State of Mississippi

FEDERALLY ENFORCEABLE AIR POLLUTION CONTROL PERMIT

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

THIS CERTIFIES

US Navy, Naval Construction Battalion Center
5200 CBC
2nd Street Code 17
Gulfport, MS
Harrison 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 0 4 2011

Expires: SEP 3 0 2016

Permit No. 1020-00080

Agency Interest # 3290

*** Official MDEQ Permit - Version 1.1 ***

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Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

US Navy, Naval Construction Battalion Center

Subject Item Inventory

Permit Number:1020-00080

Activity ID No.: PER20100001

Subject Item Inventory:

ID	Designation	Description
EQPT1	AA-001	Various Natural Gas Fired External Combustion Equipment
EQPT2	AA-002	Various Diesel Fired Emergency Backup Internal Combustion Generators, Fire Pumps and Water Pumps in any combination (Compression Ignition (CI) Internal Combustion Engines (ICE))
EQPT3	AA-003	Painting, Cleaning, and Solvent Usage Operations
EQPT4	AA-004	Woodworking and Carpentry Operations
EQPT5	AA-005	All Gasoline Dispensing Facilities and Associated Storage Tanks
EQPT6	AA-006	All Welding Operations
EQPT8	AA-008	Various Natural Gas Fired Emergency Backup Internal Combustion Generators (Spark Ignition (SI) Internal Combustion Engines (ICE))
AI3290		

Subject Item Groups:

ID	Description	Components
GRPT1	MACT Subpart ZZZZ	EQPT2 Various Diesel Fired Emergency Backup Internal Combustion Generators, Fire Pumps and Water Pumps in any combination (Compression Ignition (CI) Internal Combustion Engines (ICE))
		EQPT8 Various Natural Gas Fired Emergency Backup Internal Combustion Generators (Spark Ignition (SI) Internal Combustion Engines (ICE))

Receiving Stream Relationships:

Subject Item	Relationship	Receiving Stream
AI 3290	Discharges Into	HC/Gulfport POTW MS0023345
	Then Into	Bernard Bayou

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

US Navy, Naval Construction Battalion Center

Subject Item Inventory

Permit Number:1020-00080

Activity ID No.: PER20100001

Subject Item	Relationship	Receiving Stream
AI 3290	Then Into	Turkey Creek

KEY

ACT = Activity	AI = Agency Interest
AREA = Area	CAFO = Concentrated Animal Feeding Operation
CONT = Control Device	EQPT = Equipment
IA = Insignificant Activity	MAFO = Animal Feeding Operation
RPNT = Release Point	TRMT = Treatment

EQPT0000000001 (AA-001) Various Natural Gas Fired External Combustion Equipment:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Particulate Matter	Particulate Matter: 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. [APC-S-1 3.4(a)1]
L-2	Sulfur Dioxide	Sulfur Dioxide: 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. [APC-S-1 4.1(a)]
L-3		The maximum rated capacity of any individual unit shall not exceed 9.9 MMBTU/hr. [APC-S-2 II.B(10)]
L-4		The permittee is resitricted to firing a total of 300,000,000 cubic feet/year of natural gas through all affected units in any consecutive 12-month period. [APC-S-2 II.B(10)]
L-5		The permittee shall only burn natural gas. [APC-S-2 II.B(10)]

Record-Keeping Requirements:

Condition No.	Condition
R-1	The permittee shall keep a log of the rated capacity, the startup date and the shutdown date of all equipment added to or removed from this emission point. [APC-S-2 II.B(10)]
R-2	The permittee shall monitor and record the total amount of fuel fired as cubic feet of natural gas on a monthly and consecutive 12-month basis. [APC-S-2 II.B(10)]

EQPT0000000001 (continued):

Submittal/Action Requirements:

Condition No.	Condition
S-1	The permittee shall submit annually a report of the amount of natural gas fired for each 12-month period. [APC-S-2 II.B(10)]

Narrative Requirements:

Condition No.	Condition
T-1	The permittee is subject to and shall comply with all applicable requirements of the National Emission Standards for Hazardous Air Pollutants for Area Source: Industrial, Commercial, and Institutional Boilers, 40 CFR Part 63, Subpart JJJJJJ by March 21, 2012, should a diesel fired boiler be brought onsite and shall submit all required notifications to MDEQ. [40 CFR 63.11196]

EQPT0000000002 (AA-002) Various Diesel Fired Emergency Backup Internal Combustion Generators, Fire Pumps and Water Pumps in any combination (Compression Ignition (CI) Internal Combustion Engines (ICE)):

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Particulate Matter	Particulate Matter: 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. [APC-S-1 3.4(a)1]
L-2	Sulfur content	Sulfur content: The permittee shall be limited to firing fuel oil with a maximum sulfur content of 0.5% Sulfur by weight, unless specified more stringent in an applicable federal regulation. [APC-S-2 II.B(10)]
L-3		Operational Limit: The permittee shall not exceed a total annual combined operating limit of 2,687,040 kW-hrs for all units, in any consecute 12-month period. [APC-S-2 II.B(10)]
L-4		The permittee shall comply with the following emissions limitations for engines subject to 40 CFR 60, Subpart IIII: (a) For a pre-2007 model year emergency stationary Compression Ignition (CI) Internal Combustion Engine (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 Subpart IIII. Owners and operators of pre-2007 model year non-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 in 40 CFR 94.8(a)(1). (b) For a 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 §60.4202, for all pollutants, for the same model year and maximum engine power for their 2007 model year and later emergency stationary CI ICE. (c) For a fire pump engines with a displacement of less than 30 liters per cylinder must comply with the emission standards in table 4 of Subpart IIII, for all pollutants. (d) For emergency stationary CI ICE with a displacement of greater than or equal to 30 liters per cylinder must meet the following requirements: (1) Reduce NOX emissions by 90 percent or more, or limit the emissions of NOX in the stationary CI internal combustion engine exhaust to 1.6 grams per KW-hour (1.2 grams per HP-hour). (2) Reduce PM emissions by 60 percent or more, or limit the emissions of PM in the stationary CI internal combustion engine exhaust to 0.15 g/KW-hr (0.11 g/HP-hr). [40 CFR 60.4205]
L-5		The permittee shall use diesel fuel that meets the requirements of 40 CFR 80.510(a). [40 CFR 60.4207(b)]

EQPT0000000002 (continued):

Record-Keeping Requirements:

Condition No.	Condition
R-1	The permittee shall maintain an up-to-date list of all engines with their combined total input rated capacity kilowatt (kW) on site at all times. A 12-month rolling total of kW-hrs from all units combined must be mainted on site. [APC-S-2 II.B(10)]
R-2	The permittee shall keep records of the rated capacity and manufactured date,the date the engine is brought on site or removed, and the applicable federal standards of all engines added to or removed from this emission point. [APC-S-2 II.B(10)]
R-3	The permittee shall monitor and keep records of the hours of operation of each unit on a monthly basis and a consecutive 12-month basis. [APC-S-2 II.B(10)]
R-4	The permittee shall monitor and keep records of the fuel oil content as % sulfur by weight of each fuel shipment received. [APC-S-2 II.B(10)]
R-5	If the stationary CI internal combustion engine is an emergency stationary internal combustion engine, the permittee is not required to submit an initial notification. Starting with the model years in table 5 of Subpart IIII, if the emergency engine does not meet the standards applicable to non-emergency engines in the applicable model year, 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)]

Submittal/Action Requirements:

1. Non-resettable hour
2. reason engine in operation
3. Date brought to site

Condition No.	Condition
S-1	The permittee shall submit annually a report of each 12-month kW-Hr total. [APC-S-2 II.B(10)]

EQPT0000000002 (continued):

Narrative Requirements:

Condition No.	Condition
T-1	The permittee is subject to and shall comply with the Standards of Performance for Stationary Compression Ignition (CI) Internal Combustion Engines (ICE) and the General Provisions (40 CFR 60 Subparts IIII and A) for the CI ICE meeting the following criteria: (1) Stationary CI ICE that commence construction after July 11, 2005 where the stationary CI ICE are: (i) Manufactured after April 1, 2006 and are not fire pump engines, or (ii) Manufactured as a certified National Fire Protection Association (NFPA) fire pump engine after July 1, 2006. (2) Stationary CI ICE that modify or reconstruct their stationary CI ICE after July 11, 2005. [40 CFR 60.4200]
T-2	The permittee shall operate and maintain stationary CI ICE that achieve the emission standards as required in 40 CFR 60.4205 (Condition L-XXXX) 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]
T-3	The permittee shall operate and maintain the stationary CI internal combustion engine and control device according to the manufacturer's written instructions or procedures developed by the owner or operator 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)]
T-4	For a pre-2007 model year stationary CI internal combustion engine, the permittee shall comply with the emission standards specified in §§60.4204(a) or 60.4205(a), or for a CI fire pump engine that is manufactured prior to the model years in table 3 of Subpart IIII, the permittee shall comply with the emission standards specified in §60.4205(c), the permittee shall demonstrate compliance according to one of the methods specified in the following paragraphs: (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. (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. (3) Keeping records of engine manufacturer data indicating compliance with the standards. (4) Keeping records of control device vendor data indicating compliance with the standards. (5) Conducting an initial performance test to demonstrate compliance with the emission standards according to the requirements specified in §60.4212, as applicable. [40 CFR 60.4211(b)]

EQPT0000000002 (continued):

Narrative Requirements:

Condition No.	Condition
T-5	For a 2007 model year and later stationary CI internal combustion engine, the permittee shall comply with the emission standards specified in §60.4204(b) or §60.4205(b), or for a CI fire pump engine that is manufactured during or after the model year that applies to your fire pump engine power rating in table 3 of Subpart IIII and the permittee shall comply with the emission standards specified in §60.4205(c), the permittee shall comply by purchasing an engine certified to the emission standards in §60.4204(b), or §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 must be installed and configured according to the manufacturer's specifications. [40 CFR 60.4211(c)]
T-6	The permittee shall demonstrate compliance according to the following requirements: (1) Conducting an initial performance test to demonstrate initial compliance with the emission standards as specified in 40 CFR 60.4213 (Condition T-8). (2) Establishing operating parameters to be monitored continuously to ensure the stationary internal combustion engine continues to meet the emission standards. The permittee shall petition the MDEQ for approval of operating parameters to be monitored continuously. The petition must include the information described in paragraphs (i) through (v). (i) Identification of the specific parameters you propose to monitor continuously; (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; (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; (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 (v) A discussion identifying the frequency and methods for recalibrating the instruments you will use for monitoring these parameters. [40 CFR 60.4211(d)]
T-7	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. Anyone may petition the MDEQ 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 meeting standards under 40 CFR 60.4205 but not 40 CFR 60.4204, any operation other than emergency operation, and maintenance and testing as permitted in this section, is prohibited. [40 CFR 60.4211(e)]
T-8	For CI ICE with a displacement of greater than or equal to 30 liters per cylinder, the permittee shall conduct performance test according to 40 CFR 60.4213 (a) through (d). [40 CFR 60.4213]

EQPT0000000003 (AA-003) Painting, Cleaning, and Solvent Usage Operations:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		The permittee shall limit volatile organic compound (VOC) emissions to no more than 50.0 tons/year (TPY) as determined for each consecutive 12-month period. [APC-S-2 II.B(10)]
L-2		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. [APC-S-2 II.B(10)]

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		The permittee shall determine for each coating, adhesive, solvent or other VOC or HAP containing material used: (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); 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. [APC-S-2 II.B(11)]

EQPT0000000003 (continued):

Record-Keeping Requirements:

Condition No.	Condition
R-1	The permittee shall maintain sufficient records to document: (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; (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; (c) The density of each coating, adhesive, solvent or other VOC or HAP containing material used; (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. [APC-S-2 II.B(10)]
R-2	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. [APC-S-2 II.B(10)]

Submittal/Action Requirements:

Condition No.	Condition
S-1	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. [APC-S-2 II.B(11)]

EQPT0000000004 (AA-004) Woodworking and Carpentry Operations:

Narrative Requirements:

Condition No.	Condition
T-1	The permittee shall operate the cyclones for control of particulate matter at all times when emissions may be vented to them from woodworking or carpentry operations. [APC-S-2 II.B(10)]

EQPT0000000005 (AA-005) All Gasoline Dispensing Facilities and Associated Storage Tanks:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		The permittee shall limit volatile organic compound (VOC) emissions to no more than 22.0 tons/year (TPY) as determined for each consecutive 12-month period. [APC-S-2 II.B(10)]

Record-Keeping Requirements:

Condition No.	Condition
R-1	The permittee shall keep a log of the maximum storage capacity and material stored in all above ground storage tanks and the total monthly throughput of each material in each tank. [APC-S-2 II.B(10)]
R-2	The permittee shall calculate the VOC emissions on a montly basis and a consecutive 12-month total. [APC-S-2 II.B(10)]

EQPT0000000005 (continued):

Record-Keeping Requirements:

Condition No.	Condition
R-3	The permittee shall comply with the following recordkeeping requirements: (a) Keep records of all tests performed under 40 CFR 63.11120(a) and (b) (Conditions T-8 and T-9). (b) Records required under paragraph (a) shall be kept for a period of 5 years and shall be made available for inspection by the MDEQ during the course of a site visit. (c) For each gasoline cargo tank subject to the management practices in Table 2 of Subpart CCCCCC, the permittee shall keep records documenting vapor tightness testing for a period of 5 years. Documentation must include each of the items specified in 40 CFR 63.11094(b)(2)(i) through (viii). Records of vapor tightness testing must be retained as specified in either paragraphs (1) or (2). (1) Keep all vapor tightness testing records with the cargo tank. (2) As an alternative to keeping all records with the cargo tank, the permitee shall comply with the requirements of paragraphs (i) and (ii). (i) Keep records of only the most recent vapor tightness test with the cargo tank, and keep records for the previous 4 years at their office or another central location. (ii) Vapor tightness testing records that are kept at a location other than with the cargo tank must be instantly available (e.g., via e-mail or facsimile) to the MDEQ during the course of a site visit or within a mutually agreeable time frame. Such records must be an exact duplicate image of the original paper copy record with certifying signatures. (d) Keep records as specified below: (1) Records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment. (2) Records of actions taken during periods of malfunction to minimize emissions in accordance with 40 CFR 63.11115(a) (Condition T-3), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation. [40 CFR 63.11125]

Submittal/Action Requirements:

Condition No.	Condition
S-1	The permittee shall submit a Notification of Compliance Status to the applicable EPA Regional Office and the MDEQ, as specified in 40 CFR 63.13, 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 facility's throughput is determined 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 40 CFR 63.1124(a)(1) is due, the Notification of Compliance Status may be submitted in lieu of the Initial Notification provided it contains the information required under paragraph (1). [40 CFR 63.11124(a)(2)]

EQPT0000000005 (continued):

Submittal/Action Requirements:

Condition No.	Condition
S-2	The permittee shall submit a Notification of Performance Test, as specified in 40 CFR 63.9(e), prior to initiating testing required by 40 CFR 63.11120(a) and (b) (Conditions T-8 and T-9) and submit additional notifications specified in 40 CFR 63.9, as applicable. [40 CFR 63.11124(b)(4), 40 CFR 63.11124(b)(5)]
S-3	The permittee shall comply with the following reporting requirements: (a) The permitte shall report to MDEQ the results of all volumetric efficiency tests required under 40 CFR 63.11120(b) (Condition T-9). Reports submitted under this paragraph must be submitted within 180 days of the completion of the performance testing. (b) The permittee 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 the permittee during a malfunction of an affected source to minimize emissions in accordance with 40 CFR 63.11115(a) (Condition T-3), including actions taken to correct a malfunction. No report is necessary for a calendar year in which no malfunctions occurred. [40 CFR 63.11126]
S-4	The permittee shall submit annually a report of each 12-month total VOC emissions. [APC-S-2 II.B(10)]

Narrative Requirements:

Condition No.	Condition
T-1	The permittee is subject to and shall comply with the National Emission Standards for Hazardous Air Pollutants for Gasoline Dispensing Facilities and the General Provisions (40 CFR 63, Subparts CCCCCC and A). [40 CFR 63.11111]
T-2	The permittee shall conduct the intial compliance test required under 40 CFR 63.11120(a)(1) and (2) (Condition T-8) as follows: (i) For vapor balance systems installed on or before December 15, 2009, the permittee shall test no later than July 9, 2011. (ii) For vapor balance systems installed after December 15, 2009, the permittee shall test upon installation of the complete vapor balance system. [40 CFR 63.11113(e)(2)]

EQPT0000000005 (continued):

Narrative Requirements:

Condition No.	Condition
T-3	The permittee shall comply with the following: (a) The permittee shall operate and maintain the 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 MDEQ 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. (b) The permittee shall keep applicable records and submit reports as specified in 40 CFR 63.11125(d) (Condition R-3) and 63.11126(b) (Condition S-3). [40 CFR 63.11115]
T-4	For permittees with a monthly throughput of 100,000 gallons of gasoline or more, the permittee shall comply with the following: (a) The requirements in 40 CFR 63.11116(a) (Condition T-5) and 63.11117(b) (Condition T-6). (b) Except as provided in paragraph (c), the permittee shall comply with each management practice in Table 1 to Subpart CCCCCC that applies to your GDF. (c) The emission sources listed in paragraphs (c)(1) through (3) are not required to comply with the control requirements in paragraph (b), but must comply with the requirements in 40 CFR 63.11117. (1) Gasoline storage tanks with a capacity of less than 250 gallons that are constructed after January 10, 2008. (2) Gasoline storage tanks with a capacity of less than 2,000 gallons that were constructed before January 10, 2008. (3) Gasoline storage tanks equipped with floating roofs, or the equivalent. (d) Cargo tanks unloading at the GDF must comply with the management practices in Table 2 to this subpart. (e) You must comply with the applicable testing requirements contained in 40 CFR 63.11120 (Conditions T-8 and T-9). (f) You must submit the applicable notifications as required under 40 CFR 63.11124 (Condition S-1). (g) You must keep records and submit reports as specified in 40 CFR 63.11125 (Condition R-3) and 63.11126 (Condition S-3). [40 CFR 63.11118]
T-5	The permittee shall 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: (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. [40 CFR 63.11116(a)]

EQPT0000000005 (continued):

Narrative Requirements:

Condition No.	Condition
T-6	The permittee shall only load gasoline into storage tanks at your facility by utilizing submerged filling, as defined in 40 CFR 63.11132, and as specified in paragraphs (1), (2), or (3). The applicable distances in paragraphs (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. (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 (1) or (2) are allowed if the permittee 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 MDEQ during the course of a site visit. [40 CFR 63.11117(b)]
T-7	Gasoline storage tanks with a capacity of less than 250 gallons are not required to comply with the submerged fill requirements in 40 CFR 63.11117(b) (Condition T-7), but the permittee shall comply only with all the requirements of 40 CFR 63.11116. [40 CFR 63.11117(c)]
T-8	At the time of installation, as specified in 40 CFR 63.11113(e) (Condition T-2), of a vapor balance system and every 3 years thereafter, the permittee shall comply with the following requirements: (1) The permittee shall demonstrate compliance with the leak rate and cracking pressure requirements, specified in item 1(g) of Table 1 of Subpart CCCCCC, for pressure-vacuum vent valves installed on your gasoline storage tanks using one of the test methods identified below: (i) California Air Resources Board Vapor Recovery Test Procedure TP-201.1E,--Leak Rate and Cracking Pressure of Pressure/Vacuum Vent Valves, adopted October 8, 2003 (incorporated by reference, see 40 CFR 63.14). (ii) Use alternative test methods and procedures in accordance with the alternative test method requirements in 40 CFR 63.7(f). (2) The permittee shall demonstrate compliance with the static pressure performance requirement specified in item 1(h) of Table 1 of Subpart CCCCCC for your vapor balance system by conducting a static pressure test on your gasoline storage tanks using one of the following test methods: (i) California Air Resources Board Vapor Recovery Test Procedure TP-201.3,--Determination of 2-Inch WC Static Pressure Performance of Vapor Recovery Systems of Dispensing Facilities, adopted April 12, 1996, and amended March 17, 1999 (incorporated by reference, see 40 CFR 63.14). (ii) Use alternative test methods and procedures in accordance with the alternative test method requirements in 40 CFR 63.7(f). (iii) Bay Area Air Quality Management District Source Test Procedure ST-30--Static Pressure Integrity Test--Underground Storage Tanks, adopted November 30, 1983, and amended December 21, 1994 (incorporated by reference, see 40 CFR 63.14). [40 CFR 63.11120(a)]

EQPT0000000005 (continued):

Narrative Requirements:

Condition No.	Condition
T-9	If the permittee chooses, under the provisions of 40 CFR 63.6(g), to use a vapor balance system other than that described in Table 1of Subpart CCCCCC, the permittee shall demonstrate to the MDEQ, the equivalency of their vapor balance system to that described in Table 1 of Subpart CCCCCC using the procedures specified in paragraphs (1) through (3). (1) The permittee shall demonstrate initial compliance by conducting an initial performance test on the vapor balance system to demonstrate that the vapor balance system achieves 95 percent reduction using the California Air Resources Board Vapor Recovery Test Procedure TP-201.1,--Volumetric Efficiency for Phase I Vapor Recovery Systems, adopted April 12, 1996, and amended February 1, 2001, and October 8, 2003, (incorporated by reference, see 40 CFR 63.14). (2) The permittee shall, during the initial performance test required under paragraph (1), determine and document alternative acceptable values for the leak rate and cracking pressure requirements specified in item 1(g) of Table 1 and for the static pressure performance requirement in item 1(h) of Table 1 of Subpart CCCCCC. (3) The permittee shall comply with the testing requirements specified in 40 CFR 63.11120(a) (Condition T-7). [40 CFR 63.11120(b)]
T-10	The permittee shall conduct performance tests under such conditions based on representative performance (i.e., performance based on normal operating conditions). Upon request, the permittee shall make available to MDEQ such records as may be necessary to determine the conditions of performance tests. [40 CFR 63.11120(c)]
T-11	For gasoline cargo tanks subject to the provisions of Table 2 of Subpart CCCCCC, the permittee shall conduct annual certification testing according to the vapor tightness testing requirements found in 40 CFR 63.11092(f). [40 CFR 63.11120(d)]

EQPT0000000008 (AA-008) Various Natural Gas Fired Emergency Backup Internal Combustion Generators (Spark Ignition (SI) Internal Combustion Engines (ICE)):

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Particulate Matter	Particulate Matter: 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. [APC-S-1 3.4(a)1]
L-2		Operational Limit: The permittee shall not exceed a total annual combined operating limit of 42,500 kW-hrs for all units, in any consecutive 12-month period. [APC-S-2 II.B(10)]
L-3		For a stationary Spark Ignition (SI) Internal Combustion Engine (ICE) with a maximum engine power greater than 19 KW (25 HP) and less than 75 KW (100 HP) (except gasoline and rich burn engines that use LPG) the permittee shall comply with the emission standards for field testing in 40 CFR 1048.101(c) for their non-emergency stationary SI ICE and with the emission standards in Table 1 of Subpart JJJJ for their emergency stationary SI ICE. For a stationary SI ICE with a maximum engine power greater than 19 KW (25 HP) and less than 75 KW (100 HP) manufactured prior to January 1, 2011, that were certified to the standards in Table 1 of Subpart JJJJ applicable to engines with a maximum engine power greater than or equal to 100 HP and less than 500 HP, the permittee shall optionally choose to meet those standards. [40 CFR 60.4233(d)]
L-4		For a stationary SI ICE with a maximum engine power greater than or equal to 75 KW (100 HP) (except gasoline and rich burn engines that use LPG) the permittee shall comply with the emission standards in Table 1 of subpart JJJJ for their stationary SI ICE. For stationary SI ICE with a maximum engine power greater than or equal to 100 HP (except gasoline and rich burn engines that use LPG) manufactured prior to January 1, 2011 that were certified to the certification emission standards in 40 CFR part 1048 applicable to engines that are not severe duty engines, if such stationary SI ICE was certified to a carbon monoxide (CO) standard above the standard in Table 1 of subpart JJJJ, then the permittee shall meet the CO certification (not field testing) standard for which the engine was certified. [40 CFR 60.4233(e)]

EQPT0000000008 (continued):

Limitation Requirements:

Condition No.	Parameter	Condition
L-5		For any modified or reconstructed stationary SI ICE subject to 40 CFR 60, Subpart JJJJ, the permittee shall meet the requirements as specified in the following paragraphs: (1) For a stationary SI ICE with a maximum engine power less than or equal to 19 KW (25 HP), that are modified or reconstructed after June 12, 2006, the permittee shall comply with the same emission standards as those specified in 40 CFR 60.4233(a). (2) For a stationary SI ICE with a maximum engine power greater than 19 KW (25 HP) that use gasoline engines, that are modified or reconstructed after June 12, 2006, the permittee shall comply with the same emission standards as those specified in 40 CFR 60.4233(b). (3) For a stationary SI ICE with a maximum engine power greater than 19 KW (25 HP) that are rich burn engines that use LPG, that are modified or reconstructed after June 12, 2006, the permittee shall comply with the same emission standards as those specified in 40 CFR 60.4233(c). (4) For a stationary SI natural gas and lean burn LPG engines with a maximum engine power greater than 19 KW (25 HP), that are modified or reconstructed after June 12, 2006, the permittee shall comply with the same emission standards as those specified in 40 CCFR 60.4233(d) and (e), except that non-emergency engines and emergency engines greater than or equal to 130 HP must meet a nitrogen oxides (NOX) emission standard of 3.0 grams per HP-hour (g/HP-hr), a CO emission standard of 4.0 g/HP-hr (5.0 g/HP-hr for non-emergency engines less than 100 HP), and a volatile organic compounds (VOC) emission standard of 1.0 g/HP-hr, or a NOXemission standard of 250 ppmvd at 15 percent oxygen (O2), a CO emission standard 540 ppmvd at 15 percent O2(675 ppmvd at 15 percent O2for non-emergency engines less than 100 HP), and a VOC emission standard of 86 ppmvd at 15 percent O2, where the date of manufacture of the engine is: (i) Prior to July 1, 2007, for non-emergency engines with a maximum engine power greater than or equal to 500 HP; (ii) Prior to July 1, 2008, for non-emergency engines with a maximum engine power less than 500 HP; (iii) Prior to January 1, 2009, for emergency engines. [40 CFR 60.4233(f)]
L-6		The permittee shall use gasoline that meets the per gallon sulfur limit in 40 CFR 80.195. [40 CFR 60.4235]

EQPT0000000008 (continued):

Submittal/Action Requirements:

Condition No.	Condition
S-1	For stationary SI ICE greater than or equal to 500 HP that have not been certified by an engine manufacturer to meet the emission standards in 40 CFR 60.4231 the permittee shall submit an initial notification as required in 40 CFR 60.7(a)(1). The notification must include the following information: (1) Name and address of the owner or operator; (2) The address of the affected source; (3) Engine information including make, model, engine family, serial number, model year, maximum engine power, and engine displacement; (4) Emission control equipment; and (5) Fuel used. [40 CFR 60.4245(c)]
S-2	For stationary SI ICE that are subject to performance testing the permittee shall submit a copy of each performance test as conducted in 40 CFR 60.4244 (Condition T-17) within 60 days after the test has been completed. [40 CFR 60.4245(d)]
S-3	The permittee shall submit annually a report of each 12-month kW-hr total. [APC-S-2 II.B(10)]

Narrative Requirements:

Condition No.	Condition
T-1	The permittee is subject to and shall comply with the Standards of Performance for Stationary Spark Ignition Internal Combustion Engines and the General Provisions (40 CFR 60, Subparts JJJJ and A) for engines meeting the following conditions: (1) Stationary SI ICE that commence construction after June 12, 2006, where the stationary SI ICE are manufactured: (i) On or after July 1, 2007, for engines with a maximum engine power greater than or equal to 500 HP (except lean burn engines with a maximum engine power greater than or equal to 500 HP and less than 1,350 HP); (ii) on or after January 1, 2008, for lean burn engines with a maximum engine power greater than or equal to 500 HP and less than 1,350 HP; (iii) on or after July 1, 2008, for engines with a maximum engine power less than 500 HP; or (iv) on or after January 1, 2009, for emergency engines with a maximum engine power greater than 19 KW (25 HP). (2) Stationary SI ICE that commence modification or reconstruction after June 12, 2006. [40 CFR 60.4230(4), 40 CFR 60.4230(5)]

EQPT0000000008 (continued):

Narrative Requirements:

Condition No.	Condition
T-2	The permittee shall operate and maintain stationary SI ICE that achieve the emission standards as required in 40 CFR 60.4233 (Conditions L-3, L-4, and L-5) over the entire life of the engine. [40 CFR 60.4234]
T-3	The permittee shall comply with the following monitoring requirements: (a) If an emergency stationary SI internal combustion engine that is greater than or equal to 500 HP that was built on or after July 1, 2010, does not meet the standards applicable to non-emergency engines, the permitte shall install a non-resettable hour meter. (b) If an emergency stationary SI internal combustion engine that is greater than or equal to 130 HP and less than 500 HP that was built on or after January 1, 2011, does not meet the standards applicable to non-emergency engines, the permittee shall install a non-resettable hour meter. (c) If an emergency stationary SI internal combustion engine that is less than 130 HP, was built on or after July 1, 2008, and does not meet the standards applicable to non-emergency engines, the permittee shall install a non-resettable hour meter upon startup of your emergency engine. [40 CFR 60.4237]
T-4	If the permittee complies with the emission standards specified in 40 CFR 60.4233(d) or (e) (Conditions L-3 and L-4), the permittee shall demonstrate compliance according to one of the methods specified below: (1) Purchasing an engine certified according to procedures specified in this subpart, for the same model year and demonstrating compliance according to one of the methods specified in 40 CFR 60.4243(a). (2) Purchasing a non-certified engine and demonstrating compliance with the emission standards specified in 40 CFR 60.4233(d) or (e) (Conditions L-3 and L-4) and according to the requirements specified in 40 CFR 60.4244 (Condition T-17), as applicable, and according to paragraphs (i) and (ii). (i) For a stationary SI internal combustion engine greater than 25 HP and less than or equal to 500 HP, the permittee shall 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, the permittee shall conduct an initial performance test to demonstrate compliance. (ii) For a stationary SI internal combustion engine greater than 500 HP, the permittee shall 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, the permittee shall conduct an initial performance test and conduct subsequent performance testing every 8,760 hours or 3 years, whichever comes first, thereafter to demonstrate compliance. [40 CFR 60.4243(b)]
T-5	For a stationary SI internal combustion engine that must comply with the emission standards specified in 40 CFR 60.4233(f) (Condition L-5), the permittee shall demonstrate compliance according to 40 CFR 60.4243(b)(2)(i) or (ii)(Condition T-4), except that if you comply according to 40 CFR 60.4243(b)(2)(i), the permittee shall demonstrate that the non-certified engine complies with the emission standards specified in 40 CFR 60.4233(f) (Condition L-5). [40 CFR 60.4243(c)]

EQPT0000000008 (continued):

Narrative Requirements:

Condition No.	Condition
T-6	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 permittee may petition the MDEQ 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 power as part of a financial arrangement with another entity. For 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 60.4243(d)]
T-7	Natural gas fired engines may operate their engines using propane for a maximum of 100 hours per year as an alternative fuel solely during emergency operations, but must keep records of such use. If propane is used for more than 100 hours per year in an engine that is not certified to the emission standards when using propane, the permittee is required to conduct a performance test to demonstrate compliance with the emission standards of 40 CFR 60.4233 (Conditions L-3, L-4, and L-5). [40 CFR 60.4243(e)]
T-8	For a stationary SI internal combustion engine that is less than or equal to 500 HP and the permittee purchases a non-certified engine or do not operate and maintain your certified stationary SI internal combustion engine and control device according to the manufacturer's written emission-related instructions, the permittee is required to perform initial performance testing, but the permittee is not required to conduct subsequent performance testing unless the stationary engine is rebuilt or undergoes major repair or maintenance. A rebuilt stationary SI ICE means an engine that has been rebuilt as that term is defined in 40 CFR 94.11(a). [40 CFR 60.4243(f)]
T-9	Permittees who are required conduct performance tests shall follow the procedures in 40 CFR 60.4244(a) through (f). [40 CFR 60.4244]

AI0000003290:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Opacity	Opacity: Smoke (a) No person shall cause, permit, or allow the emission of smoke from a point source into the open air from any manufacturing, industrial, commercial or waste disposal process which exceeds forty (40) percent opacity subject to the exceptions provided in (b) & (c). (b) Startup operations may produce emissions which exceed 40% opacity for up to fifteen (15) minutes per startup in any one hour and not to exceed three (3) startups per stack in any twenty-four (24) hour period. (c) Emissions resulting from soot blowing operations shall be permitted provided such emissions do not exceed 60 percent opacity, and provided further that the aggregate duration of such emissions during any twenty-four (24) hour period does not exceed ten (10) minutes per billion BTU gross heating value of fuel in any one hour. [APC-S-1 3.1]
L-2	Opacity	Opacity: No person shall cause, allow, or permit the discharge into the ambient air from any point source or emissions, any air contaminant of such opacity as to obscure an observer's view to a degree in excess of 40% opacity, equivalent to that provided in Section 3.1(a). This shall not apply to vision obscuration caused by uncombined water droplets. [APC-S-1 3.2]

Record-Keeping Requirements:

Condition No.	Condition
R-1	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. [APC-S-2 II.B(10)]

AI0000003290 (continued):

Submittal/Action Requirements:

Condition No.	Condition
S-1	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. [APC-S-2 II.B(10)]
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. [APC-S-2 II.B(11)]

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. [APC-S-2 V.A]
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 Regulation APC-S-1, "Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants", Section 10. [APC-S-1 Section 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. [APC-S-2 X]

AI0000003290 (continued):

Narrative Requirements:

Condition No.	Condition
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. [APC-S-2 II.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. [APC-S-2 II.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]
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. [APC-S-2 II.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. [APC-S-2 II.B(7)]
T-12	General Condition: This permit may only be transferred upon approval of the Mississippi Environmental Quality Permit Board. [APC-S-2 XVI.B]

AI0000003290 (continued):

Narrative Requirements:

Condition No.	Condition
T-13	General Condition: This permit is for air pollution control purposes only. [APC-S-2 I.D(1)]
T-14	General Condition: This permit is a Federally-approved permit to operate a synthetic minor source as described in Regulation APC-S-2, Section IV.D. [APC-S-2 IV.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. [APC-S-2 I.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. [APC-S-2 II.B(15)d]
T-17	General Condition: This permit does not authorize a modification as defined in APC-S-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: (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" [APC-S-2 I.D(2)]

AI0000003290 (continued):

Narrative Requirements:

Condition No.	Condition
T-18	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. [APC-S-2 II.B(15)a]
T-19	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. [APC-S-2 IX]
T-20	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. [APC-S-2 II.B(5)]
T-21	General Condition: Emergencies (a) Except as otherwise specified herein, an emergency means any situation arising from sudden and reasonably unforseeable 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. (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. (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. (d) In any enforcement proceeding, the permittee seeking to establish the occurrence of any emergency has the burden of proof. (e) This provision is in addition to any emergency or upset provision contained in any applicable requirement specified elsewhere herein [APC-S-2 II.B(10)]

AI0000003290 (continued):

Narrative Requirements:

Condition No.	Condition
T-22	General Condition: Upsets (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. (b) In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof. (c) This provision is in addition to any upset provision contained in any applicable requirement. [APC-S-1 Section 10]
T-23	General Condition: Startups and Shutdowns (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. (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. (c) In the event this startup and shutdown provision conflicts with another applicable requirement, the more stringent requirement shall apply. [APC-S-1 Section 10]

AI0000003290 (continued):

Narrative Requirements:

Condition No.	Condition
T-24	General Condition: Maintenance (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. (b) In any enforcement proceeding, the permittee seeking to establish the applicability of this section has the burden of proof. (c) In the event this maintenance provision conflicts with another applicable requirement, the more stringent requirement shall apply. [APC-S-1 Section 10]
T-25	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. [APC-S-2 VIII]

GRPT0000000001 MACT Subpart ZZZZ:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		Beginning May 3, 2013, the permittee shall comply with the following for each emergency stationary CI RICE: (a) Change oil and filter every 500 hours of operation or annually, whichever comes first; and (b) Inspect air cleaner every 1,000 hours of operation or annually whichever comes first; and (c) Inspect all hoses and belts every 500 hours of operation of annually, whichever comes first, and replace as necessary. (Ref.: 40 CFR 63, Subpart ZZZZ Table 2d(4)). [40 CFR 63.6603(a)]
L-2		Beginning October 19, 2013, the permittee shall comply with the following for each emergency stationary SI RICE: (a) Change oil and filter every 500 hours of operation or annually, whichever comes first; and (b) Inspect spark plugs every 1,000 hours of operation or annually whichever comes first; and (c) Inspect all hoses and belts every 500 hours of operation of annually, whichever comes first, and replace as necessary. (Ref.: 40 CFR 63, Subpart ZZZZ Table 2d(5)). [40 CFR 63.6603(a)]

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		The permittee shall install a non-resettable hour meter if one is not already installed. [40 CFR 63.6625(f)]

GRPT0000000001 (continued):

Record-Keeping Requirements:

Condition No.	Condition
R-1	The permittee shall keep the following records: (1) 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). (2) Records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment. (3) Records of performance tests and performance evaluations as required in §63.10(b)(2)(viii). (4) Records of all required maintenance performed on the air pollution control and monitoring equipment. (5) 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	The permittee shall keep the records required in Table 6 to Subpart ZZZZ to show continuous compliance with each emission or operating limitations that applies. [40 CFR 63.6655(d)]
R-3	The permittee shall keep records of the maintenance conducted onthe stationary RICE in order to demonstrate that it was operated and maintaned according to the maintenance plan. [40 CFR 63.6655(e)]
R-4	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, 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)]

Submittal/Action Requirements:

Condition No.	Condition
S-1	The permittee shall report each instance in which the emission limitation or operating limitation in Table 2d to Subpart ZZZZ was not met. These instances are deviations from the emission and operating limitations in this subpart. These deviations must be reported according to the requirements in §63.6650. [40 CFR 63.6640(b)]

GRPT0000000001 (continued):

Narrative Requirements:

Condition No.	Condition
T-1	The permittee is subject to and shall comply with the National Emission Standads for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines and General Provisions (40 CFR 63, Subpart ZZZZ and A). [40 CFR 63.6585(c)]
T-2	For each new internal compression engine installed, the permittee shall meet the requirements of 40 CFR 63, Subpart ZZZZ by meeting the requirements of 40 CFR 60, Subpart IIII for compression ignition engines or 40 CFR 60, Subpart JJJJ for spark ignition engines. [40 CFR 63.6590(c)]
T-3	The permittee shall be in compliance with the emission limitations and operating limitations at all times. The permittee shall 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. The general duty to minimize emissions does not require you to make any further efforts to reduce emissions if levels required by this standard have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to MDEQ 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. [40 CFR 63.6605]
T-4	The permittee shall operate and maintain the stationary RICE and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or develop a maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions. [40 CFR 63.6625(e)]
T-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 Table 2d to Subpart ZZZZ apply. [40 CFR 63.6625(h)]
T-6	For a stationary CI engine that is subject to the work, operation or management practices in item 4 of Table 2d to Subpart ZZZZ, the permittee has the option of utilizing an oil analysis program in order to extend the specified oil change requirement in Table 2d. The oil analysis must be performed at the same frequency specified for changing the oil in Table 2d. The analysis program must at a minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Base Number is less than 30 percent of the Total Base Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If all of these condemning limits are not exceeded, the permittee is not required to change the oil. If any of the limits are exceeded, the permittee shall change the oil within 2 days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the permittee shall change the oil within 2 days or before commencing operation, whichever is later. The permittee shall keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine. [40 CFR 63.225(i)]

GRPT0000000001 (continued):

Narrative Requirements:

Condition No.	Condition
T-7	For a stationary SI engine that is subject to the work, operation or management practices in item 5 of Table 2d to Subpart ZZZZ, the permittee has the option of utilizing an oil analysis program in order to extend the specified oil change requirement in Table 2d. The oil analysis must be performed at the same frequency specified for changing the oil in Table 2d. The analysis program must at a minimum analyze the following three parameters: Total Acid Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Acid Number increases by more than 3.0 milligrams of potassium hydroxide (KOH) per gram from Total Acid Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If all of these condemning limits are not exceeded, the permittee is not required to change the oil. If any of the limits are exceeded, the permittee shall change the oil within 2 days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the permittee shall change the oil within 2 days or before commencing operation, whichever is later. The permittee must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine. [40 CFR 63.6625(j)]
T-8	The permittee shall demonstrate continuous compliance with each emission limitation and operating limitation in Table 2d to Subpart ZZZZ that apply according to methods specified in Table 6 to Subpart ZZZZ. [40 CFR 63.6640(a)]

GRPT0000000001 (continued):

Narrative Requirements:

Condition No.	Condition
T-9	The permittee shall operate the emergency stationary RICE according to the following requirements. Any operation other than emergency operation, maintenance and testing, and operation in non-emergency situations for 50 hours per year is prohibited. If you do not operate the engine according to the following requirements, the engine will not be considered an emergency engine under this subpart and will need to meet all requirements for non-emergency engines. (i) There is no time limit on the use of emergency stationary RICE in emergency situations. (ii) The permittee shall operate the emergency stationary RICE 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 shall petition the MDEQ 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 RICE beyond 100 hours per year. (iii) The permittee shall operate the emergency stationary RICE 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 permittees shall 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 this paragraph, as long as the power provided by the financial arrangement is limited to emergency power. [40 CFR 63.6640(f)(1)]

GENERAL INFORMATION

US Navy, Naval Construction Battalion Center
5200 CBC
2nd Street Code 17
Gulfport, MS
Harrison County

Alternate/Historic Identifiers

ID	Alternate/Historic Name	User Group	Start Date	End Date
3290	United States Department of the Navy, Naval Construction Battalion	Official Site Name	7/25/1995	
MS2170022626	US Navy, Naval Construction Battalion Center	Hazardous Waste-EPA ID	10/12/2000	
102000080	US Navy, Naval Construction Battalion Center	Air-Synthetic Minor Operating	7/10/1998	7/1/2003
102000080	US Navy, Naval Construction Battalion Center	Air-Construction	10/9/1997	4/1/1999
102000080	US Navy, Naval Construction Battalion Center	Air-Construction	7/10/1998	
MSR101028	US Navy, Naval Construction Battalion Center	GP-Construction	1/29/1998	2/4/2004
MSR101261	US Navy, Naval Construction Battalion Center	GP-Construction	2/3/1999	12/2/2003
MSR100824	US Navy, Naval Construction Battalion Center	GP-Construction	12/26/1996	7/13/1997
MSP091208	US Navy, Naval Construction Battalion Center	Water - Pretreatment	7/25/1995	7/24/2000
MSR001468	US Navy, Naval Construction Battalion Center	GP-Baseline	6/4/2002	8/14/2006
2804700080	US Navy, Naval Constr Battalion Ctr	Air-AIRS AFS	10/9/1997	
MSP091208	US Navy, Naval Construction Battalion Center	Water - Pretreatment	10/22/2001	9/30/2006
MSP090249	US Air Force Engineering Services Center, Naval Construction Battalion Center	Water - Pretreatment	10/31/1986	10/30/1991
MSR102478	Naval Construction Battalion Center, Army Reserve Warehouse	GP-Construction	3/18/2003	10/6/2004
MSRMS4036	United States Department of Navy, Naval Construction Battalion	GP-MS4	8/13/2003	11/30/2007
MSR103370	Skillet Construction Company, Bauxite Area Grading and Storm Drainage	GP-Construction	10/22/2004	3/25/2005
MSR103365	Environmental Chemical Corporation, US Navy, Naval Construction Battalion C	GP-Construction	12/1/2004	3/27/2005
102000080	US Navy, Naval Construction Battalion Center	Air-Synthetic Minor Operating	12/7/2005	11/30/2010
MSR001468	US Navy, Naval Construction Battalion Center	GP-Baseline	8/14/2006	8/16/2010
2343	Naval Construction Battalion Center	UST	7/14/1988	
MSR104522	Roy Anderson Corporation, Naval Construction Battalion, Professional Develop	GP-Construction	3/5/2007	11/23/2009
MSR104521	Roy Anderson Corporation, Naval Construction Battalion, Training Center	GP-Construction	3/5/2007	11/24/2009
MSR104520	Roy Anderson Corporation, Naval Construction Battalion, Tactical Training Faci	GP-Construction	3/5/2007	10/22/2009

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ID	Alternate/Historic Name	User Group	Start Date	End Date
MSR104537	Roy Anderson Corporation, Naval Construction Battalion Center	GP-Construction	3/8/2007	3/21/2011
MSR104597	Debcon, Inc.,US Navy, Naval Construction Battalion Center, Family Housing	GP-Construction	4/27/2007	3/21/2011
WQC2007088	US Navy, Naval Construction Battalion Center, Family Housing Units	WQC Number	11/1/2007	
SAM20071264JAM	US Navy, Naval Construction Battalion Center, Family Housing Units	COE Public Notice/ Permit Number	8/24/2007	9/14/2007
MSR104841	WG Yates & Sons Construction Company, US Navy, Naval Construction Battali	GP-Construction	10/3/2007	12/1/2010
MSR104879	Kemron Environmental Services, Inc., US Navy, Naval Construction Battalion C	GP-Construction	12/7/2007	3/21/2011
3290	US Navy, Naval Construction Battalion Center	Air-Notification	6/4/2008	
3290	Building 400	Air-Notification	7/25/2008	
3290	Building 321 Fire Station	Air-Notification	8/8/2008	
3290	Building 381	Air-Notification	4/16/2009	
3290	Building 364	Air-Notification	11/12/2008	
3290	Building 351 Armory	Air-Notification	8/12/2008	
3290	Building 291 Armory	Air-Notification	8/12/2008	
3290	Building 420	Air-Notification	10/23/2008	
3290	Building 25	Air-Notification	10/23/2008	
3290	Building 17	Air-Construction	10/23/2008	
3290	Building 15	Air-Notification	10/23/2008	
3290	Building 14	Air-Notification	10/23/2008	
3290	Building 24	Air-Notification	10/23/2008	
3290	Building 137	Air-Notification	10/23/2008	
3290	Building 138	Air-Notification	10/23/2008	
3290	Building 139	Air-Notification	10/23/2008	
3290	Building 53	Air-Notification	11/12/2008	
3290	Building 54	Air-Notification	11/12/2008	
3290	Building 56	Air-Notification	11/12/2008	
3290	Building 55	Air-Notification	11/12/2008	
3290	Building 405	Air-Notification	11/12/2008	
3290	Building 370	Air-Notification	11/12/2008	
3290	Building 16	Air-Notification	11/19/2008	
3290	Building 320	Air-Notification	11/19/2008	2/2/2009
3290	Building 58	Air-Notification	12/2/2008	
3290	Building 323	Air-Notification	12/6/2008	

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ID	Alternate/Historic Name	User Group	Start Date	End Date
3290	Building 365	Air-Notification	12/5/2007	
3290	Building 174	Air-Notification	12/5/2007	
3290	Building 342	Air-Notification	12/5/2007	
3290	Building 341	Air-Notification	12/5/2007	
3290	Building 52	Air-Notification	1/13/2009	
3290	Building 381	Air-Notification	2/4/2009	
3290	Building 380	Air-Notification	2/4/2009	
3290	Building 379	Air-Notification	2/4/2009	
3290	Building 378	Air-Notification	2/4/2009	
3290	Building 377	Air-Notification	2/4/2009	
3290	Building 336	Air-Notification	2/4/2009	
3290	Building 42	Air-Notification	2/6/2009	
3290	DRT Applied Instruction Building Number 109	Air-Notification	3/2/2009	
3290	Building 322	Air-Notification	3/24/2009	
3290	Building 330	Air-Notification	4/16/2009	
3290	Building 391	Air-Notification	4/16/2009	
3290	Building 373	Air-Notification	4/16/2009	
3290	Building 382	Air-Notification	4/16/2009	
3290	Building 21	Air-Notification	4/27/2009	
3290	Building 112	Air-Notification	5/18/2009	
3290	Sylvester Drive Houses	Air-Notification	7/1/2009	
3290	Building 365	Air-Notification	9/13/2007	
3290	Building 317 A and B	Air-Notification	9/9/2009	
MSRMS4036	United States Department of Navy, Naval Construction Battalio, Storm Water M	GP-MS4	11/6/2009	12/31/2013
WQC1994057	US Navy, Naval Construction Battalion Center, Family Housing Units	WQC Number	3/12/1994	
MS9400398M	US Navy, Naval Construction Battalion Center, Family Housing Units	COE Public Notice/ Permit Number	3/18/1994	4/19/1994
WQC2001014	US Navy, Naval Construction Battalion Center	WQC Number	2/14/2001	
MS0100204B	US Navy, Naval Construction Battalion Center	COE Public Notice/ Permit Number	2/14/2001	3/19/2001
3290	US Navy, Naval Construction Battalion Center	No Exposure Certification	8/18/2010	8/17/2015
3290	Building 385	Air-Notification	12/29/2010	
MSR105889	United States Department of the Navy, P-215 BEMF- NCBC Gulfport, MS,(Veh	GP-Construction	1/6/2011	4/18/2011
MSR105889	United States Department of the Navy, US Navy, Naval Construction Battalion C	GP-Construction	4/18/2011	6/6/2011

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ID	Alternate/Historic Name	User Group	Start Date	End Date
MSR105889	J.J. Sosa & Associates, US Navy, Naval Construction Battalion Center, P-215 BE	GP-Construction	6/6/2011	12/31/2015
3290	Warehouse 18	Air-Notification	9/27/2011	
102000080	US Navy, Naval Construction Battalion Center	Air-Synthetic Minor Operating	10/4/2011	9/30/2016

Basin: Coastal Streams Basin

Location Description: