



State of Mississippi



FEDERALLY ENFORCEABLE AIR POLLUTION CONTROL PERMIT

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

THIS CERTIFIES

**MSARNG, Camp McCain Training Center
3152 James H Bidby Road
Elliott, MS
Grenada 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. seq., 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 05 2015

Expires: SEP 30 2020

Permit No. 0960-00032

Agency Interest # 5878

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Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

MSARNG, Camp McCain Training Center

Subject Item Inventory

Permit Number:0960-00032

Activity ID No.: PER20150001

Subject Item Inventory:

ID	Designation	Description
AI5878		United States Army Training Site
EQPT1	AA-001	Facility Wide Surface Coating Operations [Includes painting; degreasing; solvent cleaning; steam cleaning.]
EQPT2	AA-002	Facility Wide Natural Gas-fired Combustion Equipment [Includes units with capacity (each) rated between 0.01 and 2.5 MMBTU/hr; (totalling 29.08 MMBTU/hr).]
EQPT3	AA-003	Facility Wide Propane-fired Combustion Equipment [Includes units with capacity (each) rated between 0.001 and 0.18 MMBTU/hr; (totalling 0.345 MMBTU/hr).]
EQPT4	AA-004	Facility-Wide Welding Operations
EQPT6	AA-006	25,000 Gallon Jet Fuel Storage Tank
EQPT7	AA-007	Four (4) 660 Gallon Waste Oil Storage Tanks
EQPT10	AA-010	5,000 Gallon Diesel Storage Tank
EQPT11	AA-011	One (1) 40 kW (54 HP) Diesel-fired Emergency Generator
EQPT12	AA-012	One (1) 300 kW (403 HP) Diesel-fired Emergency Generator
EQPT13	AA-013	One (1) 360 kW (483 HP) Diesel-fired Emergency Generator
EQPT14	AA-014	One (1) 50 kW (67 HP) Diesel-fired Emergency Generator
EQPT15	AA-015	One (1) 80 kW (107 HP) Diesel-fired Emergency Generator
EQPT16	AA-016	One (1) 60 kW (80 HP) Diesel-fired Emergency Generator
EQPT17	AA-017	One (1) 80 kW (107 HP) Diesel-fired Emergency Generator
EQPT18	AA-018	One (1) 50 kW (70 HP) Natural Gas-fired Emergency Generator
EQPT19	AA-019	One (1) 300 kW (402 HP) Diesel-fired Emergency Generator

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Activity ID No.: PER20150001

ID	Designation	Description
EQPT20	AA-020	One (1) 100 kW (134 HP) Diesel-fired Emergency Generator

Subject Item Groups:

ID	Description	Components
GRPT1	Emergency Generators subject to 40 CFR Part 60, Subpart IIII	EQPT11 One (1) 40 kW (54 HP) Diesel-fired Emergency Generator
		EQPT12 One (1) 300 kW (403 HP) Diesel-fired Emergency Generator
		EQPT13 One (1) 360 kW (483 HP) Diesel-fired Emergency Generator
		EQPT14 One (1) 50 kW (67 HP) Diesel-fired Emergency Generator
		EQPT15 One (1) 80 kW (107 HP) Diesel-fired Emergency Generator
		EQPT16 One (1) 60 kW (80 HP) Diesel-fired Emergency Generator
		EQPT17 One (1) 80 kW (107 HP) Diesel-fired Emergency Generator
		EQPT19 One (1) 300 kW (402 HP) Diesel-fired Emergency Generator
		EQPT20 One (1) 100 kW (134 HP) Diesel-fired Emergency Generator

KEY

ACT = Activity

AREA = Area

CONT = Control Device

IA = Insignificant Activity

MAFO = Animal Feeding Operation

AI = Agency Interest

CAFO = Concentrated Animal Feeding Operation

EQPT = Equipment

IMPD = Impoundment

PCS = PCS

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KEY

RPNT = Release Point

TRMT = Treatment

WDPT = Withdrawal Point

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AI0000005878 United States Army Training Site:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		For the entire facility, the permittee shall not cause, allow, or permit the discharge into the ambient air from any point source or emissions, any air contaminant of such opacity to obscure an observer's view to a degree in excess of 40%, as determined by EPA Test Method 9, 40 CFR 60, Appendix A. [11 Miss. Admin. Code Pt. 2, R. 1.3.B.]
L-2		For the entire facility, the maximum permissible emission of ash and/or particulate matter from 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, R. 1.3.D(1)(a).]
L-3		For the entire facility, the permittee shall not allow the emission of particulate matter in total quantities in any one hour from any manufacturing process, which includes any associated stacks, vents, outlets, or combination thereof, to exceed the amount determined by the relationship $E = (4.1) \cdot (p^{0.67})$, where E is the emission rate in pounds per hour and p is the process weight input rate in tons per hour. (Conveyor discharge of coarse solid matter may be allowed if no nuisance is created beyond the property boundary where the discharge occurs.). [11 Miss. Admin. Code Pt. 2, R. 1.3.F(1).]
L-4		For the entire facility, the maximum discharge of sulfur oxides from any 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, R. 1.4.A(1).]
L-5		For the entire facility, the permittee shall limit volatile organic compound (VOC) emissions to no more than 99.0 tons per year as determined for each consecutive 12-month period. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).]
L-6		For the entire facility, the permittee shall limit hazardous air pollutant (HAP) emissions to no more than 9.90 tons per year of any single HAP and no more than 24.90 tons per year of total combined HAP as determined for each consecutive 12-month period. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).]
L-7		For the entire facility (specifically Emission Point AA-006), the permittee is subject to and shall comply with 40 CFR Part 60, Subpart Kb - New Source Performance Standards for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 in accordance with 40 CFR 60.110b(a). [40 CFR 60.110b(a)]

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AI0000005878 (continued):

Limitation Requirements:

Condition No.	Parameter	Condition
L-8		For the entire facility (specifically Emission Points AA-011 through AA-020), the permittee is subject to and shall comply with 40 CFR Part 63, Subpart ZZZZ - National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE) in accordance with 63.6585(c) and 63.6590(a)(2)(iii). [40 CFR 63.6585(c), 40 CFR 63.6590(a)(2)(iii)]
L-9		For the entire facility (specifically Emission Points AA-011 through AA-017, AA-019 and AA-020), the permittee is subject to and shall comply with 40 CFR Part 60, Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (CI ICE) in accordance with 40 CFR 63.6590(c)(1) and 40 CFR 63.4200(a)(2)(i). [40 CFR 63.6590(c)(1), 40 CFR 60.4200(a)(2)(i)]
L-10		For the entire facility (specifically Emission Point AA-018), the permittee is subject to and shall comply with 40 CFR Part 60, Subpart JJJJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (SI ICE) in accordance with 40 CFR 63.6590(c)(1) and 40 CFR 60.4230(a)(4)(iv). [40 CFR 63.6590(c)(1), 40 CFR 60.4230(a)(4)(iv)]

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Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		<p>For the entire facility, the permittee shall determine the following for each coating, adhesive, solvent, or other VOC or HAP containing material used:</p> <ul style="list-style-type: none">(a) quantity used (gal);(b) the percentage of VOC by weight;(c) the percentage of HAP by weight; and(d) the density (lb/gal). <p>The permittee may utilize data supplied by the manufacturer, or analysis of VOC and HAP content by EPA Test Method 311, 40 CFR Part 63, Appendix A, respectively. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).]</p>

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Record-Keeping Requirements:

Condition No.	Condition
R-1	<p>For the entire facility, the permittee shall maintain sufficient records to document:</p> <ul style="list-style-type: none">(a) identification of each coating, adhesive, solvent or other VOC or HAP containing material used, and the total gallons of each coating and each solvent used on a monthly basis and in any consecutive 12-month period;(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; and(c) the density of each coating, adhesive, solvent or other VOC or HAP containing material(d) the total VOC emission rate, the emission rate of each individual HAP and the total HAP emission rate in tons per year based on a consecutive 12-month period. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).]
R-2	<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, R. 2.2.B(10).]</p>

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Submittal/Action Requirements:

Condition No.	Condition
S-1	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) 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 any consecutive 12-month period; and (d) the total VOC emission rate, the emission rate of each individual HAP and the total HAP emission rate in tons per year based on a consecutive 12-month period. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).]
S-2	Except as otherwise specified herein, the permittee shall Submit a certified annual synthetic minor monitoring report: Due annually, by the 31st of January for preceding calendar year. This report shall address any required monitoring specified in the permit. [11 Miss. Admin.Code Pt. 2, R.2.2.B(11).]
S-3	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:

Condition No.	Condition
T-1	General Condition: Any activities not identified in the application are not authorized by this permit. [Miss. Code Ann. 49-17-29 1.b]
T-2	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.]

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Narrative Requirements:

Condition No.	Condition
T-3	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-4	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-5	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-6	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: (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 (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]
T-7	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: (a) Violation of any terms or conditions of this permit (b) Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or (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.]
T-8	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-9	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]

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AI0000005878 (continued):

Narrative Requirements:

Condition No.	Condition
T-10	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-11	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-12	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-13	General Condition: This permit is for air pollution control purposes only. [11 Miss. Admin.Code Pt. 2, R. 2.1.D(1).]
T-14	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-15	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).]
T-16	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).]

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Narrative Requirements:

Condition No.	Condition
T-17	<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-18	<p>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).]</p>
T-19	<p>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.]</p>
T-20	<p>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).]</p>

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Narrative Requirements:

Condition No.	Condition
T-21	<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-22	<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-23	<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-24	<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-25	<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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EQPT0000000006 (AA-006) 25,000 Gallon Jet Fuel Storage Tank:

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		For Emission Point AA-006, the permittee shall visually inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with Volatile Organic Liquids (VOL). The permittee shall inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. [40 CFR 60.113b(a)]

Record-Keeping Requirements:

Condition No.	Condition
R-1	For Emission Point AA-006, the permittee is also required to keep a record of each inspection performed. [40 CFR 60.115b(a)]
R-2	For Emission Point AA-006, the permittee shall keep records showing the dimensions of the storage vessel and an analysis showing the capacity of the storage vessel. These records are required to be kept for the life of the source. In addition, the permittee shall maintain a record of the Volatile Organic Liquid (VOL) stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period. [40 CFR 60.116b(a), (b), and (c)]

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EQPT0000000018 (AA-018) One (1) 50 kW (70 HP) Natural Gas-fired Emergency Generator:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		For Emission Point AA-018, the permittee shall not install engines that do not meet the applicable requirements in 40 CFR 60.4233 (of 40 CFR Part 60, Subpart JJJJ) after January 1, 2011. [40 CFR 60.4236(c)]

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		For Emission Point AA-018, the permittee shall install a non-resettable hour meter upon startup of the emergency engine. [40 CFR 60.4237(c)]
M-2		<p>For Emission Point AA-018, the permittee is subject to the following compliance requirements:</p> <p>(a) 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 permittee may petition 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 ICE beyond 100 hours per year. For permittees 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; and</p> <p>(b) may operate using propane for a maximum of 100 hours per year as an alternative fuel solely during emergency operations, but shall keep records of such use. [40 CFR 60.4243(d) and (e)]</p>

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EQPT00000000018 (continued):

Record-Keeping Requirements:

Condition No.	Condition
R-1	<p>For Emission Point AA-018, the permittee shall comply with the following recordkeeping requirements:</p> <ul style="list-style-type: none">(a) all notifications submitted to comply with this subpart and all documentation supporting any notification;(b) maintenance conducted on the engine;(c) documentation from the manufacturer that the engine is certified to meet the emission standards and information as required in 40 CFR Parts 90, 1048, 1054, and 1060, as applicable; and(d) 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). [40 CFR 60.4245(a) and (b)]

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GRPT0000000001 ((AA-011 through AA-017, AA-019 and AA-020)) Emergency Generators subject to 40 CFR Part 60, Subpart IIII:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		For Emission Points AA-011 through AA-017, AA-019 and AA-020, the permittee shall comply with 40 CFR 60.4202. [As stated in 40 CFR 60.4202(a)(2), a manufacturer, for all pollutants beginning in model year 2007, shall comply with certification emission standards required in accordance with 40 CFR 89.112 and 89.113.]. [40 CFR 60.4205(b)]
L-2		For Emission Points AA-011 through AA-017, AA-019 and AA-020, the permittee shall operate and maintain stationary CI ICE that achieve the emission standards as required in 40 CFR 60.4205 according to the manufacturer's written instructions or procedures developed by the permittee that are approved by the engine manufacturer, over the entire life of the engine. [40 CFR 60.4206]
L-3		For Emission Points AA-011 through AA-017, AA-019 and AA-020, beginning October 1, 2010, the permittee shall use diesel fuel that meets the requirement of 40 CFR 80.510(b) for nonroad diesel fuel, except that any existing diesel fuel purchased (or otherwise obtained) prior to October 1, 2010, may be used until depleted. [40 CFR 60.4207(b)]

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		For Emission Points AA-011 through AA-017, AA-019 and AA-020, the permittee shall meet the monitoring requirements specified in 40 CFR 60.4211 and install a non-resettable hour meter prior to startup of the engine. [40 CFR 60.4209(a)]
M-2		For Emission Points AA-011 through AA-017, AA-019 and AA-020, if required to comply with the emission standards specified in the Subpart, the permittee shall operate and maintain the stationary CI internal combustion engine and control device (if any) according to the manufacturer's written instructions or procedures developed by the permittee that are approved by the engine manufacturer. In addition, the permittee may only change those settings that are permitted by the manufacturer. The permittee shall also meet the requirements of 40 CFR Parts 89, 94 and/or 1068, as they apply. [40 CFR 60.4211(a)]

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GRPT0000000001 (continued):

Monitoring Requirements:

Condition No.	Parameter	Condition
M-3		For Emission Points AA-011 through AA-017, AA-019 and AA-020, if required to comply with the emission standards specified in 40 CFR 60.4205(b) or 40 CFR 60.4205(c), the permittee shall comply by purchasing an engine certified to the emission standards in 40 CFR 60.4204(b), or 40 CFR 60.4205(b) or (c), as applicable, for the same model year and maximum (or in the case of fire pumps, NFPA nameplate) engine power. The engine shall be installed and configured according to the manufacturer's specifications. [40 CFR 60.4211(c)]

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GRPT0000000001 (continued):

Monitoring Requirements:

Condition No.	Parameter	Condition
M-4		<p>For Emission Points AA-011 through AA-017, AA-019 and AA-020, any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year, as described in the following, is prohibited. There is no time limit on the use in emergency situations. May be operated for any combination of these purposes (for a maximum of 100 hours per calendar year):. maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine; emergency demand response for periods in which the Reliability Coordinator under the North American Electric Reliability Corporation (NERC) Reliability Standard EOP-002-3, Capacity and Energy Emergencies (incorporated by reference, see 40 CFR 60.17), or other authorized entity as determined by the Reliability Coordinator, has declared an Energy Emergency Alert Level 2 as defined in the NERC Reliability Standard EOP-002-3; periods where there is a deviation of voltage or frequency of 5 percent or greater below standard voltage or frequency. May be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing and emergency demand response. Except as provided above, the 50 hours per calendar year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity. The 50 hours per year for non-emergency situations can be used to supply power as part of a financial arrangement with another entity if the engine is dispatched by the local balancing authority or local transmission and distribution system operator, the dispatch is intended to mitigate local transmission and/or distribution limitations so as to avert potential voltage collapse or line overloads that could lead to the interruption of power supply in a local area or region, the dispatch follows reliability, emergency operation or similar protocols that follow specific NERC, regional, state, public utility commission or local standards or guidelines, the power is provided only to the facility itself or to support the local transmission and distribution system, and the permittee identifies and records the entity that dispatches the engine and the specific NERC, regional, state, public utility commission or local standards or guidelines that are being followed for dispatching the engine. The local balancing authority or local transmission and distribution system operator may keep these records on behalf of the permittee. [40 CFR 60.4211(f)]</p>

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GRPT0000000001 (continued):

Monitoring Requirements:

Condition No.	Parameter	Condition
M-5		For Emission Points AA-011 through AA-017, AA-019 and AA-020, if the permittee does not install, configure, operate, and maintain the engine and control device according to the manufacturer's emission-related written instructions, or the permittee changes emission-related settings in a way that is not permitted by the manufacturer, then the permittee shall demonstrate compliance by keeping a maintenance plan and records of conducted maintenance and shall, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions. In addition, the permittee shall 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 the permittee changes emission-related settings in a way that is not permitted by the manufacturer. [40 CFR 60.4211(g)]

Record-Keeping Requirements:

Condition No.	Condition
R-1	For Emission Points AA-011 through AA-017, AA-019 and AA-020, the permittee is not required to submit an initial notification. Starting with model year 2011 (Table 5 to the Subpart), the permittee shall keep records of the operation of the engine in emergency and non-emergency service that are recorded through the non-resettable hour meter. The permittee shall record the time of operation of the engine and the reason the engine was in operation during that time. [40 CFR 60.4214(b) and Table 5]

GENERAL INFORMATION

MSARNG, Camp McCain Training Center
3152 James H Bidby Road
Elliott, MS
Grenada County

Alternate/Historic Identifiers

ID	Alternate/Historic Name	User Group	Start Date	End Date
5878	Mississippi Army National Guard	Official Site Name	2/17/1993	
2804300032	MSARNG, Camp McCain Training Center	Air-AIRS AFS	10/12/2000	
MS8211800000	Mississippi Army National Guard, Camp McCain Training Center	Hazardous Waste-EPA ID	10/12/2000	
096000032	Mississippi Army National Guard, Camp McCain Training Center	Air-Synthetic Minor Operating	10/20/1997	10/1/2002
MSR100100	Mississippi Army National Guard, Camp McCain Training Center	GP-Construction	2/17/1993	7/16/2005
MSU094038	Camp McCain Aviation Training Area	Water - SOP	6/4/1999	5/6/2004
MSR001385	Mississippi Army National Guard, Camp McCain	GP-Baseline	7/1/1999	1/29/2001
MSR001385	Mississippi Army National Guard, Camp McCain	GP-Baseline	1/29/2001	1/4/2006
MS0029564	Camp McCain	Water - NPDES	5/6/1997	4/30/2002
MS0029564	MSARNG, Camp McCain Training Center	Water - NPDES	1/9/2003	12/31/2007
MSR103059	Mississippi Army National Guard, Camp McCain Training Center	GP-Construction	4/21/2004	7/16/2005
MSU094038	Camp McCain Aviation Training Area	Water - SOP	5/6/2004	4/30/2009
MSR103059	Mississippi Army National Guard, Camp McCain Training Center	GP-Construction	7/17/2005	5/31/2010
096000032	Mississippi Army National Guard, Camp McCain Training Center	Air-Synthetic Minor Operating	12/21/2005	11/30/2010
MSR001385	Mississippi Army National Guard, Camp McCain	GP-Baseline	1/4/2006	1/13/2011
WQC2006029	MSARNG, Camp McCain Training Center, Landing Zone	WQC Number	1/9/2007	
MVKASJ2005509	MSARNG, Camp McCain Training Center, Landing Zone	COE Public Notice/ Permit Number	3/13/2006	4/3/2006
MS0029564	MSARNG, Camp McCain Training Center	Water - NPDES	5/7/2008	4/15/2013
096000032	MSARNG, Camp McCain Training Center	Air-Synthetic Minor Operating	1/13/2011	10/5/2015
MSR001385	Mississippi Army National Guard, MSARNG, Camp McCain Training Center	GP-Baseline	1/13/2011	9/28/2015
MS0029564	MSARNG, Camp McCain Training Center	Water - NPDES	4/15/2013	3/31/2018
MSR106841	Greenbriar DSLP MSARNG, Camp McCain Training Center	GP-Construction	2/23/2015	12/31/2015
MSR106977	Mississippi Military Department, MSARNG, Camp McCain Training Center, U	GP-Construction	8/31/2015	12/31/2015

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ID	Alternate/Historic Name	User Group	Start Date	End Date
096000032	MSARNG, Camp McCain Training Center	Air-Synthetic Minor Operating	10/5/2015	9/30/2020

Basin: Yazoo River Basin

Location Description:PG- Plant Entrance (General). Data collected by Mike Hardy on 11/8/2005. Elevation 241 feet. Just inside gate at Hayward Road.