

State of Mississippi



AIR POLLUTION CONTROL PERMIT

Permit To Construct Air Emissions Equipment

THIS CERTIFIES

Jaxon Energy LLC, Jaxon Energy Processing Plant
455 Industrial Drive
Jackson, 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: JUN 1 7 2014

Expires:

Permit No. 1080-00258

Agency Interest # 65758

Table of Contents

| Subject Item Inventory | i |
|---------------------------|----|
| | |
| Facility Requirements | 1 |
| | |
| General Information. | A- |
| Other Relevant Documents: | |

Jaxon Energy LLC, Jaxon Energy Processing Plant Subject Item Inventory Permit Number:1080-00258 Activity ID No.: PER20140001

Subject Item Inventory:

| ID | Designation | Description |
|---------|-------------|--|
| AI65758 | | Hydrotreating Process |
| AREA1 | F1-14 | Fugitive Emissions |
| CONT1 | SCB-14 | Packed Bed Scrubber Controls emissions routed from the Thermal Oxidizer. |
| EQPT1 | H1-14 | Process Heater No. 1 7.29 MMBTU/hr Natural Gas Fired |
| EQPT2 | H2-14 | Process Heater No. 2 7.29 MMBTU/hr Natural Gas Fired |
| EQPT3 | B1-14 | Process Steam Boiler 0.75 MMBTU/hr Natural Gas Fired |
| EQPT4 | RB-14 | Process Amine Re-Boiler 1.0 MMBTU/hr Natural Gas Fired, off-gases routed to thermal oxidizer |
| EQPT5 | TO-14 | Process Thermal Oxidizer 3 MMBTU/hr Natural Gas Fired |
| EQPT6 | Gen1-14 | Plant Standby Power Generator 685 hp Diesel Emergency Generator Engine |
| EQPT7 | T1-14 | 100,000 Gallon Fixed Roof Gasoline Storage Tank, controlled by Thermal Oxidizer |
| EQPT8 | T2-14 | 100,000 Gallon Fixed Roof Diesel Storage Tank, controlled by Thermal Oxidizer |
| EQPT9 | T3-14 | 100,000 Gallon Fixed Roof Diesel Storage Tank, controlled by Thermal Oxidizer |
| EQPT10 | T4-14 | 100,000 Gallon Fixed Roof Light Ends Storage Tank, controlled by Thermal Oxidizer |
| EQPT11 | T5-14 | 100,000 Gallon Fixed Roof Light Ends Storage Tank, controlled by Thermal Oxidizer |
| EQPT12 | T6-14 | 100,000 Gallon Fixed Roof Light Ends Storage Tank, controlled by Thermal Oxidizer |
| EQPT13 | T7-14 | 25,000 Gallon Fixed Roof Waste Water Storage Tank, controlled by Thermal Oxidizer |
| EQPT14 | T8-14 | 25,000 Gallon Fixed Roof Slop Oil Storage Tank, controlled by Thermal Oxidizer |
| EQPT15 | T9-14 | 25,000 Gallon Fixed Roof Light Ends Feed Storage Tank, controlled by Thermal Oxidizer |
| EQPT16 | T10-14 | 8,000 Gallon Fixed Roof Calcium Hydroxide (slaked) Storage Tank |
| EQPT17 | CT-14 | Process Cooling Tower |
| EQPT18 | TLO-14 | Truck Loading Operations |

Jaxon Energy LLC, Jaxon Energy Processing Plant Subject Item Inventory Permit Number:1080-00258 Activity ID No.: PER20140001

| | ID | Designation | Description |
|----|------|-------------|---|
| EQ | PT19 | V1-14 | Vacuum Pump, off gases routed to thermal oxidizer |

Subject Item Groups:

| ID | Description | Components |
|-------|--------------------------------------|--|
| GRPT1 | Fuel Burning Requirements | EQPT1 Process Heater No. 1 7.29 MMBTU/hr Natural Gas Fired |
| | | EQPT2 Process Heater No. 2 7.29 MMBTU/hr Natural Gas Fired |
| | | EQPT3 Process Steam Boiler 0.75 MMBTU/hr Natural Gas Fired |
| | | EQPT4 Process Amine Re-Boiler 1.0 MMBTU/hr Natural Gas Fired, off-gases routed to thermal oxidizer |
| | | EQPT5 Process Thermal Oxidizer 3 MMBTU/hr Natural Gas Fired |
| GRPT2 | Emissions routed to Thermal Oxidizer | EQPT10 100,000 Gallon Fixed Roof Light Ends Storage Tank, controlled by Thermal Oxidizer |
| | | EQPT11 100,000 Gallon Fixed Roof Light Ends Storage Tank, controlled by Thermal Oxidizer |
| | | EQPT12 100,000 Gallon Fixed Roof Light Ends Storage Tank, controlled by Thermal Oxidizer |
| | | EQPT13 25,000 Gallon Fixed Roof Waste Water Storage Tank, controlled by Thermal Oxidizer |
| | | EQPT14 25,000 Gallon Fixed Roof Slop Oil Storage Tank, controlled by Thermal Oxidizer |
| | | EQPT15 25,000 Gallon Fixed Roof Light Ends Feed Storage Tank, controlled by Thermal Oxidizer |
| | | EQPT19 Vacuum Pump, off gases routed to thermal oxidizer |
| | | EQPT4 Process Amine Re-Boiler 1.0 MMBTU/hr Natural Gas Fired, off-gases routed to thermal oxidizer |
| | | EQPT7 100,000 Gallon Fixed Roof Gasoline Storage Tank, controlled by Thermal Oxidizer |
| | | EQPT8 100,000 Gallon Fixed Roof Diesel Storage Tank, controlled by Thermal Oxidizer |
| | | EQPT9 100,000 Gallon Fixed Roof Diesel Storage Tank, controlled by Thermal Oxidizer |

| KEY | |
|-----------------------|--|
| ACT = Activity | AI = Agency Interest |
| AREA = Area | CAFO = Concentrated Animal Feeding Operation |
| CONT = Control Device | EQPT = Equipment |
| | |

Jaxon Energy LLC, Jaxon Energy Processing Plant Subject Item Inventory Permit Number:1080-00258

Activity ID No.: PER20140001

| KEY | |
|-----|--|
| | |

IA = Insignificant Activity IMPD = Impoundment

MAFO = Animal Feeding Operation PCS = PCS

RPNT = Release Point TRMT = Treatment

WDPT = Withdrawal Point

Jaxon Energy LLC, Jaxon Energy Processing Plant Facility Requirements Permit Number:1080-00258 Activity ID No.: PER20140001

Page 1 of 13

AI0000065758 Hydrotreating Process:

| Condition No. | Parameter | Condition |
|---------------|--------------------|---|
| L-1 | Particulate Matter | Particulate Matter: 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 exceed forty (40) percent opacity subject to the exceptions provided in (a) and (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 providing 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. [11 Miss. Admin. Code Pt. 2, R. 1.3.A] |
| L-2 | Particulate Matter | Particulate Matter: The permittee shall not cause, allow, or permit the discharge into the ambient air from any point source or emissions, any air contaminant of such opacity as to obscure an observer's view to a degree in exceeds of 40% opacity, equivalent to that provided in Condition L-1. This shall not apply to vision obscuration caused by uncombined water droplets. [11 Miss. Admin. Code Pt. 2, R. 1.3.B] |
| L-3 | | The permittee shall limit the throughput of Diesel to less than 12,960,000 gal/year (12-month rolling total). [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)] |
| L-4 | | The permittee shall limit the throughput of Gasoline to less than 3,240,000 gal/year (12-month rolling total). [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)] |
| L-5 | | The permittee shall not exceed 8,352 hours/year (12-month rolling total) for the hydrotreating process. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)] |

Jaxon Energy LLC, Jaxon Energy Processing Plant Facility Requirements Permit Number:1080-00258 Activity ID No.: PER20140001

Page 2 of 13

AI0000065758 (continued):

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] |

Jaxon Energy LLC, Jaxon Energy Processing Plant Facility Requirements Permit Number:1080-00258 Activity ID No.: PER20140001

Page 3 of 13

AI0000065758 (continued):

T-9

Narrative Requirements: **General Condition:** Condition No. Condition General Condition: The air pollution control facilities shall be constructed such that diversion from or bypass of collection and control facilities is not needed T-4 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] 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 T-6 cause shown including, but not limited to, the following: a. Persistant 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.] General Condition: Except for data determined to be confidential under the Mississippi Air & Water Pollution Control Law, all reports prepared in accordance T-7 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.]

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).]

Jaxon Energy LLC, Jaxon Energy Processing Plant Facility Requirements Permit Number:1080-00258 Activity ID No.: PER20140001

Page 4 of 13

AI0000065758 (continued):

| Condition No. | Condition |
|---------------|--|
| 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).] |
| 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).] |

Jaxon Energy LLC, Jaxon Energy Processing Plant Facility Requirements Permit Number:1080-00258 Activity ID No.: PER20140001

Page 5 of 13

AI0000065758 (continued):

| C = 11/11 = 11 | |
|----------------|--|
| Condition No. | Condition |
| 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).] |
| 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 APC-S-2, Section XIII.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).] |

Jaxon Energy LLC, Jaxon Energy Processing Plant Facility Requirements Permit Number:1080-00258 Activity ID No.: PER20140001

Page 6 of 13

AI0000065758 (continued):

| Condition No. | Condition |
|---------------|---|
| 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).] |
| 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).] |

Jaxon Energy LLC, Jaxon Energy Processing Plant Facility Requirements Permit Number:1080-00258 Activity ID No.: PER20140001

Page 7 of 13

CONT000000001 (SCB-14) Packed Bed Scrubber -- Controls emissions routed from the Thermal Oxidizer.:

| Condition No. | Parameter | Condition |
|---------------|------------------|---|
| L-1 | Hydrogen sulfide | Hydrogen sulfide: The permittee shall not casue or permit the emission of any gas stream which contains hydrogen sulfide in excess of one grain per 100 standard cubic feet. [11 Miss. Admin. Code Pt. 2, R. 1.4.B(2)] |
| L-2 | Sulfur Dioxide | Sulfur Dioxide: The permitee shall not cause or permit the emissions of gas containing sulfur oxides (measured as sulfur dioxide) in excess of 500 ppm (volume) from any process equipment contructed after January 25, 1972. [11 Miss. Admin. Code Pt. 2, R. 1.4.B(1)] |
| L-3 | Sulfur Dioxide | Sulfur Dioxide: The emissions shall not exceed 22.4 lb/hr (3-hr average) of Sulfur Dioxide. [11 Miss. Admin. Code Pt. 2, Ch. 8. 2.2.B(10)] |
| L-4 | | Emission Point SCB-14 shall be operated at all times emissions may be vented to it. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)] |

Jaxon Energy LLC, Jaxon Energy Processing Plant Facility Requirements Permit Number:1080-00258 Activity ID No.: PER20140001

Page 8 of 13

EQPT000000005 (TO-14) Process Thermal Oxidizer -- 3 MMBTU/hr Natural Gas Fired:

| Condition No. | Parameter | Condition | |
|----------------------|-----------|--|--|
| L-1 Hydrogen sulfide | | Hydrogen sulfide: The permittee shall not casue or permit the emission of any gas stream which contains hydrogen sulfide in excess of one grain per 100 standard cubic feet. | |
| | | Gas streams containing hydrogen sulfide in excess of one grain per 100 standard cubic feet shall be incinerated at temperatures of not less than 1600 degrees F for a period of not less than 0.5 seconds. [11 Miss. Admin. Code Pt. 2, R. 1.4.B(2)] | |
| L-2 | | Emission Point TO-14 shall be operated at all times emissions may be vented to it. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)] | |

Jaxon Energy LLC, Jaxon Energy Processing Plant Facility Requirements Permit Number:1080-00258 Activity ID No.: PER20140001

Page 9 of 13

EQPT000000006 (Gen1-14) Plant Standby Power Generator -- 685 hp Diesel Emergency Generator Engine:

| Condition No. | Condition |
|------------------|--|
| T-1 | For Emission Point Gen1-14, the permittee is subject to and shall comply with National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines and General Provisions (40 CFR 63, Subparts A and ZZZZ). The permittee shall comply with this subpart by complying with 40 CFR 63.6590(c). [40 CFR 63.6585(c)] |
| T-2 | For Emission Point Gen1-14, the permittee is subject to and shall comply with Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (40 CFR 60, Subpart IIII) and General Provisions (40 CFR 60, Subpart A). [40 CFR 60.4200(a)(2)] |

Jaxon Energy LLC, Jaxon Energy Processing Plant Facility Requirements Permit Number:1080-00258 Activity ID No.: PER20140001

Page 10 of 13

EQPT0000000007 (T1-14) 100,000 Gallon Fixed Roof Gasoline Storage Tank, controlled by Thermal Oxidizer:

| Condition No. | n Parameter | Condition | |
|---------------|---|---|--|
| L-1 | | For Emission Point T1-14, the permittee shall equip the storage tank with a closed vent system and control device meeting the following requirements: | |
| | | (i) The closed vent system shall be designed to collect all VOC vapors and gases discharge from the storage vessel and operated with no detectable emisisons as indicated by an instrument reading of less than 500 ppm above background and visual inspections, as determined in part 60, supbart VV, 60.485(b). | |
| | | (ii) The control device shall be designed and operated to reduce inlet VOC emissions by 95 percent or greater. [40 CFR 60.112b(a)(3)] | |
| Record | -Keeping Requirements: | | |
| Condition | | | |
| No. | Condition | | |
| R-1 | For Emission Point T1-14, the permittee shall keep a copy of the operating plan. [40 CFR 60.115b(c)(1)] | | |

Jaxon Energy LLC, Jaxon Energy Processing Plant Facility Requirements Permit Number:1080-00258 Activity ID No.: PER20140001

Page 11 of 13

EQPT0000000007 (continued):

Submittal/Action Requirements:

requirements of this paragraph.

| Condition No. | Condition | | |
|------------------|--|--|--|
| S-1 | For Emission Point T1-14, the permittee shall meet the following requirements: | | |
| | (i) Submit for approval an operating plan containing the information listed below: (a) Documentation demonstration that the control device will achieve the required control efficiency during maximum loading conditions. This documentation is to include a description of the gas stream which enters the control device, including flow and VOC content under varying liquid level conditions (dynamic and static) and manufacturer's design specifications for the control device. If the control device or the closed vent capture system receives vapors, gases, or liquids other than fuels from sources that are not designated sources under this subpart, the efficiency demonstration is to include consideration of all vapors, gases, and liquids received by the closed vent capture system and control device. If an enclosed combustion device with a minimum residence time of 0.75 seconds and a minimum temperature of 816 degrees C is used to meet the 95 percent requirement, documentation that those conditions will exist is sufficent to meet the | | |

- (b) A description of the parameter or parameters to be monitored to ensure that the control device will be oprated in conformance with its design and an explanation of the criteria used for selection of that parameter (or parameters).
- (ii) Operate the closed vent system and control device and monitor the parameters of the closed vent system and control device in accordance with the operating plan submitted to MDEQ unless the plan was modified by MDEQ during the review process. In this case, the modified plan applies. [40 CFR 60.113b(c)]

| Condition No. | Condition |
|---------------|---|
| T-1 | For Emission Point T1-14, the permittee is subject to and shall comply with all applicable requirements of Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for which Construction, Reconstruction, or Modification Commenced after July 23, 1984 (40 CFR 60, Subpart Kb) and the General Provisions (40 CFR 60, Subpart A). [40 CFR 60.110b(a)] |

Jaxon Energy LLC, Jaxon Energy Processing Plant Facility Requirements Permit Number:1080-00258 Activity ID No.: PER20140001

Page 12 of 13

GRPT0000000001 Fuel Burning Requirements:

| Condition No. | Parameter | Condition |
|---------------|-----------|---|
| L-1 | | The maximum opacity from any point source or emissions at any time shall not exceed 40% as determined by EPA Test Method 9, 40 CFR 60, Appendix A. [11 Miss. Admin. Code Pt. 2, R. 1.3.B] |
| L-2 | | The maximum permissible emission of ash and/or particulate matter from each fossil fuel burning installations of less than 10 million BTU per hour heat input shall not exceed 0.6 pounds per million BTU per hour heat input. [11 Miss. admin. Code Pt. 2, R. 1.3.D(1)(a).] |
| L-3 | | The maximum discharge of sulfur oxides from each fuel burning installation in which the fuel is burned primarily to produce heat or power by indirect heat transfer shall not exceed 4.8 pounds (measured as sulfur dioxide) per million BTU heat input. [11 Miss. Admin. Code Pt. 2, R. 1.4.A(1).] |

Jaxon Energy LLC, Jaxon Energy Processing Plant Facility Requirements Permit Number:1080-00258 Activity ID No.: PER20140001

Page 13 of 13

GRPT0000000002 Emissions routed to Thermal Oxidizer:

| Condition No. | Parameter | Condition |
|---------------|-----------|--|
| L-1 | | Emissions shall be routed to the thermal oxidizer at all times. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)] |

GENERAL INFORMATION

Jaxon Energy LLC, Jaxon Energy Processing Plant
455 Industrial Drive
Jackson, MS
Hinds County

Alternate/Historic Identifiers

| ID | Alternate/Historic Name | User Group | Start Date | End Date |
|--------------|---|-------------------------------|------------|-----------|
| 65758 | Jaxon Energy, LLC | Official Site Name | 4/8/2014 | |
| MSR000106666 | Jaxon Energy | Hazardous Waste-EPA ID | 4/8/2014 | |
| 2804900258 | Jaxon Energy, LLC | Air-AIRS AFS | 4/17/2014 | |
| 108000258 | Jaxon Energy LLC, Jaxon Energy Processing Plant | Air-Synthetic Minor Operating | 6/17/2014 | 5/31/2019 |
| 108000258 | Jaxon Energy LLC, Jaxon Energy Processing Plant | Air-Construction | 6/17/2014 | |

Basin: Big Black River Basin

Location Description: