



State of Mississippi

AIR POLLUTION CONTROL PERMIT

To Construct Air Emissions Equipment



THIS CERTIFIES

Midcontinent Express Pipeline LLC, MEP 4 Vicksburg Compressor Station
4585 Smith Station Road
Edwards, MS
Hinds County

has been granted permission to construct air emissions equipment to comply with the emission limitations, monitoring requirements and other conditions set forth herein. This permit is issued in accordance with the provisions of the Mississippi Air and Water Pollution Control Law (Section 49-17-1 et. seq., Mississippi Code of 1972), and the regulations and standards adopted and promulgated thereunder.

Mississippi Environmental Quality Permit Board

Mississippi Department of Environmental Quality

Issued/Modified:

Permit No. 1080-00250

Expires:

Agency Interest # 39671

*** Draft Permit ***

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Other Relevant Documents:

The federal regulations referenced in this permit may be found on-line at <http://ecfr.gpoaccess.gov/> and the State of Mississippi regulations may be found on-line at <http://www.mdeq.ms.state.us/> or a copy of the regulations may be obtained by contacting the Mississippi Department of Environmental Quality, Environmental Permitting Division, Post Office Box 2261, Jackson, MS 39255, phone (601) 961-5171. The following regulations were referenced in this permit:

Title 11, Part 2, Chapter 2: Mississippi Commission on Environmental Quality, Permit Regulations for the Construction and/or Operation of Air Emissions Equipment (Adopted May 8, 1970; Last Amended July 28, 2005)

Title 11, Part 2, Chapter 1: Mississippi Commission on Environmental Quality, Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants (Adopted May 8, 1970. Last Amended December 14, 2011)

40 CFR Part 60, Subpart A - Standards of Performance for New Stationary Source General Provisions Notification and Recordkeeping

40 CFR 60, Subpart JJJJ – Standards of Performance for Stationary Spark Ignition Internal Combustion Engines

40 CFR Part 63, Subpart ZZZZ - National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

To Construct Air Emissions Equipment

Midcontinent Express Pipeline LLC, MEP 4 Vicksburg Compressor Station

Subject Item Inventory

Permit Number: 1080-00250

Activity ID No.: PER20170002

Subject Item Inventory:

| ID | Designation | Description |
|---------|-------------|--|
| AI39671 | 39671 | Natural Gas Compressor Station |
| AREA1 | AA-012 | Truck Loading Operation |
| EQPT1 | AA-001 | 6135 hp (ISO) natural gas-fired reciprocating internal combustion compressor engine equipped with a catalytic converter/silencer (Facility Reference No. Comp 1) |
| EQPT2 | AA-002 | 6135 hp (ISO) natural gas-fired reciprocating internal combustion compressor engine equipped with a catalytic converter/silencer (Facility Ref. No. Comp 2) |
| EQPT3 | AA-003 | 6135 hp (ISO) natural gas-fired reciprocating internal combustion compressor engine equipped with a catalytic converter/silencer (Facility Ref. No. Comp 3) |
| EQPT4 | AA-004 | 6135 hp (ISO) natural gas-fired reciprocating internal combustion compressor engine equipped with a catalytic converter/silencer (Facility Ref. No. Comp 4) |
| EQPT6 | AA-006 | 1.05 MMBtu/hr natural gas-fired catalytic heater (Facility Reference No. HTR-1) |
| EQPT7 | AA-007 | 5796 Gallon Vertical Condensate Storage Tank (TANK -1) |
| EQPT8 | AA-008 | 6300 Gallon Vertical New Oil Tank (Facility Ref. No. TANK -2) |
| EQPT9 | AA-009 | 5796 gallon Vertical Used Oil Tank (Facility Ref. No. TANK - 3) |
| EQPT10 | AA-010 | 5796 Gallon Vertical Ambient Tank (Facility Ref. No. TANK -4) |
| EQPT11 | AA-011 | 5796 Gallon Vertical Wastewater Tank (Facility Ref. No. TANK - 5) |
| EQPT13 | AA-014 | 6,300 gallon distillate oil above ground storage tanks with a fixed roof (Facility Ref.: Tank 6) |

