZZZ:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		Beginning May 3, 2013, the permittee is subject to and shall comply with National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines and General Provisions (40 CFR 63, Subparts ZZZZ and A). [40 CFR 63.6585]
L-2		<p>For an emergency stationary CI RICE the permittee shall:</p> <p>(a) change oil and filter every 500 hours of operation or annually, whichever comes first,</p> <p>(b) inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and</p> <p>(c) inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary. [40 CFR 63.6603(Table 2d)]</p>
L-3		The permittee shall operate and maintain the emergency stationary RICE and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or develop their own 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)]
L-4		The permittee shall install a non-resettable hour meter if one is not already installed. [40 CFR 63.6625(f)]
L-5		The permittee shall minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the emission standards applicable to all times other than startup in Tables 1a, 2a, 2c, and 2d to the subpart apply. [40 CFR 63.6625(h)]

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GRPT0000000002 (continued):

Limitation Requirements:

Condition No.	Parameter	Condition
L-6		<p>The permittee shall operate the emergency stationary RICE in accordance with the following requirements:</p> <p>(a) There is no time limit on the use of the emergency stationary RICE in emergency situations</p> <p>(b) The emergency stationary RICE 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 such units is limited to 100 hours per year. The permittee 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 permittee maintains records indicating that Federal, State, or local standards require maintenance and testing of emergency RICE beyond 100 hours per year.</p> <p>(c) The emergency stationary RICE may be operated 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 power as part of a financial arrangement with another entity; except that owners and operators may operate the emergency engine for a maximum of 15 hours per year as part of a demand response program if the regional transmission organization or equivalent balancing authority and transmission operator has determined there are emergency conditions that could lead to a potential electrical blackout, such as unusually low frequency, equipment overload, capacity or energy deficiency, or unacceptable voltage level. The engine may not be operated for more than 30 minutes prior to the time when the emergency condition is expected to occur, and the engine operation must be terminated immediately after the facility is notified that the emergency condition is no longer imminent. The 15 hours per year of demand response operation are counted as part of the 50 hours of operation per year provided for non-emergency situations. The supply of emergency power to another entity or entities pursuant to financial arrangement is not limited by the conditions of this requirement, as long as the power provided by the financial arrangement is limited to emergency power.</p> <p>Any operation other than emergency operation, maintenance and testing, and operation in non-emergency situations for 50 hours per year, as described in the conditions of this requirement, is prohibited. If the engine is not operated according to conditions (a)-(c) in this requirement, the engine will not be considered an emergency engine under the subpart and will need to meet all requirements for non-emergency engines. [40 CFR 63.6640(f)]</p>

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GRPT0000000002 (continued):

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		<p>For compliance with emission and operating limits, the permittee shall monitor and collect data according to the following:</p> <p>(a) Except for monitor malfunctions, associated repairs, required performance evaluations, and required quality assurance or control activities, the permittee shall monitor continuously at all times that the stationary RICE is operating. 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>(b) The permittee may not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities in data averages and calculations used to report emission or operating levels. The permittee must, however, use all the valid data collected during all other periods. [40 CFR 63.6635]</p>

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GRPT0000000002 (continued):

Record-Keeping Requirements:

Condition No.	Condition
R-1	<p>The permittee shall keep the following records:</p> <ul style="list-style-type: none">(a) A copy of each notification and report that you submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status that you submitted, according to the requirement in §63.10(b)(2)(xiv)(b) Records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment(c) Records of performance tests and performance evaluations as required in §63.10(b)(2)(viii)(d) Records of all required maintenance performed on the air pollution control and monitoring equipment(e) Records of actions taken during periods of malfunction to minimize emissions in accordance with §63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation. [40 CFR 63.6655(a)]
R-2	<p>The permittee shall operate and maintain the emergency stationary RICE according to the manufacturer's emission-related operation and maintenance instructions; or develop and follow their own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in manner consistent with good air pollution control practice for minimizing emissions. [40 CFR 63.6655(d)]</p>
R-3	<p>The permittee shall keep records of the maintenance conducted on the emergency stationary RICE in order to demonstrate that the permittee operated and maintained the stationary RICE and after-treatment control device (if any) according to your the permittee's maintenance plan. [40 CFR 63.6655(e)]</p>
R-4	<p>The permittee shall keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter. The permittee shall 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 permittee shall keep records of the notification of the emergency situation, and the time the engine was operated as part of demand response. [40 CFR 63.6655(f)]</p>

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GRPT0000000002 (continued):

Submittal/Action Requirements:

Condition No.	Condition
S-1	The permittee shall report each instance in which the operating limit in Table 2d of the subpart was not met. These instances are deviations from the emission and operating limitations of the subpart. These deviations must be reported according to the requirements in 40 CFR 63.6550. [40 CFR 63.6640(b)]
S-2	The permittee shall submit an annual compliance report covering the annual reporting period from January 1 through December 31. The first compliance report shall be postmarked or delivered no later than January 31 following the end of the first calendar year after the compliance date, and each subsequent report shall be postmarked or delivered no later than January 31. [40 CFR 63.6650(a)]
S-3	<p>The Compliance report shall contain the following information:</p> <ul style="list-style-type: none">(a) Company name and address.(b) Statement by a responsible official, with that official's name, title, and signature, certifying the accuracy of the content of the report.(c) Date of report and beginning and ending dates of the reporting period.(d) If you had a malfunction during the reporting period, the compliance report must include the number, duration, and a brief description for each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. The report must also include a description of actions taken by the permittee during a malfunction of an affected source to minimize emissions in accordance with §63.6605(b), including actions taken to correct a malfunction.(e) The total operating time of the stationary RICE at which the deviation occurred during the reporting period.(f) Information on the number, duration, and cause of deviations (including unknown cause, if applicable), as applicable, and the corrective action taken. [40 CFR 63.6650(c)]

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GRPT0000000003 Compression Ignition Internal Combustion Engines Subject to 40 CFR 60 Subpart IIII:

Narrative Requirements:

Condition No.	Condition
T-1	<p>The permittee is found to be subject to 40 CFR Part 60 Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines and to the general provisions of 40 CFR Part 60.1 through 60.19 as listed in Table 8 of 40 CFR 60 Subpart IIII, included in Appendix A, Page A4.</p> <p>(a) The provisions of this subpart are applicable to manufacturers, owners, and operators of stationary compression ignition (CI) internal combustion engines (ICE) and other persons as specified in paragraphs (a)(1) through (4) of this section. For the purposes of this subpart, the date that construction commences is the date the engine is ordered by the owner or operator.</p> <p>(1) Manufacturers of stationary CI ICE with a displacement of less than 30 liters per cylinder where the model year is 2007 or later, for engines that are not fire pump engines.</p> <p>(2) Owners and operators of stationary CI ICE that commence construction after July 11, 2005, where the stationary CI ICE are manufactured after April 1, 2006, and are not fire pump engines.</p> <p>(3) Owners and operators of any stationary CI ICE that are modified or reconstructed after July 11, 2005 and any person that modifies or reconstructs any stationary CI ICE after July 11, 2005.</p> <p>(4) The provisions of 40 CFR Part 60.4208 [Condition T-5, Page 26] of this subpart are applicable to all owners and operators of stationary CI ICE that commence construction after July 11, 2005.</p> <p>(b) The provisions of this subpart are not applicable to stationary CI ICE being tested at a stationary CI ICE test cell/stand.</p> <p>(c) If you are an owner or operator of an area source subject to this subpart, you are exempt from the obligation to obtain a permit under 40 CFR part 70 or 40 CFR part 71, provided you are not required to obtain a permit under 40 CFR 70.3(a) or 40 CFR 71.3(a) for a reason other than your status as an area source under this subpart. Notwithstanding the previous sentence, you must continue to comply with the provisions of this subpart applicable to area sources.</p> <p>(d) Stationary CI ICE may be eligible for exemption from the requirements of this subpart as described in 40 CFR part 1068, subpart C (or the exemptions described in 40 CFR part 89, subpart J and 40 CFR part 94, subpart J, for engines that would need to be certified to standards in those parts), except that owners and operators, as well as manufacturers, may be eligible to request an exemption for national security.</p> <p>(e) Owners and operators of facilities with CI ICE that are acting as temporary replacement units and that are located at a stationary source for less than 1 year and that have been properly certified as meeting the standards that would be applicable to such engine under the appropriate nonroad engine provisions, are not required to meet any other provisions under this subpart with regard to such engines. [40 CFR 60.4200]</p>

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GRPT0000000003 (continued):

Narrative Requirements:

Condition No.	Condition
T-2	<p>40 CFR Part 60.4205 EMISSION STANDARDS FOR EMERGENCY ENGINES</p> <p>(a) Owners and operators of pre-2007 model year emergency stationary CI ICE with a displacement of less than 10 liters per cylinder that are not fire pump engines must comply with the emission standards in Table 1 of 40 CFR Part 60 Subpart IIII, included in Appendix A, Page A-1. Owners and operators of pre-2007 model year emergency stationary CI ICE with a displacement of greater than or equal to 10 liters per cylinder and less than 30 liters per cylinder that are not fire pump engines must comply with the emission standards following, referenced from 40 CFR 94.8(a)(1).</p> <p>(1) Tier 1 standards. NOX emissions from model year 2004 and later engines with displacement of 2.5 or more liters per cylinder may not exceed the following:</p> <p>(i) 17.0 g/kW-hr when maximum test speed is less than 130 rpm.</p> <p>(ii) $45.0 \times N^{(-0.20)}$ when maximum test speed is at least 130 but less than 2000 rpm, where N is the maximum test speed of the engine in revolutions per minute.</p> <p>(NOTE: Round speed-dependent standards to the nearest 0.1 g/kW-hr.)</p> <p>(iii) 9.8 g/kW-hr when maximum test speed is 2000 rpm or more.</p> <p>(b) Owners and operators of 2007 model year and later emergency stationary CI ICE with a displacement of less than 30 liters per cylinder that are not fire pump engines must comply with the emission standards for new nonroad CI engines in the paragraphs following, referenced from 40 CFR Part60.4202. The permittee is subject to these standards for all pollutants, for the same model year and maximum engine power for their 2007 model year and later emergency stationary CI ICE.</p> <p>(1) Stationary CI internal combustion engine users must certify their 2007 model year and later emergency stationary CI ICE with a maximum engine power less than or equal to 2,237 KW (3,000 HP) and a displacement of less than 10 liters per cylinder that are not fire pump engines to the emission standards specified in 40 CFR 89.112 and 40 CFR 89.113 for engines with a maximum engine power greater than or equal to 37 KW (50 HP). The specifications of 40 CFR 89.112 and 40 CFR 89.113 are listed in the paragraphs following.</p> <p>(i) Exhaust emission from nonroad engines to which 40 CFR Part 89 is applicable shall not exceed the applicable exhaust emission standards contained in Table 1 of 40 CFR Part 89, included in Appendix A, Page A5.</p> <p>(ii) Exhaust opacity from compression-ignition nonroad engines for which this subpart is applicable must not exceed 20 percent during the acceleration mode, 15 percent during the lugging mode, and 50 percent during the peaks in either the acceleration or lugging modes.</p> <p>(c) [Reserved]. [40 CFR 60.4205(a)-(c)]</p>

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GRPT0000000003 (continued):

Narrative Requirements:

Condition No.	Condition
T-3	<p>40 CFR Part 60.4205 EMISSION STANDARDS FOR EMERGENCY ENGINES CONTINUED</p> <p>(d) Owners and operators of emergency stationary CI engines with a displacement of greater than or equal to 30 liters per cylinder must meet the requirements following:</p> <p>(1) For engines installed prior to January 1, 2012, limit the emissions of NOX in the stationary CI internal combustion engine exhaust to the following:</p> <p>(i) 17.0 g/KW-hr (12.7 g/HP-hr) when maximum engine speed is less than 130 rpm;</p> <p>(ii) $45 * n^{(-0.2)}$ g/KW-hr ($34 * n^{(-0.2)}$ g/HP-hr) when maximum engine speed is 130 or more but less than 2,000 rpm, where n is maximum engine speed; and</p> <p>(iii) 9.8 g/kW-hr (7.3 g/HP-hr) when maximum engine speed is 2,000 rpm or more.</p> <p>(2) For engines installed on or after January 1, 2012, limit the emissions of NOX in the stationary CI internal combustion engine exhaust to the following:</p> <p>(i) 14.4 g/KW-hr (10.7 g/HP-hr) when maximum engine speed is less than 130 rpm;</p> <p>(ii) $44 * n^{(-0.23)}$ g/KW-hr ($33 * n^{(-0.23)}$ g/HP-hr) when maximum engine speed is greater than or equal to 130 but less than 2,000 rpm and where n is maximum engine speed; and</p> <p>(iii) 7.7 g/KW-hr (5.7 g/HP-hr) when maximum engine speed is greater than or equal to 2,000 rpm.</p> <p>(3) Limit the emissions of PM in the stationary CI internal combustion engine exhaust to 0.40 g/KW-hr (0.30 g/HP-hr).</p> <p>(e) Owners and operators of emergency stationary CI ICE with a displacement of less than 30 liters per cylinder who conduct performance tests in-use must meet the NTE standards as indicated in 40 CFR Part60.4212 [Condition T-11].</p> <p>(f) Owners and operators of any modified or reconstructed emergency stationary CI ICE subject to 40 CFR Part 60 Subpart IIII must meet the emission standards applicable to the model year, maximum engine power, and displacement of the modified or reconstructed CI ICE that are specified in paragraphs (a) through (e) of this section. [40 CFR 60.4205(d)-(f)]</p>

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GRPT0000000003 (continued):

Narrative Requirements:

Condition No.	Condition
T-4	<p>40 CFR Part 60.4207 FUEL REQUIREMENTS FOR OWNER/OPERATORS</p> <p>(a) Beginning October 1, 2007, owners and operators of stationary CI ICE subject to 40 CFR Part 60 Subpart IIII that use diesel fuel must use diesel fuel that meets the requirements of the paragraphs following referenced from 40 CFR 80.510(a).</p> <p>(1) Sulfur content. 500 parts per million (ppm) maximum.</p> <p>(2) Cetane index or aromatic content, as follows:</p> <p>(i) A minimum cetane index of 40; or</p> <p>(ii) A maximum aromatic content of 35 volume percent.</p> <p>(b) Beginning October 1, 2010, owners and operators of stationary CI ICE subject to 40 CFR Part 60 Subpart IIII with a displacement of less than 30 liters per cylinder that use diesel fuel must purchase diesel fuel that meets the requirements of paragraphs following for nonroad diesel fuel, referenced from 40 CFR 80.510(b).</p> <p>(1) Sulfur content.</p> <p>(i) 15 ppm maximum for NR diesel fuel.</p> <p>(ii) 500 ppm maximum for LM diesel fuel.</p> <p>(2) Cetane index or aromatic content, as follows:</p> <p>(i) A minimum cetane index of 40; or</p> <p>(ii) A maximum aromatic content of 35 volume percent.</p> <p>(c) [Reserved]</p> <p>(d) Beginning June 1, 2012, owners and operators of stationary CI ICE subject of 40 CFR Part 60 Subpart IIII with a displacement of greater than or equal to 30 liters per cylinder are no longer subject to the requirements of paragraph (a) of this section, and must use fuel that meets a maximum per-gallon sulfur content of 1,000 parts per million (ppm).</p> <p>(e) Stationary CI ICE that have a national security exemption under 40 CFR Part60.4200(d) [Condition T-1 Part (d)] are also exempt from the fuel requirements in this section. [40 CFR 60.4207]</p>

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Condition No.	Condition
T-5	<p>40 CFR Part 60.4208 INSTALLATION RESTRICTIONS</p> <p>(1) After December 31, 2008, owners and operators may not install stationary CI ICE that do not meet the applicable requirements for 2007 model year engines.</p> <p>(2) After December 31, 2009, owners and operators may not install stationary CI ICE with a maximum engine power of less than 19 KW (25 HP) that do not meet the applicable requirements for 2008 model year engines.</p> <p>(3) In addition to the requirements specified in 40 CFR 60.4205 [Conditions T-2 and T-3], it is prohibited to import stationary CI ICE with a displacement of less than 30 liters per cylinder that do not meet the applicable requirements specified in paragraphs of 40 CFR Part 60.4208 prior, after the dates specified in those paragraphs.</p> <p>(4) The requirements of this section do not apply to owners or operators of stationary CI ICE that have been modified, reconstructed, and do not apply to engines that were removed from one existing location and reinstalled at a new location. [40 CFR 60.4208]</p>
T-6	<p>40 CFR Part 60.4209 MONITORING REQUIREMENTS</p> <p>If you are an owner or operator of an emergency stationary CI internal combustion engine that does not meet the standards applicable to non-emergency engines, you must install a non-resettable hour meter prior to startup of the engine. [40 CFR 60.4209]</p>

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GRPT0000000003 (continued):

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Condition No.	Condition
T-7	<p>40 CFR Part 60.4211 COMPLIANCE REQUIREMENTS FOR OWNER/OPERATORS</p> <p>(a) If you are an owner or operator and must comply with the emission standards specified in this subpart, you must do all of the following, except as permitted under paragraph (g) of this section:</p> <p>(1) Operate and maintain the stationary CI internal combustion engine and control device according to the manufacturer's emission-related written instructions;</p> <p>(2) Change only those emission-related settings that are permitted by the manufacturer</p> <p>(b) If you are an owner or operator of a pre-2007 model year stationary CI internal combustion engine and must comply with the emission standards specified in 40 CFR 60.4205(a) [Condition T-2 Part (a)], you must demonstrate compliance according to one of the methods specified in paragraphs (b)(1) through (5) of this section.</p> <p>(1) Purchasing an engine certified according to 40 CFR part 89 or 40 CFR part 94, as applicable, for the same model year and maximum engine power. The engine must be installed and configured according to the manufacturer's specifications.</p> <p>(2) Keeping records of performance test results for each pollutant for a test conducted on a similar engine. The test must have been conducted using the same methods specified in this subpart and these methods must have been followed correctly.</p> <p>(3) Keeping records of engine manufacturer data indicating compliance with the standards.</p> <p>(4) Keeping records of control device vendor data indicating compliance with the standards.</p> <p>(5) Conducting an initial performance test to demonstrate compliance with the emission standards according to the requirements specified in 40 CFR Part60.4212 [Condition T-11], as applicable.</p> <p>(c) If you are an owner or operator of a 2007 model year and later stationary CI internal combustion engine and must comply with the emission standards specified in 40 CFR Part60.4205(b) [Condition T-2 Part (b)], you must comply by purchasing an engine certified to the emission standards in 40 CFR Part60.4205(b) or (c) [Condition T-2 Parts (b) - (c)], as applicable, for the same model year and maximum engine power. The engine must be installed and configured according to the manufacturer's emission-related specifications, except as permitted in paragraph (g) of this section. [40 CFR 60.4211(a)-(c)]</p>

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GRPT0000000003 (continued):

Narrative Requirements:

Condition No.	Condition
T-8	<p>40 CFR Part 60.4211 COMPLIANCE REQUIREMENTS FOR OWNER/OPERATORS CONTINUED</p> <p>(d) If you are an owner or operator and must comply with the emission standards specified in 40 CFR Part60.4205(d) [Condition T-3 Part (d)], you must demonstrate compliance according to the requirements specified in paragraphs (d)(1) through (3) of this section.</p> <p>(1) Conducting an initial performance test to demonstrate initial compliance with the emission standards as specified in 40 CFR Part60.4213 [Conditions T-12 and T-13].</p> <p>(2) Establishing operating parameters to be monitored continuously to ensure the stationary internal combustion engine continues to meet the emission standards. The owner or operator must petition the Administrator for approval of operating parameters to be monitored continuously. The petition must include the information described in paragraphs (d)(2)(i) through (v) of this section.</p> <p>(i) Identification of the specific parameters you propose to monitor continuously;</p> <p>(ii) A discussion of the relationship between these parameters and NOX and PM emissions, identifying how the emissions of these pollutants change with changes in these parameters, and how limitations on these parameters will serve to limit NOX and PM emissions;</p> <p>(iii) A discussion of how you will establish the upper and/or lower values for these parameters which will establish the limits on these parameters in the operating limitations;</p> <p>(iv) A discussion identifying the methods and the instruments you will use to monitor these parameters, as well as the relative accuracy and precision of these methods and instruments; and</p> <p>(v) A discussion identifying the frequency and methods for recalibrating the instruments you will use for monitoring these parameters.</p> <p>(e) If you are an owner or operator of a modified or reconstructed stationary CI internal combustion engine and must comply with the emission standards specified in 40 CFR Part 60.4205(f) [Condition T-3 Part (f)], you must demonstrate compliance according to one of the methods specified in paragraphs (e)(1) or (2) of this section.</p> <p>(1) Purchasing, or otherwise owning or operating, an engine certified to the emission standards in 40 CFR Part60.4205(f) [Condition T-3 Part (f)], as applicable.</p> <p>(2) Conducting a performance test to demonstrate initial compliance with the emission standards according to the requirements specified in 40 CFR Part60.4212 [Condition T-11] or 40 CFR Part60.4213 [Conditions T-12 and T-13], as appropriate. The test must be conducted within 60 days after the engine commences operation after the modification or reconstruction. [40 CFR 60.4211(d)-(e)]</p>

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GRPT0000000003 (continued):

Narrative Requirements:

Condition No.	Condition
T-9	<p>40 CFR Part 60.4211 COMPLIANCE REQUIREMENTS FOR OWNER/OPERATORS CONTINUED</p> <p>(f) Emergency stationary ICE 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 such units is limited to 100 hours per year. There is no time limit on the use of emergency stationary ICE 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 standards require maintenance and testing of emergency ICE beyond 100 hours per year. Emergency stationary ICE 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. For owners and operators of emergency engines, any operation other than emergency operation, maintenance and testing, and operation in non-emergency situations for 50 hours per year, as permitted in this section, is prohibited. [40 CFR 60.4211(f)]</p>

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GRPT0000000003 (continued):

Narrative Requirements:

Condition No.	Condition
T-10	<p>40 CFR Part 60.4211 COMPLIANCE REQUIREMENTS FOR OWNER/OPERATORS CONTINUED</p> <p>(g) If you do not install, configure, operate, and maintain your engine and control device according to the manufacturer's emission-related written instructions, or you change emission-related settings in a way that is not permitted by the manufacturer, you must demonstrate compliance as follows:</p> <p>(1) If you are an owner or operator of a stationary CI internal combustion engine with maximum engine power less than 100 HP, you must keep a maintenance plan and records of conducted maintenance to demonstrate compliance and must, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions. In addition, if you do not install and configure the engine and control device according to the manufacturer's emission-related written instructions, or you change the emission-related settings in a way that is not permitted by the manufacturer, you must conduct an initial performance test to demonstrate compliance with the applicable emission standards within 1 year of such action.</p> <p>(2) If you are an owner or operator of a stationary CI internal combustion engine greater than or equal to 100 HP and less than or equal to 500 HP, you must keep a maintenance plan and records of conducted maintenance and must, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions. In addition, you must conduct an initial performance test to demonstrate compliance with the applicable emission standards within 1 year of startup, or within 1 year after an engine and control device is no longer installed, configured, operated, and maintained in accordance with the manufacturer's emission-related written instructions, or within 1 year after you change emission-related settings in a way that is not permitted by the manufacturer.</p> <p>(3) If you are an owner or operator of a stationary CI internal combustion engine greater than 500 HP, you must keep a maintenance plan and records of conducted maintenance and must, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions. In addition, you must conduct an initial performance test to demonstrate compliance with the applicable emission standards within 1 year of startup, or within 1 year after an engine and control device is no longer installed, configured, operated, and maintained in accordance with the manufacturer's emission-related written instructions, or within 1 year after you change emission-related settings in a way that is not permitted by the manufacturer. You must conduct subsequent performance testing every 8,760 hours of engine operation or 3 years, whichever comes first, thereafter to demonstrate compliance with the applicable emission standards. [40 CFR 60.4211(g)]</p>

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GRPT0000000003 (continued):

Narrative Requirements:

Condition No.	Condition
T-11	<p>40 CFR Part 60.4212 TEST METHODS FOR ICE WITH A DISPLACEMENT OF LESS THAN 30 L PER CYLINDER</p> <p>Owners and operators of stationary CI ICE with a displacement of less than 30 liters per cylinder who conduct performance tests pursuant of 40 CFR Part 60 Subpart IIII must do so according to paragraphs (1) through (3) of this section.</p> <p>(1) The performance test must be conducted according to the in-use testing procedures in 40 CFR part 1039, subpart F, for stationary CI ICE with a displacement of less than 10 liters per cylinder, and according to 40 CFR part 1042, subpart F, for stationary CI ICE with a displacement of greater than or equal to 10 liters per cylinder and less than 30 liters per cylinder.</p> <p>(2) Exhaust emissions from stationary CI ICE that are complying with the emission standards for new CI engines in 40 CFR 89.112 or 40 CFR 94.8, as applicable, must not exceed the NTE numerical requirements, rounded to the same number of decimal places as the applicable standard in 40 CFR 89.112 or 40 CFR 94.8, as applicable, determined from Equation 1A in 40 CFR 60.4212 (c), included in Appendix B, page B1.</p> <p>(3) Exhaust emissions from stationary CI ICE that are complying with the emission standards for pre-2007 model year engines in 40 CFR Part60.4205(a) or 40 CFR Part60.4205(c) [Condition T-2 Parts (a) and (c)] must not exceed the NTE numerical requirements, rounded to the same number of decimal places as the applicable standard, determined from Equation 1B in 40 CFR 60.4212 (d), included in Appendix B, page B1. [40 CFR 60.4212(a),(c),(d)]</p>

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GRPT0000000003 (continued):

Narrative Requirements:

Condition No.	Condition
T-12	<p>40 CFR Part 60.4213 TEST METHODS FOR ICE WITH A DISPLACEMENT GREATER THAN 30 L PER CYLINDER</p> <p>Owners and operators of stationary CI ICE with a displacement of greater than or equal to 30 liters per cylinder must conduct performance tests according to paragraphs (a) through (f) of this section.</p> <p>(a) Each performance test must be conducted according to the requirements in 40 CFR Part 60.8 and under the specific conditions that 40 CFR Part 63 Subpart III specifies in Table 7, included in Appendix A, Pages A2-3. The test must be conducted within 10 percent of 100 percent peak (or the highest achievable) load.</p> <p>(b) You may not conduct performance tests during periods of startup, shutdown, or malfunction, as specified in the paragraph following, referenced from 40 CFR Part 60.8(c).</p> <p>(1) Operations during periods of startup, shutdown, and malfunction shall not constitute representative conditions for the purpose of a performance test nor shall emissions in excess of the level of the applicable emission limit during periods of startup, shutdown, and malfunction be considered a violation of the applicable emission limit unless otherwise specified in the applicable standard.</p> <p>(c) You must conduct three separate test runs for each performance test required in this section, as specified in the paragraph following referenced from 40 CFR Part 60.8(f). Each test run must last at least 1 hour.</p> <p>(1) Unless otherwise specified, each performance test shall consist of three separate runs using the applicable test method. Each run shall be conducted for the time and under the conditions specified in the applicable standard. For the purpose of determining compliance with an applicable standard, the arithmetic means of results of the three runs shall apply. In the event that a sample is accidentally lost or conditions occur in which one of the three runs must be discontinued because of forced shutdown, failure of an irreplaceable portion of the sample train, extreme meteorological conditions, or other circumstances, beyond the owner or operator's control, compliance may, upon the Administrator's approval, be determined using the arithmetic mean of the results of the two other runs. [40 CFR 60.4213]</p>

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GRPT0000000003 (continued):

Narrative Requirements:

Condition No.	Condition
T-13	<p>40 CFR Part 60.4213 TEST METHODS FOR ICE WITH A DISPLACEMENT GREATER THAN 30 L PER CYLINDER CONTINUED</p> <p>(d) To determine compliance with the percent reduction requirement, you must follow the requirements as specified in paragraphs (d)(1) through (3) of this section.</p> <p>(1) You must use Equation 2 of 40 CFR 60.4213 (d) (1), included in Appendix B, Page B1, to determine compliance with the percent reduction requirement.</p> <p>(2) You must normalize the NOX or PM concentrations at the inlet and outlet of the control device to a dry basis and to 15 percent oxygen (O2) using Equation 3 of 40 CFR Part 60.4213 (d)(2), included in Appendix B, Page B1, or an equivalent percent carbon dioxide (CO2) using the procedures described in paragraph (d)(3) of this section.</p> <p>(3) If pollutant concentrations are to be corrected to 15 percent O2 and CO2 concentration is measured in lieu of O2 concentration measurement, a CO2 correction factor is needed. Calculate the CO2 correction factor as described in paragraphs (d)(3)(i) through (iii) of this section.</p> <p>(i) Calculate the fuel-specific Fo value for the fuel burned during the test using values obtained from Method 19, Section 5.2, and using Equation 4 in 40 CFR 60.4213 (d)(3)(i), included in Appendix B, Page B1.</p> <p>(ii) Calculate the CO2 correction factor for correcting measurement data to 15 percent O2, using Equation 5 in 40 CFR 60.4213 (d)(3)(ii), included in Appendix B, Page B2.</p> <p>(iii) Calculate the NOX and PM gas concentrations adjusted to 15 percent O2 using CO2 using Equation 6 in 40 CFR 60.4213 (d)(3)(iii), included in Appendix B, Page B2.</p> <p>(e) To determine compliance with the NOX mass per unit output emission limitation, convert the concentration of NOX in the engine exhaust using Equation 7 of 40 CFR 60.4213 (e), included in Appendix B, Page B2.</p> <p>(f) To determine compliance with the PM mass per unit output emission limitation, convert the concentration of PM in the engine exhaust using Equation 8 of 40 CFR 60.4213 (f), included in Appendix B, Page B2. [40 CFR 60.4213 (d)-(f)]</p>

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Narrative Requirements:

Condition No.	Condition
T-14	<p>40 CFR Part 60.4214 NOTIFICATION, REPORTING, AND RECORDKEEPING REQUIRMENTS</p> <p>(1) If the stationary CI internal combustion engine is an emergency stationary internal combustion engine, the owner or operator is not required to submit an initial notification. Starting with the model years in Table 5 of 40 CFR Part 60 Subpart IIII, included in Appendix A, Page A1, if the emergency engine does not meet the standards applicable to non-emergency engines in the applicable model year, the owner or operator must keep records of the operation of the engine in emergency and non-emergency service that are recorded through the non-resettable hour meter. The owner must record the time of operation of the engine and the reason the engine was in operation during that time.</p> <p>(2) If the stationary CI internal combustion engine is equipped with a diesel particulate filter, the owner or operator must keep records of any corrective action taken after the backpressure monitor has notified the owner or operator that the high backpressure limit of the engine is approached. [40 CFR 60.4214(b)-(c)]</p>
T-15	<p>40 CFR Part 60.4217 EMISSION STANDARDS FOR OWNER/OPERATORS USING SPECIAL FUELS</p> <p>Owners and operators of stationary CI ICE that do not use diesel fuel may petition the Administrator for approval of alternative emission standards, if they can demonstrate that they use a fuel that is not the fuel on which the manufacturer of the engine certified the engine and that the engine cannot meet the applicable standards required in 40 CFR Part 60.4205 [Conditions T-2 and T-3] using such fuels and that use of such fuel is appropriate and reasonably necessary, considering cost, energy, technical feasibility, human health and environmental, and other factors, for the operation of the engine. [40 CFR 60.4217]</p>

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GRPT0000000006 Fuel Transfer Operations subject to 40 CFR Part 63 Subpart CCCCCC:

Narrative Requirements:

Condition No.	Condition
T-1	The permittee is found subject to 40 CFR Part 63 Subpart CCCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities. This subpart establishes national emission limitations, requirements, and management practices for hazardous air pollutants (HAP) emitted from the loading of gasoline storage tanks at gasoline dispensing facilities (GDF). [40 CFR 63_Subpart CCCCCC]

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GRPT0000000006 (continued):

Narrative Requirements:

Condition No.	Condition
T-2	<p>40 CFR Part 63.11111 FACILITY SUBJECTIVITY</p> <p>(1) The affected source to which this subpart applies is each GDF that is located at an area source. The affected source includes each gasoline cargo tank during the delivery of product to a GDF and also includes each storage tank.</p> <p>(A) If your GDF has a monthly throughput of less than 10,000 gallons of gasoline, you must comply with the requirements in 40 CFR Part 63.11116 [Condition T-6]</p> <p>(B) If your GDF has a monthly throughput of 10,000 gallons of gasoline or more, you must comply with the requirements in 40 CFR Part 63.11117 [Condition T-7]</p> <p>(C) If your GDF has a monthly throughput of 100,000 gallons of gasoline or more, you must comply with the requirements in 40 CFR Part 63.11118 [Condition T-8]</p> <p>(2) An affected source shall, upon request by the Administrator, demonstrate that their monthly throughput is less than the 10,000-gallon or the 100,000-gallon threshold level. For new or reconstructed affected sources recordkeeping to document monthly throughput must begin upon startup of the affected source. For existing sources recordkeeping to document monthly throughput must begin on January 10, 2008. For existing sources that are subject to 40 CFR Part 63 Subpart CCCCCC only because they load gasoline into fuel tanks other than those in motor vehicles recordkeeping to document monthly throughput must begin on January 24, 2011. Records required under this paragraph shall be kept for a period of 5 years.</p> <p>(3) Monthly throughput is the total volume of gasoline loaded into, or dispensed from, all the gasoline storage tanks located at a single affected GDF. If an area source has two or more GDF at separate locations within the area source, each GDF is treated as a separate affected source.</p> <p>(4) If your affected source's throughput ever exceeds an applicable throughput threshold, the affected source will remain subject to the requirements for sources above the threshold, even if the affected source throughput later falls below the applicable throughput threshold.</p> <p>(5) The dispensing of gasoline from a fixed gasoline storage tank at a GDF into a portable gasoline tank for the on-site delivery and subsequent dispensing of the gasoline into the fuel tank of a motor vehicle or other gasoline-fueled engine or equipment used within the area source is only subject to 40 CFR Part 63.11116 [Condition T-6]. [40 CFR 63.11111(a)-(j)]</p>

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GRPT0000000006 (continued):

Narrative Requirements:

Condition No.	Condition
T-3	<p>40 CFR Part 63.11111 FACILITY SUBJECTIVITY CONTINUED</p> <p>(6) For any affected source subject to the provisions of this subpart and another Federal rule, you may elect to comply only with the more stringent provisions of the applicable subparts. You must consider all provisions of the rules, including monitoring, recordkeeping, and reporting. You must identify the affected source and provisions with which you will comply in your Notification of Compliance Status required under 40 CFR Part 63.11124 [Condition T-8]. You also must demonstrate in your Notification of Compliance Status that each provision with which you will comply is at least as stringent as the otherwise applicable requirements in this subpart. You are responsible for making accurate determinations concerning the more stringent provisions, and noncompliance with this rule is not excused if it is later determined that your determination was in error, and, as a result, you are violating this subpart. Compliance with this rule is your responsibility and the Notification of Compliance Status does not alter or affect that responsibility. [40 CFR 63.11111(k)]</p>
T-4	<p>40 CFR Part 63.11112 FACILITY EQUIPMENT SUBJECTIVITY</p> <p>The emission sources to which this subpart applies are gasoline storage tanks and associated equipment components in vapor or liquid gasoline service at new, reconstructed, or existing GDF. Pressure/Vacuum vents on gasoline storage tanks and the equipment necessary to unload product from cargo tanks into the storage tanks at GDF are covered emission sources. The equipment used for the refueling of motor vehicles is not covered by this subpart.</p> <p>(1) An affected source is a new affected source if you commenced construction on the affected source after November 9, 2006, and you meet the applicability criteria in 40 CFR Part 63.11111 [Condition T-2] at the time you commenced operation.</p> <p>(2) An affected source is reconstructed if you meet the criteria for reconstruction as defined following, referenced from 40 CFR Part 63.2: Reconstruction, means the replacement of components of an affected or a previously nonaffected source to such an extent that the fixed capital cost of the new components exceeds 50 percent of the fixed capital cost that would be required to construct a comparable new source, and if it is technologically and economically feasible for the reconstructed source to meet the relevant standard(s) established by the Administrator pursuant to section 112 of the Clean Air Act. Upon reconstruction, an affected source, or a stationary source that becomes an affected source, is subject to relevant standards for new sources, including compliance dates, irrespective of any change in emissions of hazardous air pollutants from that source.</p> <p>(3) An affected source is an existing affected source if it is not new or reconstructed. [40 CFR 63.11112]</p>

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GRPT0000000006 (continued):

Narrative Requirements:

Condition No.	Condition
T-5	<p>40 CFR Part 63.11113 COMPLIANCE DATES</p> <p>(1) If you have a new or reconstructed affected source, you must comply with the standards in this subpart upon startup of your affected source.</p> <p>(2) If you have an existing affected source, you must comply with the standards in this subpart no later than January 10, 2011.</p> <p>(3) If you have an existing affected source that becomes subject to the control requirements in this subpart because of an increase in the monthly throughput, you must comply with the standards in this subpart no later than 3 years after the affected source becomes subject to the control requirements in this subpart.</p> <p>(4) If you have a new or reconstructed affected source and you are complying with Table 1 to 40 CFR Part 63 Subpart CCCCCC, included in Appendix C, Page C1, you must comply upon startup of your affected source.</p> <p>(5) If your GDF is subject to the control requirements in this subpart only because it loads gasoline into fuel tanks other than those in motor vehicles you must comply with the standards in this subpart as specified in paragraphs (5)(i) or (ii) of this section.</p> <p>(i) If your GDF is an existing facility, you must comply by January 24, 2014.</p> <p>(ii) If your GDF is a new or reconstructed facility, you must comply upon startup of your GDF. [40 CFR 63.11113]</p>
T-6	<p>40 CFR Part 63.11115 GENERAL DUTIES TO MINIMIZE EMISSIONS</p> <p>(a) You must, at all times, operate and maintain any affected 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. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.</p> <p>(b) You must keep applicable records and submit reports as specified in 40 CFR Part 63.11125(d) [Condition T-9 (a)] and 40 CFR Part 63.11126(b) [Condition T-9 (b)]. [40 CFR 63.11115]</p>

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Narrative Requirements:

Condition No.	Condition
T-7	<p>40 CFR Part 63.11117 REQUIREMENTS FOR FACILITIES WITH A MONTHLY THROUGHPUT OF MORE THAN 10,000 GALLONS AND LESS THAN 100,000 GALLONS</p> <p>(a) You must not allow gasoline to be handled in a manner that would result in vapor releases to the atmosphere for extended periods of time. Measures to be taken include, but are not limited to, the following:</p> <ul style="list-style-type: none">(1) Minimize gasoline spills;(2) Clean up spills as expeditiously as practicable;(3) Cover all open gasoline containers and all gasoline storage tank fill-pipes with a gasketed seal when not in use;(4) Minimize gasoline sent to open waste collection systems that collect and transport gasoline to reclamation and recycling devices, such as oil/water separators. <p>(b) Except as specified in paragraph (c) of this section, you must only load gasoline into storage tanks at your facility by utilizing submerged filling and as specified in paragraphs (b)(1) through (b)(3) of this section. The applicable distances in paragraphs (b)(1) and (2) shall be measured from the point in the opening of the submerged fill pipe that is the greatest distance from the bottom of the storage tank.</p> <ul style="list-style-type: none">(1) Submerged fill pipes installed on or before November 9, 2006, must be no more than 12 inches from the bottom of the tank.(2) Submerged fill pipes installed after November 9, 2006, must be no more than 6 inches from the bottom of the tank.(3) Submerged fill pipes not meeting the specifications of paragraphs (b)(1) or (b)(2) of this section are allowed if the owner or operator can demonstrate that the liquid level in the tank is always above the entire opening of the fill pipe. Documentation providing such demonstration must be made available for inspection by the Administrator's delegated representative during the course of a site visit. <p>(c) Gasoline storage tanks with a capacity of less than 250 gallons are not required to comply with the submerged fill requirements in paragraph (b) of this section, but must comply only with all of the requirements in paragraph (a).</p> <p>(d) You must have records available within 24 hours of a request by the Administrator to document your gasoline throughput.</p> <p>(e) You must submit the applicable notifications as required under 40 CFR Part 63.11124(a) [Condition T-9 (a)].</p> <p>(f) You must comply with the requirements of this subpart by the applicable dates contained in 40 CFR Part 63.11113 [Condition T-5]. [40 CFR 63.11117]</p>

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Camp Shelby Training Site
Facility Requirements
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GRPT0000000006 (continued):

Narrative Requirements:

Condition No.	Condition
T-8	<p>40 CFR Part 63.11124 NOTIFICATIONS TO SUBMIT:</p> <p>(a) Each owner or operator subject to the control requirements in 40 CFR Part 63.11117 [Condition T-7] must comply with the paragraphs following:</p> <p>(1) You must submit an Initial Notification that you are subject to 40 CFR Part 63 Subpart CCCCCC by May 9, 2008, or at the time you become subject to the control requirements in 40 CFR Part 63.11117 [Condition T-7]. If your affected source is subject to the control requirements in 40 CFR Part 63.11117 only because it loads gasoline into fuel tanks other than those in motor vehicles you must submit the Initial Notification by May 24, 2011. The Initial Notification must contain the information specified in paragraphs (a)(1)(i) through (iii) of this section. The notification must be submitted to the applicable EPA Regional Office and delegated State authority.</p> <p>(i) The name and address of the owner and the operator.</p> <p>(ii) The address (i.e., physical location) of the GDF.</p> <p>(iii) A statement that the notification is being submitted in response to 40 CFR Part 63 Subpart CCCCCC and identifying the requirements in paragraphs (a) through (c) of 40 CFR Part 63.11117 [Condition T-7] that apply to you.</p> <p>(2) You must submit a Notification of Compliance Status to the applicable EPA Regional Office and the delegated State authority within 60 days of the applicable compliance date. The Notification of Compliance Status must be signed by a responsible official who must certify its accuracy, must indicate whether the source has complied with the requirements of this subpart, and must indicate whether the facilities' monthly throughput is calculated based on the volume of gasoline loaded into all storage tanks or on the volume of gasoline dispensed from all storage tanks. If your facility is in compliance with the requirements of this subpart at the time the Initial Notification required under paragraph (a)(1) of this section is due, the Notification of Compliance Status may be submitted in lieu of the Initial Notification provided it contains the information required under paragraph (a)(1) of this section. [40 CFR 63.11124(a)]</p>

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GRPT0000000006 (continued):

Narrative Requirements:

Condition No.	Condition
T-9	<p>40 CFR Part 63.11125, 63.11126, 63.11130 RECORDKEEPING, REPORTING, AND GENERAL PROVISION REQUIREMENTS:</p> <p>(a) Each owner or operator of an affected source under this subpart shall keep records as specified in paragraphs (a)(1) and (2) of this section.</p> <p>(1) Records of the occurrence and duration of each malfunction of operation or the air pollution control and monitoring equipment.</p> <p>(2) Records of actions taken during periods of malfunction to minimize emissions including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.</p> <p>(b) Each owner or operator of an affected source under this subpart shall report, by March 15 of each year, the number, duration, and a brief description of each type of malfunction which occurred during the previous calendar year and which caused or may have caused any applicable emission limitation to be exceeded. The report must also include a description of actions taken by an owner or operator during a malfunction of an affected source to minimize emissions in accordance with 40 CFR Part 63.11115(a) [Condition T-6], including actions taken to correct a malfunction. No report is necessary for a calendar year in which no malfunctions occurred.</p> <p>(c) Table 3 to 40 CFR Part 63 Subpart CCCCCC, included in Appendix C, starting on Page C3, shows which parts of the General Provisions apply to you. [40 CFR 63.11125(d), 40 CFR 63.11126, 40 CFR 63.11130]</p>

GENERAL INFORMATION

Camp Shelby Training Site
Highway 49 South
Camp Shelby, MS
Forrest County

Alternate/Historic Identifiers

ID	Alternate/Historic Name	User Group	Start Date	End Date
12010	Mississippi Army National Guard	Official Site Name	7/1/1997	
2803500036	Camp Shelby Training Site	Air-AIRS AFS	10/12/2000	
MSD981749401	Mississippi Army National Guard, Camp Shelby, Training Site, Dol Warehouse	Hazardous Waste-EPA ID	3/3/1998	3/24/2005
080000036	Mississippi Army National Guard, Camp Shelby, Training Site, Dol Warehouse	Air-Title V Operating	6/4/1998	6/1/2003
MSR101355	Mississippi Army National Guard, Camp Shelby, Training Site, Dol Warehouse	GP-Construction	5/28/1999	1/13/2003
MS0051560	Mississippi Army National Guard, Camp Shelby, Training Site, Dol Warehouse	Water - NPDES	2/18/2000	2/19/2000
MSR101355	Camp Shelby Training Site, GV Sonny Montgomery MPRCH	GP-Construction	1/13/2003	9/2/2005
080000036	Camp Shelby Training Site	Air-Synthetic Minor Operating	3/26/2004	2/28/2009
MSD981749401	US Property & Fiscal Office-MS	Hazardous Waste-EPA ID	3/24/2005	
WTH182	USPFO Mississippi Mississippi Department of the Army Camp Shelby	SolidWaste - Waste Tire Hauler ID	7/1/2002	6/30/2003
MSR101355	Camp Shelby Training Site, GV Sonny Montgomery MPRCH	GP-Construction	9/3/2005	5/31/2010
MSR001817	Mississippi Army National Guard, Camp Shelby Training Site, Cantonment Area	GP-Baseline	11/30/2007	2/28/2013
WQC1999029	Camp Shelby Training Site	WQC Number	3/18/1999	
MS9900594L	Camp Shelby Training Site	COE Public Notice/ Permit Number	3/18/1999	4/19/1999
5589	Central Vehicle Wash Facility	Official Site Name	10/12/2000	10/12/2000
722	Csms Number 1	UST	12/17/1990	
080000036	Camp Shelby Training Site	Air-Synthetic Minor Operating	8/10/2009	10/28/2013
MSR001817	Camp Shelby Training Site	GP-Baseline	2/28/2013	9/28/2015
080000036	Camp Shelby Training Site	Air-Synthetic Minor Operating	10/28/2013	9/30/2018

Basin: Pascagoula River Basin

GENERAL INFORMATION

Location Description:PG- Plant Entrance (General). Data collected by J. Dewayne Headrick on 11/2/2005. Taken at South Gate.