# STATE OF MISSISSIPPI
# AIR POLLUTION CONTROL PERMIT

## TO CONSTRUCT AIR EMISSIONS EQUIPMENT

**THIS CERTIFIES THAT**

Tellus Operating Group LLC, Baxterville Compressor Station
4 Gulf Camp Circle
Lumberton, Lamar, Mississippi

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**

**AUTHORIZED SIGNATURE**
**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Issued:** SEP 21 2016

**Permit No.: 1440-00030**

7463 PER20150003

## SECTION 1

## A. GENERAL CONDITIONS

1. This permit is for air pollution control purposes only. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.1.D.)

2. Any activities not identified in the application are not authorized by this permit. (Ref.: Miss. Code Ann. 49-17-29 1.b)

3. 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. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(5).)

4. 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. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.1.D(6).)

5. 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. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(7).)

6. 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. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(15)(a).)

7. 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. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(15)(b).)

8. The permit does not convey any property rights of any sort, or any exclusive privilege. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(15)(c).)

9. 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. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(15)(d).)

10. Design and Construction Requirements: The stationary source shall be designed and constructed so as to operate without causing a violation of an Applicable Rules and Regulations, 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. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.A.)

11. Solids Removal: 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. (Ref.: Miss. Code Ann. 49-17-29)

12. Diversion and Bypass of Air Pollution Controls: 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 11 Miss. Admin. Code Pt. 2, R. 1.10., "Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants", Section 10. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.10.)

13. Fugitive Dust Emissions from Construction Activities: 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. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.A(4).)

14. Right of Entry: The permittee shall allow the Mississippi Department of Environmental Quality Office of Pollution Control and the Mississippi Environmental Quality Permit Board and/or their representatives upon 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 emissions. (Ref.: Miss. Code Ann. 49-17-21)

15. Permit Modification or Revocation: After notice and opportunity for a hearing, the Permit Board may modify the permit or revoke it in whole or in part for good cause shown including, but not limited to:

    a) Persistent violation of any of the 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 federal, state, or local laws or regulations that require either a temporary or permanent reduction or elimination of previously authorized air emission.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.C.)

16. Public Record and Confidential Information: 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. (Ref.: Miss. Code Ann. 49-17-39)

17. Permit Transfer: This permit shall not be transferred except upon approval of the Permit Board. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.16.B)

18. Severability: 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. (Ref. 11 Miss. Admin. Code Pt. 2, R. 2.1.D(7).)

19. Permit Expiration: 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. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.C(1).)

20. Certification of Construction: A new stationary source issued a Permit to Construct cannot begin operation until certification of construction by the permittee. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.D(3).)

21. Beginning Operation: Except as prohibited in Part I, Condition 24 of this permit, 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. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.D(4).)

22. Application for a Permit to Operate: Except as otherwise specified in Part I, Condition 24 of this permit, 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. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.D(5).)

23. Operating Under a Permit to Construct: Except as otherwise specified in Part I, Condition 24 of this permit, 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. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.D(6).)

24. Application Requirements for a Permit to Operate for Moderate Modifications: 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. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.D(7).)

25. Compliance Testing: 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.

    (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.6.B(3), (4), and (6).)

## B. GENERAL NOTIFICATION REQUIREMENTS

1. Within fifteen (15) days of beginning actual construction, the permittee must notify DEQ in writing that construction has begun. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.C(2).)

2. 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. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.C(3).)

3. Upon the completion of construction or installation of an approved stationary source or modification, the applicant shall notify the Permit Board that construction or installation was

performed in accordance with the approved plans and specifications on file with the Permit Board. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.D(1).)

4. The Permit Board shall be promptly notified in writing of any change in construction from the previously approved plans and specifications or permit. If the Permit Board determines the changes are substantial, it 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. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.D(2).)

## SECTION 2
## EMISSION POINT DESCRIPTION

The permittee is authorized to construct and operate, upon certification of construction, air emissions equipment, as described in the following table.

| Emission Point ID | Description |
|---|---|
| AA-015* | 1,380 hp (10.6 MMBTU/hr) Caterpillar 2015-Model 3516B natural gas fired, 4 stroke lean burn internal combustion engine with emissions controlled by an oxidation catalyst |
| AA-016* | 1,380 hp (10.6 MMBTU/hr) Caterpillar 2015-Model 3516B natural gas fired, 4 stroke lean burn internal combustion engine with emissions controlled by an oxidation catalyst |
| AA-017 | Up to 1800 hp (13.8 MMBTU/hr) natural gas fired internal combustion engine (manufactured date: To Be Determined) with emissions controlled by an oxidation catalyst |
| AA-019 | Up to 500 hp (3.8 MMBTU/hr) natural gas fired internal combustion engine (manufactured date: To Be Determined) with emissions controlled by an oxidation catalyst |

*Existing Emission Points.

## SECTION 3

## EMISSION LIMITATIONS AND STANDARDS

| Emission Point ID | Applicable Requirement | Condition Number(s) | Pollutant/ Parameter | Limitation/Standard |
|---|---|---|---|---|
| AA-015<br>AA-016 | 40 CFR 60 Subpart JJJJ | 3.1 | | Applicability |
| | Table 1 to 40 CFR 60, Subpart JJJJ | 3.2 | NOx | 1.00 g/hp-hr or 82 ppmvd at 15% O2 |
| | | | CO | 2.00 g/hp-hr or 270 ppmvd at 15% O2 |
| | | | VOC (excluding formaldehyde) | 0.70 g/hp-hr or 60 ppmvd at 15% O2 |
| AA-015<br>AA-016<br>AA-017 | 11 Miss. Admin. Code Pt. 2, R. 1.4.D(1)(b)) | 3.3 | PM | $E = 0.8808*(I)^{-0.1667}$ |
| AA-017 | Table 1 to 40 CFR 60, Subpart JJJJ (Applicable to Engine Option 1 and Engine Option 2 only)<br><br>Permit to Construct issued September 21, 2016 | 3.4<br><br>3.5 | <u>Option 1</u> | for engines manufactured after 7/1/2010 |
| | | | | 40 CFR 60, Subpart JJJJ Applicability |
| | | | NOx | 1.00 g/hp-hr or 82 ppmvd at 15% O2 |
| | | | CO | 2.00 g/hp-hr or 270 ppmvd at 15% O2 |
| | | | VOC (excluding formaldehyde) | 0.70 g/hp-hr or 60 ppmvd at 15% O2 |
| | | | <u>Option 2</u> | for engines manufactured between 7/1/2007 and 7/1/2010 |
| | | | | 40 CFR 60, Subpart JJJJ Applicability |
| | | | NOx | 2.00 g/hp-hr or 160 ppmvd at 15% O2 |
| | | | CO | 4.00 g/hp-hr or 540 ppmvd at 15% O2 |
| | | | VOC (excluding formaldehyde) | 1.00 g/hp-hr or 86 ppmvd at 15% O2 |
| | | | <u>Option 3</u> | for engines manufactured before 7/1/2007 |
| | | | NOx | 4.08 lb/MMBTU |
| | | | CO | 3.72 lb/MMBTU |
| | 40 CFR 60.4236 (b) and (e) | 3.6 | | Installation requirement for engines produced in previous model years |

| | | | | |
|---|---|---|---|---|
| AA-019 | NSPS Subpart JJJJ | 3.4 | | Applicability |
| | | 3.7 | NOx | 1.00 g/hp-hr or 82 ppmvd at 15% O2 |
| | | | CO | 2.00 g/hp-hr or 270 ppmvd at 15% O2 |
| | | | VOC (excluding formaldehyde) | 0.70 g/hp-hr or 60 ppmvd at 15% O2 |
| | 40 CFR 60.4236 (b) and (e) | 3.8 | | Installation requirement for engines produced in previous model years |
| | 11 Miss. Admin. Code Pt. 2, R. 1.4.D(1)(b)) | 3.9 | PM | 0.6 lb/MMBTU |
| AA-015<br>AA-016<br>AA-017<br>AA-019 | 11 Miss. Admin Code Pt. 2, R.1.3A(1) | 3.10 | Opacity | ≤ 40 % |
| | | 3.11 | Operational Restriction | Install and Operate the engine with an oxidation catalyst at all times in accordance with the manufacturer's recommendations or approved alternative |
| | 40 CFR 63, Subpart ZZZZ | 3.12 | | Applicability |
| | Permit to Construct issued September 21, 2016 | 3.13 | NOx | 95 tpy (on a 12 month rolling total basis) |
| | | | CO | 95 tpy (on a 12 month rolling total basis) |
| | | | Total HAPs | 19.5 tpy (on a 12 month rolling total basis) |
| | | | Individual HAPs | 9.0 tpy (on a 12 month rolling total basis) |

3.1 For Emission Points AA-015 and AA-016, the permittee is subject to and shall comply with all applicable requirements of the Standards of Performance for Stationary Spark Ignition Combustion Engines, 40 CFR 60, Subpart JJJJ and the General Provisions in Subpart A. (Ref.: 40 CFR 60, Subpart JJJJ)

3.2 For Emission Points AA-015 and AA-016, the permittee shall comply with the following limitations:

NOx: 1.0 g/hp-hr or 82 ppmvd at 15% O2
CO: 2.0 g/hp-hr or 270 ppmvd at 15% O2
VOC: 0.0 g/hp-hr or 60 ppmvd at 15% O2

(Ref.: 40 CFR 60, Subpart JJJJ)

3.3 For Emission Points AA-015, AA-016, and AA-017, the maximum permissible emission of ash and/or particulate matter from fossil fuel burning installations of greater than or equal to 10 million BTU per hour heat input shall not exceed an emission rate as determined by the relationship

$$E = 0.8808*(I)^{-0.1667}$$

where E is the emission rate in pounds per million BTU per hour heat input and I is the heat input in millions of BTU per hour. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.4.D(1)(b))

3.4 For Emission Points AA-017 (if Engine Option 1 or Engine Option 2 is selected) and AA-019, the permittee is subject to and shall comply with all applicable requirements of the Standards of Performance for Stationary Spark Ignition Combustion Engines, 40 CFR 60, Subpart JJJJ and the General Provisions in Subpart A (Ref.: 40 CFR 60, Subpart JJJJ)

3.5 For Emission Point AA-017, the permittee shall comply with the following limitations depending upon the manufacturing date of the selected engines:

Option 1: For engines manufactured after 7/1/2010, NSPS Subpart JJJJ emission limitations apply.

NOx: 1.0 g/hp-hr or 82 ppmvd at 15% $O_2$
CO: 2.0 g/hp-hr or 270 ppmvd at 15% $O_2$
VOC: 0.7 g/hp-hr or 60 ppmvd at 15% $O_2$

Option 2: For engines manufactured between 7/1/2007 and 7/1/2010, NSPS Subpart JJJJ emission limitations apply.

NOx: 2.0 g/hp-hr or 160 ppmvd at 15% $O_2$
CO: 4.0 g/hp-hr or 540 ppmvd at 15% $O_2$
VOC: 1.0 g/hp-hr or 86 ppmvd at 15% $O_2$

Option 3: For engines manufactured prior to 7/1/2007, federally enforceable emission limitations established in the Permit to Construct apply.

NOx: 4.08 lb/MMBTU
CO: 3.72 lb/MMBTU

(Ref.: Permit to Construct issued September 21, 2016, for Engine Option 3 and 40 CFR 60, Subpart JJJJ for Engine Option1 and Option 2)

3.6 For Emission Point AA-017, the permittee may not install stationary internal combustion engines with a maximum power greater than or equal to 500 hp that do not meet the applicable requirements in 40 CFR 60.4233. This requirement does not apply to the

engines if the engines installed were removed from one existing location and reinstalled at a new location. (Ref.: 40 CFR 60.4236 (b) and (e))

3.7 For Emission Point AA-019, the permittee shall comply with the following limitations:

NOx: 1.0 g/hp-hr or 82 ppmvd at 15% $O_2$
CO: 2.0 g/hp-hr or 270 ppmvd at 15% $O_2$
VOC: 0.7 g/hp-hr or 60 ppmvd at 15% $O_2$

(Ref.: 40 CFR 60, Subpart JJJJ)

3.8 For Emission Point AA-019, the permittee shall not install stationary SI ICE with a maximum engine power of less than 500 HP that do not meet the applicable requirements in §60.4233. This requirement does not apply to the engines if the engines installed were removed from one existing location and reinstalled at a new location. (Ref.: 40 CFR 60.4236 (a) and (e))

3.9 For Emission Point AA-019, 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. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.4.D(1)(a))

3.10 The permittee shall not 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 (a) & (b).

(a) 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.

(b) 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.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.A.)

3.11 For Emission Points, AA-015, AA-016, AA-017 and AA-019, the permittee shall operate the engines with emissions controlled by the oxidation catalyst at all times. The control device shall be operated in accordance with the manufacturer's recommendation. The permittee may develop its own operational plan for the control device and submit the plan to MDEQ for approval. (Ref.: Permit to Construct issued September 21, 2016])

3.12 For Emission Points AA-017 and AA-019, the permittee is subject to and shall comply with all applicable requirements of the National Emission Standards for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines in 40 CFR 63, Subpart ZZZZ and the General Provisions in Subpart A. (Ref.: 40 CFR 63, Subpart ZZZZ)

3.13 For Emission Points AA-015, AA-016, AA-017, and AA-019, the permittee shall limit NOx emissions to 95 tpy on a 12-month rolling average; CO emissions to 95 tpy on a 12-month rolling total basis; Individual HAP emissions to 9.0 tons per year; and combined HAP emissions to 19.5 tons per year. (Ref.: Permit to Construct issued September 21, 2016)

**SECTION 4**

## WORK PRACTICES

| Emission Point ID | Applicable Requirement | Condition Number(s) | Pollutant/ Parameter | Work Practice |
|---|---|---|---|---|
| Intentionally Left Blank - No Work Practices Are Being Established Through This Permit Action. | | | | |

## SECTION 5
## MONITORING, RECORDKEEPING and REPORTING REQUIREMENTS

| Emission Point ID | Applicable Requirement | Condition Number(s) | Pollutant/ Parameter | Monitoring/Recordkeeping/Reporting Requirement |
|---|---|---|---|---|
| AA-017<br>AA-019 | 40 CFR 60.4243 and 60.4245 | 5.1 | NOx, CO, VOC | All applicable compliance provisions, notification, reporting, and recordkeeping requirements contained in 40 CFR 60, Subpart JJJJ<br><br>(Engine Option 1 and Option 2) |
| | 40 CFR 63, Subpart ZZZZ | 5.2 | NESHAP ZZZZ | All applicable monitoring, reporting and recordkeeping requirements contained in 30 CFR 63, Subpart ZZZZ |
| | 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11) | 5.3 | NSPS JJJJ | Submittal of a detailed report outlining applicable requirements of 40 CFR 60, Subpart JJJJ and 40 CFR 63, Subpart ZZZZ |
| | 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11) | 5.4 | NOx and CO | Stack Testing (Engine Option 3) & Reporting Requirement |
| AA-015<br>AA-016<br>AA-017<br>AA-019 | 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11) | 5.5 | Hours of Operation | Monitor and record the monthly and rolling 12-month hours of operation for each engine |
| | 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11) | 5.6 | Catalyst Temperature (HAP) | Continuously monitor the temperature rise across the catalyst bed |
| | 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11) | 5.7 | Catalyst Maintenance (HAP) | Maintain a log of all inspections, maintenance, and repairs performed on the oxidation catalyst |
| | 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11) | 5.8 | NOx, CO, Individual HAPs, and Combined HAPs | Calculate monthly and 12-month rolling average NOx, CO, Individual HAP, and Combined HAP emissions |
| | 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11) | 5.9 | | Annual Reporting Requirement for the monthly and 12-month rolling average NOx, CO, Individual HAP, and Combined HAP emissions |

5.1 For Emission Points AA-017 and AA-019, the permittee shall comply with the applicable compliance requirements contained in 40 CFR 60.4243 and the applicable notification, reporting, and recordkeeping requirements contained in 40 CFR 60.4245 for Engine Option 1 or Engine Option 2. (Ref.: 40 CFR 60.4243 and 40 CFR 60.4245)

5.2 For Emission Points AA-017 and AA-019, the permittee shall comply with the applicable notification, reporting, and recordkeeping requirements contained in 40 CFR 63, Subpart ZZZZ. (Ref.: 40 CFR 63, Subpart ZZZZ)

5.3 For Emission Points AA-017 and AA-019, the permittee shall develop and submit a detailed report of all applicable requirements of 40 CFR 60, Subpart JJJJ and 40 CFR 63, Subpart ZZZZ including limitations, notifications, monitoring, testing, reporting and recordkeeping no later than 30 days from the certification of construction date. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11))

5.4 For Emission Points AA-017 and AA-019, if Engine Option 3 is selected, the permittee shall perform initial stack test to demonstrate compliance with the short term NOx and CO emission limitation using EPA Reference Methods 7 and 10 respectively or approved equivalents and submittal of a test report within 60 days of achieving maximum production, but not later than 180 days after initial startup. Subsequent compliance testing shall be conducted in accordance with the testing frequency described in the Synthetic Minor Operating Permit, upon issuance.

The permittee shall submit a written stack test protocol at least thirty (30) days prior to the scheduled test date to ensure that all test methods and procedures are acceptable to the Office of Pollution Control. 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).

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11))

5.5 For Emission Points AA-015, AA-016, AA-017, and AA-019, the permittee shall record the monthly and rolling 12-month total hours of operation for each engine. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11))

5.6 For Emission Points AA-015, AA-016, AA-017, and AA-019, the permittee shall continuously monitor the temperature rise across the catalyst bed by monitoring inlet and outlet temperature. The permittee shall maintain proper catalyst operation and efficiency. (11 Miss. Admin. Code Pt. 2, R. 2.2.B(11))

5.7 For Emission Points AA-015, AA-016, AA-017, and AA-019, the permittee shall keep on site a log of all inspections, maintenance, and repairs performed on the oxidation catalyst. (11 Miss. Admin. Code Pt. 2, R.2.2.B(11))

5.8 For Emission Points AA-015, AA-016, AA-017, and AA-019, the permittee shall show compliance with the NOx, CO, Individual HAP, and Combined HAP tons/year limitations by calculating each month, the monthly emissions and the 12-month rolling average using the applicable short term emission limitations in Condition 3.2 for Emission Points AA-015 and AA-016, Condition 3.5 for Emission Point AA-017, and Condition 3.7 for Emission Point AA-019, along with the hours of operation records required by Condition 5.5 and accepted conversion factors. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11))

5.9 For Emission Points AA-015, AA-016, AA-017, and AA-019, the permittee shall submit an annual report summarizing the monthly and the 12-month rolling total NOx, CO, Individual HAP, and Combined HAP emissions. This report is due annually by January 31 for the preceding calendar year. (11 Miss. Admin. Code Pt. 2, R. 2.2.B(11))

5.10 Upon issuance of the Synthetic Minor Permit to Operate, all monitoring and reporting requirements contained herein the Permit to Construct will be superseded by the monitoring and reporting established in the federally enforceable Permit to Operate. (11 Miss. Admin. Code Pt. 2, R. 2.2.B(11))