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To Construct Air Emissions Equipment

Midcontinent Express Pipeline LLC, MEP 4 Vicksburg Compressor Station

Subject Item Inventory

Permit Number: 1080-00250

Activity ID No.: PER20170002

Subject Item

Groups:

| ID | Description | Components |
|-------|---|--|
| GRPT1 | Natural Gas Reciprocating Internal Combustion Compressor Engines with emissions controlled by an oxidation catalyst - Emission Points AA-001, AA-002, AA-003 and AA-004 | EQPT1 6135 hp (ISO) natural gas-fired reciprocating internal combustion compressor engine equipped with a catalytic converter/silencer (Facility Reference No. Comp 1) |
| | | EQPT2 6135 hp (ISO) natural gas-fired reciprocating internal combustion compressor engine equipped with a catalytic converter/silencer (Facility Ref. No. Comp 2) |
| | | EQPT3 6135 hp (ISO) natural gas-fired reciprocating internal combustion compressor engine equipped with a catalytic converter/silencer (Facility Ref. No. Comp 3) |
| | | EQPT4 6135 hp (ISO) natural gas-fired reciprocating internal combustion compressor engine equipped with a catalytic converter/silencer (Facility Ref. No. Comp 4) |
| GRPT2 | Storage Tanks | EQPT7 5796 Gallon Vertical Condensate Storage Tank (TANK -1) |
| | | EQPT8 6300 Gallon Vertical New Oil Tank (Facility Ref. No. TANK -2) |
| | | EQPT9 5796 gallon Vertical Used Oil Tank (Facility Ref. No. TANK - 3) |
| | | EQPT10 5796 Gallon Vertical Ambitrol Tank (Facility Ref. No. TANK -4) |
| | | EQPT11 5796 Gallon Vertical Wastewater Tank (Facility Ref. No. TANK - 5) |

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To Construct Air Emissions Equipment

Midcontinent Express Pipeline LLC, MEP 4 Vicksburg Compressor Station

Subject Item Inventory

Permit Number: 1080-00250

Activity ID No.: PER20170002

KEY

ACT = Activity

AREA = Area

CONT = Control Device

IA = Insignificant Activity

MAFO = Animal Feeding Operation

RPNT = Release Point

WDPT = Withdrawal Point

AI = Agency Interest

CAFO = Concentrated Animal Feeding Operation

EQPT = Equipment

IMPD = Impoundment

PCS = PCS

TRMT = Treatment

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To Construct Air Emissions Equipment
Midcontinent Express Pipeline LLC, MEP 4 Vicksburg Compressor Station
Facility Requirements
Permit Number: 1080-00250
Activity ID No.:PER20170002

AI0000039671 (39671) Natural Gas Compressor Station:

Submittal/Action Requirements:

| Condition No. | Condition |
|---------------|---|
| S-1 | General Condition: The permittee shall submit certification of construction: Due within thirty (30) days of completion of construction or installation of an approved stationary source or prior to startup, whichever is earlier. The notification shall certify that construction or installation was performed in accordance with the approved plans and specifications. In the event there is any change in construction from the previously approved plans and specifications or permit, the permittee shall promptly notify MDEQ in writing. If MDEQ determines the changes are substantial, MDEQ may require the submission of a new application to construct with "as built" plans and specifications. Notwithstanding any provision herein to the contrary, the acceptance of an "as built" application shall not constitute a waiver of the right to seek compliance penalties pursuant to State Law. [11 Miss. Admin. Code Pt. 2, R. 2.5.D.] |
| S-2 | Within fifteen (15) days of beginning actual construction, the permittee must notify DEQ in writing that construction has begun. [11 Miss. Admin.Code Pt. 2, R.2.5.C (2).] |
| S-3 | The permittee must notify DEQ in writing when construction does not begin within eighteen (18) months of issuance or if construction is suspended for eighteen (18) months or more. [11 Miss. Admin.Code Pt. 2, R.2.5.C(4).] |

Narrative Requirements:

General Condition:

| Condition No. | Condition |
|---------------|---|
| T-1 | General Condition: The stationary source shall be designed and constructed so as to operate without causing a violation of any Applicable Rules and Regulations or this permit, without interfering with the attainment and maintenance of State and National Ambient Air Quality Standards, and such that the emission of air toxics does not result in an ambient concentration sufficient to adversely affect human health and well-being or unreasonably and adversely affect plant or animal life beyond the stationary source boundaries. [11 Miss. Admin.Code Pt. 2, R.2.5.A.] |
| T-2 | General Condition: Any activities not identified in the application are not authorized by this permit. [Miss. Code Ann. 49_17_29 1.b] |
| T-3 | General Condition: The necessary facilities shall be constructed so that solids removed in the course of control of air emissions may 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] |

To Construct Air Emissions Equipment
Midcontinent Express Pipeline LLC, MEP 4 Vicksburg Compressor Station
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Permit Number: 1080-00250
Activity ID No.:PER20170002

AI0000039671 (39671) Natural Gas Compressor Station:

Narrative Requirements:

| Condition No. | Condition |
|---------------|---|
| T-4 | General Condition: The air pollution control facilities shall be constructed such that diversion from or bypass of collection and control facilities is not needed except as provided for in Regulation 11 Miss. Admin. Code Pt.2, R. 1.10 "Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants", Section 10. [11 Miss. Admin. Code Pt. 2, R. 1.10] |
| T-5 | General Condition: The permittee shall allow the Mississippi Environmental Quality Commission, the Mississippi Environmental Quality Permit Board, MDEQ staff 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-6 | 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 good cause shown including, but not limited to, the following: a. Persistent 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 requires either a temporary or permanent reduction or elimination of previously authorized air emissions. [11 Miss. Admin.Code Pt. 2, R.2.2.C.] |
| T-7 | 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] |

| Condition No. | Condition |
|---------------|---|
| T-8 | General Condition: This permit is for air pollution control purposes only. [11 Miss. Admin.Code Pt. 2, R.2.1.D.] |
| T-9 | 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 operating without a valid permit pursuant to State Law. [11 Miss. Admin.Code Pt. 2, R.2.2.B(5).] |
| T-10 | General Condition: It is the responsibility of the applicant/permittee to obtain all other approvals, permits, clearances, easements, agreements, etc., which may be required including, but not limited to, all required local government zoning approvals or permits. [11 Miss. Admin.Code Pt. 2, R.2.1.D(6).] |

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Narrative Requirements:

| Condition No. | Condition |
|---------------|--|
| T-11 | General Condition: The issuance of a permit does not release the permittee from liability for constructing or operating air emissions equipment in violation of any applicable statute, rule, or regulation of state or federal environmental authorities. [11 Miss. Admin.Code Pt. 2, R.2.1.D(7).] |
| T-12 | 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 the permit, unless halting or reducing activity would create an imminent and substantial endangerment threatening the public health and safety of the lives and property of the people of this state. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(a).] |
| T-13 | General Condition: The permit and/or any part thereof may be modified, revoked, reopened, and reissued, or terminated for cause. Sufficient cause for a 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 permit condition. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(b).] |
| T-14 | General Condition: The permit does not convey any property rights of any sort, or any exclusive privilege. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(c).] |
| T-15 | General Condition: The permittee shall furnish to the DEQ within a reasonable time any information the DEQ 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 the DEQ copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee shall furnish such records to the DEQ along with a claim of confidentiality. The permittee may furnish such records directly to the Administrator along with a claim of confidentiality. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(d).] |
| T-16 | General Condition: This permit shall not be transferred except upon approval of the Permit Board. [11 Miss. Admin.Code Pt. 2, R.2.16.B.] |
| T-17 | General Condition: The provisions of this permit are severable. If any provision of the permit, or the application of any provision of the 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.1.1.D(7).] |
| T-18 | General Condition: The permit to construct will expire if construction does not begin within eighteen (18) months from the date of issuance or if construction is suspended for eighteen (18) months or more. [11 Miss. Admin.Code Pt. 2, R.2.5.C(1).] |
| T-19 | General Condition: A new stationary source issued a Permit to Construct cannot begin operation until certification of construction by the permittee. [11 Miss. Admin.Code Pt. 2, R.2.5.D(3).] |

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Facility Requirements
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AI0000039671 (39671) Natural Gas Compressor Station:

Narrative Requirements:

| Condition No. | Condition |
|---------------|---|
| T-20 | General Condition: Except as prohibited in 11 Miss. Admin. Code Pt. 2,R. 2.5.D(7) after certification of construction by the permittee, the Permit to Construct shall be deemed to satisfy the requirement for a permit to operate until the date the application for issuance or modification of the Title V Permit or the application for issuance or modification of the State Permit to Operate, whichever is applicable, is due. This provision is not applicable to a source excluded from the requirement for a permit to operate as provided by 11 Miss. Admin. Code Pt. 2, R. 2.13.G. [11 Miss. Admin. Code Pt. 2, R. 2.5.D(4).] |
| T-21 | General Condition: Except as otherwise specified in 11 Miss. Admin. Code Pt. 2, R. 2.5.D(7), the application for issuance or modification of the State Permit to Operate or the Title V Permit, whichever is applicable, is due twelve (12) months after beginning operation or such earlier date or time as specified in the Permit to Construct. The Permit Board may specify an earlier date or time for submittal of the application. Beginning operation will be assumed to occur upon certification of construction, unless the permittee specifies differently in writing. [11 Miss. Admin. Code Pt. 2, R. 2.5.D(5).] |
| T-22 | General Condition: Except as otherwise specified in 11 Miss. Admin. Code Pt. 2, R. 2.5.D(7), upon submittal of a timely and complete application for issuance or modification of a State Permit to Operate or a Title V Permit, whichever is applicable, the applicant may continue to operate under the terms and conditions of the Permit to Construct and in compliance with the submitted application until the Permit Board issues, modifies, or denies the Permit to Operate. [11 Miss. Admin. Code Pt. 2, R. 2.5.D(6).] |
| T-23 | General Condition: For moderate modifications that require contemporaneous enforceable emissions reductions from more than one emission point in order to net out of PSD/NSR, the applicable Title V Permit to Operate or State Permit to Operate must be modified prior to beginning operation of the modified facilities. [11 Miss. Admin.Code Pt. 2, R.2.5.D(7).] |
| T-24 | General Condition: Regarding compliance testing: (a) The results of any emissions sampling and analysis shall be expressed both in units consistent with the standards set forth in any Applicable Rules and Regulations or this permit and in units of mass per time. (b) Compliance testing will be performed at the expense of the permittee. (c) Each emission sampling and analysis report shall include but not be limited to the following: 1. detailed description of testing procedures; 2. sample calculation(s); 3. results; and 4. comparison of results to all Applicable Rules and Regulations and to emission limitations in the permit. [11 Miss. Admin.Code Pt. 2, R.2.6.B(3),(4)&(6).] |

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AI0000039671 (39671) Natural Gas Compressor Station:

Narrative Requirements:

| Condition No. | Condition |
|---------------|--|
| T-25 | General Condition: The construction of the stationary source shall be performed in such a manner so as to reduce fugitive dust emissions from construction activities to a minimum. [11 Miss. Admin.Code Pt. 2, R.2.5.A(4).] |

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EQPT0000000006 (AA-006) 1.05 MMBtu/hr natural gas-fired catalytic heater (Facility Reference No. HTR-1):

Limitation Requirements:

| Condition No. | Parameter | Condition |
|---------------|-----------|--|
| L-1 | Opacity | Opacity: The permittee shall have emissions of Opacity less than or equal to 40% as determined by EPA Reference Method 9, 40 CFR 60, Appendix A. [11 Miss. Admin. Code Pt. 2, R. 1.3.A(1)] |
| L-2 | | Such air emissions shall be operated as efficiently as possible to provide the maximum reduction of air contaminants. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)] |

To Construct Air Emissions Equipment
 Midcontinent Express Pipeline LLC, MEP 4 Vicksburg Compressor Station
 Facility Requirements
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GRPT0000000001 (Group 1) Natural Gas Reciprocating Internal Combustion Compressor Engines with emissions controlled by an oxidation catalyst - Emission Points AA-001, AA-002, AA-003 and AA-004:

Limitation Requirements:

| Condition No. | Parameter | Condition |
|---------------|-----------------|--|
| L-1 | Carbon Monoxide | Carbon Monoxide: For Emission Point AA-001 through AA-004, the permittee shall have exhaust emissions of CO less than 4.0 g/HP-hr or 540 ppmvd @15% O ₂ . [40 CFR 60.4233(e), 40 CFR 60_SUBPART JJJJ.Table 1] |
| L-2 | Nitrogen oxides | Nitrogen oxides: For Emission Point AA-001 through AA-004, the permittee shall have exhaust emissions of NO _x less than 2.0 G/HP-hr or 160 ppmvd @15% O ₂ . [40 CFR 60.4233(e), 40 CFR 60_SUBPART JJJJ.Table 1] |
| L-3 | Opacity | Opacity: For Emission Points AA-001 through AA-004, the permittee shall have emissions of Opacity less than or equal to 40% as determined by EPA Reference Method 9, 40 CFR 60 Appendix A. [11 Miss. Admin. Code Pt. 2, R. 1.3.A(1)] |
| L-4 | VOC | VOC: For Emission Points AA-001 through AA-004, the permittee shall have exhaust emissions of VOC (excluding formaldehyde) less than 1.0 g/HP-hr or 86 ppmvd @ 15% O ₂ . [40 CFR 60.4233(e), 40 CFR 60_SUBPART JJJJ.Table 1] |
| L-5 | | Emission Points AA-001 through AA-004 are subject to and shall comply with all applicable requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Stationary Reciprocating Internal Combustion Engines (RICE), 40 CFR 63, Subpart ZZZZ. For purposes of this subpart, these engines are new, 4-stroke lean burn engines greater than 500 HP located at an area source of HAPs and as such shall comply with Subpart ZZZZ by meeting the applicable requirements of the Standards of Performance for Stationary Spark Ignition Internal Combustion Engines, 40 CFR 60, Subpart JJJJ. [40 CFR 63.6580, 40 CFR 63.6585(a and c), 40 CFR 63.6590(a)(2)iii, 40 CFR 63.6590(c)(1)] |
| L-6 | | Emission Points AA-001 through AA-004 are subject to and shall comply with all applicable requirements of the standards of Performance for Stationary Spark Ignition Internal Combustion Engines, 40 CFR 60, Subpart JJJJ. [40 CFR 60_SUBPART JJJJ.4230(a)(4)i] |
| L-7 | | For Emission Points AA-001 through AA-004, the permittee shall only fire pipeline quality natural gas. The firing of unprocessed field gas is not allowed. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)] |

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GRPT000000001 (Group 1) Natural Gas Reciprocating Internal Combustion Compressor Engines with emissions controlled by an oxidation catalyst - Emission Points AA-001, AA-002, AA-003 and AA-004:

Limitation Requirements:

| Condition No. | Parameter | Condition |
|---------------|-----------|--|
| L-8 | | <p>For Emission Points AA-001 through AA-004, the permittee shall only operate a compressor engine when emissions are being controlled by an oxidation catalyst that is being operated in the following manner:</p> <p>(1) The pressure drop across the catalyst does not change by more than 2 inches of water at 100 percent load plus or minus 10 percent from pressure drop across the catalyst that was measured during the initial performance test, and</p> <p>(2) The permittee shall maintain the temperature of each engines exhaust so that the catalyst inlet temperature is greater than or equal to 450 degrees F and less than or equal to 1350 degrees F. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]</p> |

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GRPT0000000001 (Group 1) Natural Gas Reciprocating Internal Combustion Compressor Engines with emissions controlled by an oxidation catalyst - Emission Points AA-001, AA-002, AA-003 and AA-004:

Monitoring Requirements:

| Condition No. | Parameter | Condition |
|---------------|-----------|---|
| M-1 | | <p>For Emission Points AA-001 through AA-004, the permittee shall demonstrate compliance with the emission standards specified in 40 CFR 60.4233(e) according to one of the methods specified in paragraphs (1) and (2) of this condition.</p> <p>(1) Purchasing an engine certified according to procedures specified in 40 CFR Subpart JJJJ, for the same model year and demonstrating compliance according to one of the methods specified in paragraph 40 CFR 60.4243(a). If the permittee operates and maintains the certified engine according to the manufacturer's emission-related written instructions, compliance may be demonstrated by keeping records of conducted maintenance, and no performance testing is required. If the permittee does not operate and maintain the certified engine and control device according to the manufacturer's emission-related written instructions, the engine will be considered a non-certified engine, and the permittee must demonstrate compliance according to 40 CFR 60.4243(a)(2)(iii)</p> <p>(2) Purchasing a non-certified engine and demonstrating compliance with the emission standards specified in 40 CFR 60.4233(e) and according the requirements specified in 40 CFR 60.4244, as applicable, and according to paragraph (2)(i) of this condition.</p> <p>(i) 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 must 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)(1), 40 CFR 60.4243(b)(2) (ii)]</p> |

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GRPT000000001 (Group 1) Natural Gas Reciprocating Internal Combustion Compressor Engines with emissions controlled by an oxidation catalyst - Emission Points AA-001, AA-002, AA-003 and AA-004:

Monitoring Requirements:

| Condition No. | Parameter | Condition |
|---------------|-----------|--|
| M-2 | | <p>40 CFR 60 Subpart JJJJ Testing Requirements</p> <p>(a) Each performance test must be conducted within 10% of the highest achievable load and must comply with the testing requirements listed in 40 CFR 60.8 and Table 2 of Subpart JJJJ.</p> <p>(b) Performance test may not be conducted during periods of startup, shutdown, or malfunction, as specified in 40 CFR 60.8</p> <p>(c) If the engine is non-operational when a performance test is due, the engine does not need to be started up just to test it, but will need to be tested immediately upon startup.</p> <p>(c) Three separate test runs must be conducted for each performance test as specified by 60.8(f). Each run must be within 10% of max load and be at least 1 hour in duration.</p> <p>(d) To determine compliance with the NO_x, CO and VOC mass per unit output emission limitations, the measured concentration must be converted using the equations outlined in section 60.4244 of Subpart JJJJ. [40 CFR 60.4244]</p> |
| M-3 | | <p>The permittee shall monitor fuel usage, including type and quantity of fuel used. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]</p> |

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GRPT0000000001 (Group 1) Natural Gas Reciprocating Internal Combustion Compressor Engines with emissions controlled by an oxidation catalyst - Emission Points AA-001, AA-002, AA-003 and AA-004:

Record-Keeping Requirements:

| Condition No. | Condition |
|---------------|---|
| R-1 | <p>For Emission Points AA-001 through AA-004, the permittee must keep records of the following:</p> <ul style="list-style-type: none">(1) All notifications submitted to comply with this 40 CFR 63 Subpart ZZZZ.(2) Maintenance conducted on the engine(3) If the stationary SI internal combustion engine is a certified engine, 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.(4) If the stationary SI internal combustion engine is not a certified engine or is a certified engine operating in a non-certified manner and subject to Section 60.4243(a)(2), documentation that the engine meets the emission standards. [40 CFR 60.4245] |

Submittal/Action Requirements:

| Condition No. | Condition |
|---------------|--|
| S-1 | <p>The permittee must submit a copy of each required performance test as conducted in 40 CFR 60.4244 within 60 days after the test has been completed. [40 CFR 60.6245 (d)]</p> |
| S-2 | <p>The permittee shall submit a written stack test protocol at least thirty (30) days prior to the scheduled test date for each required stack test to ensure that all test methods and procedures are acceptable to the Office of Pollution Control. The protocol shall address the conditions under which the plant will be operated during testing, and how and which operating parameters will be monitored during testing. Also, the Office of Pollution Control must be notified prior to the scheduled test date. At least TEN (10) days notice should be given so that an observer may be scheduled to witness the test(s). [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]</p> |

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GRPT0000000001 (Group 1) Natural Gas Reciprocating Internal Combustion Compressor Engines with emissions controlled by an oxidation catalyst - Emission Points AA-001, AA-002, AA-003 and AA-004:

Narrative Requirements:

| Condition No. | Condition |
|---------------|--|
| T-1 | For Emission Points AA-001 through AA-004, emission standards must be met for the lifetime of the engine. [40 CFR 60.4234] |

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GRPT0000000002 (Group 2) Storage Tanks:

Limitation Requirements:

| Condition No. | Parameter | Condition |
|---------------|-----------|--|
| L-1 | | Such air emissions equipment shall be operated as efficiently as possible to provide the maximum reduction of air contaminants. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)] |

GENERAL INFORMATION

Midcontinent Express Pipeline LLC, MEP 4 Vicksburg Compressor Station
4585 Smith Station Road
Edwards, MS
Hinds County

Alternate/Historic Identifiers

| ID | Alternate/Historic Name | User Group | Start Date | End Date |
|------------|---|--------------------------|------------|------------|
| 39671 | Midcontinent Express Pipeline, LLC | Official Site Name | 02/02/2009 | |
| 108000250 | Midcontinent Express Pipeline LLC, MEP 4 Vicksburg Compressor Station | Air-Construction | 09/01/2009 | |
| 2804900250 | Midcontinent Express pipeline LLC, MEP 4 Vicksburg Compressor Station | Air-AIRS AFS | 09/01/2009 | |
| 108000250 | Midcontinent Express Pipeline LLC, MEP 4 Vicksburg Compressor Station | Air-Title V Fee Customer | 06/01/2010 | |
| 108000250 | Midcontinent Express Pipeline LLC, MEP 4 Vicksburg Compressor Station | Air-Title V Operating | 09/06/2012 | 08/31/2017 |

Basin: Big Black River Basin

*** Draft Permit ***

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GENERAL INFORMATION

Relevant Documents:

The federal regulations referenced in this permit may be found on-line at <http://ecfr.gpoaccess.gov/> and the State of Mississippi regulations may be found on-line at <http://www.mdeq.ms.state.us/> or a copy of the regulations may be obtained by contacting the Mississippi Department of Environmental Quality, Environmental Permitting Division, Post Office Box 2261, Jackson, MS 39255, phone (601) 961-5171. The following regulations were referenced in this permit:

Title 11, Part 2, Chapter 2: Mississippi Commission on Environmental Quality, Permit Regulations for the Construction and/or Operation of Air Emissions Equipment (Adopted May 8, 1970; Last Amended July 28, 2005)

Title 11, Part 2, Chapter 1: Mississippi Commission on Environmental Quality, Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants (Adopted May 8, 1970. Last Amended December 14, 2011)

40 CFR Part 60, Subpart A - Standards of Performance for New Stationary Source General Provisions Notification and Recordkeeping

40 CFR 60, Subpart JJJJ – Standards of Performance for Stationary Spark Ignition Internal Combustion Engines

40 CFR Part 63, Subpart ZZZZ - National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines