

**STATE OF MISSISSIPPI
AIR POLLUTION CONTROL
TITLE V PERMIT**

TO OPERATE AIR EMISSIONS EQUIPMENT

THIS CERTIFIES THAT

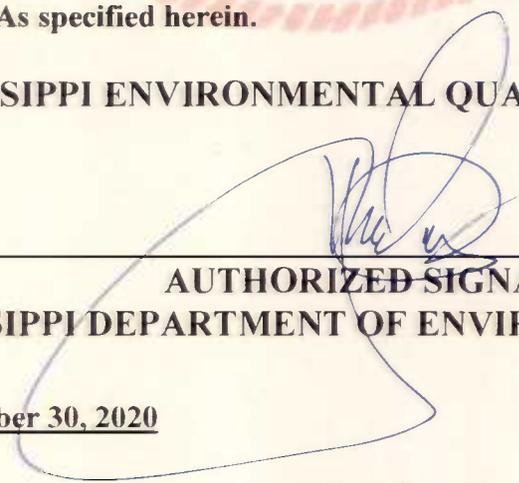
PROFILE Products, LLC
7250 Highway 15 North
Blue Mountain, Mississippi
(Tippah County)

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 Title V of the Federal Clean Air Act (42 U.S.C.A. § 7401 - 7671) and 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.

Permit Issued: DEC 15 2015

Effective Date: As specified herein.

MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD



AUTHORIZED SIGNATURE

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Expires: November 30, 2020

Permit No.: 2620-00020

TABLE OF CONTENTS

SECTION 1. GENERAL CONDITIONS	3
SECTION 2. EMISSION POINTS & POLLUTION CONTROL DEVICES.....	12
SECTION 3. EMISSION LIMITATIONS & STANDARDS.....	15
SECTION 4. COMPLIANCE SCHEDULE	19
SECTION 5. MONITORING, RECORDKEEPING & REPORTING REQUIREMENTS	21
SECTION 6. ALTERNATIVE OPERATING SCENARIOS.....	28
SECTION 7. TITLE VI REQUIREMENTS.....	29

APPENDIX A LIST OF ABBREVIATIONS USED IN THIS PERMIT

APPENDIX B 40 CFR PART 60, SUBPART OOO – STANDARDS OF PERFORMANCE FOR NONMETALLIC MINERAL PROCESSING PLANTS

APPENDIX C 40 CFR PART 63, SUBPART ZZZZ – NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR STATIONARY RECIPROCATING INTERNAL COMBUSTION ENGINES (RICE)

SECTION 1. GENERAL CONDITIONS

- 1.1 The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Federal Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(6)(a).)
- 1.2 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. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(6)(b).)
- 1.3 This permit and/or any part thereof may be modified, revoked, reopened, and reissued, or terminated for cause. 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. 6.3.A(6)(c).)
- 1.4 (a) This permit shall be reopened and revised under any of the following circumstances:
- (1) Additional applicable requirements under the Federal Act become applicable to a major Title V source with a remaining permit term of 3 or more years. Such a reopening shall be completed no later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended.
 - (2) Additional requirements (including excess emissions requirements) become applicable to an affected source under the acid rain program. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.
 - (3) The Permit Board or EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emission standards or other terms or conditions of the permit.
 - (4) The Administrator or the Permit Board determines that the permit must be revised or revoked to assure compliance with the applicable requirements.
- (b) Proceedings to reopen and issue this permit shall follow the same procedures as apply to initial permit issuance and shall only affect those parts of the permit for which cause to reopen exists. Such reopening shall be made as expeditiously as practicable.
- (c) Reopenings shall not be initiated before a notice of such intent is provided to the Title V source by the DEQ at least 30 days in advance of the date that the permit is to be reopened, except that the Permit Board may provide a shorter time period in the case

of an emergency.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.4.G)

- 1.5 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 permittee or, for information to be confidential, the permittee shall furnish such records to 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. 6.3.A(6)(e).)
- 1.6 This permit does not convey any property rights of any sort, or any exclusive privilege. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(6)(d).)
- 1.7 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. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(5).)
- 1.8 The permittee shall pay to the DEQ an annual permit fee. The amount of fee shall be determined each year based on the provisions of regulated pollutants for fee purposes and the fee schedule specified in the Commission on Environmental Quality's order which shall be issued in accordance with the procedure outlined in Regulation 11 Miss. Admin. Code Pt. 2, Ch. 6.)
 - (a) For purposes of fee assessment and collection, the permittee shall elect for actual or allowable emissions to be used in determining the annual quantity of emissions unless the Commission determines by order that the method chosen by the applicant for calculating actual emissions fails to reasonably represent actual emissions. Actual emissions shall be calculated using emission monitoring data or direct emissions measurements for the pollutant(s); mass balance calculations such as the amounts of the pollutant(s) entering and leaving process equipment and where mass balance calculations can be supported by direct measurement of process parameters, such direct measurement data shall be supplied; published emission factors such as those relating release quantities to throughput or equipment type (e.g., air emission factors); or other approaches such as engineering calculations (e.g., estimating volatilization using published mathematical formulas) or best engineering judgments where such judgments are derived from process and/or emission data which supports the estimates of maximum actual emission. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.A(2).)
 - (b) If the Commission determines that there is not sufficient information available on a facility's emissions, the determination of the fee shall be based upon the permitted

allowable emissions until such time as an adequate determination of actual emissions is made. Such determination may be made anytime within one year of the submittal of actual emissions data by the permittee. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.A(2).) If at any time within the year the Commission determines that the information submitted by the permittee on actual emissions is insufficient or incorrect, the permittee will be notified of the deficiencies and the adjusted fee schedule. Past due fees from the adjusted fee schedule will be paid on the next scheduled quarterly payment time. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.D(2).)

- (c) The fee shall be due September 1 of each year. By July 1 of each year the permittee shall submit an inventory of emissions for the previous year on which the fee is to be assessed. The permittee may elect a quarterly payment method of four (4) equal payments; notification of the election of quarterly payments must be made to the DEQ by the first payment date of September 1. The permittee shall be liable for penalty as prescribed by State Law for failure to pay the fee or quarterly portion thereof by the date due. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.D.)
 - (d) If in disagreement with the calculation or applicability of the Title V permit fee, the permittee may petition the Commission in writing for a hearing in accordance with State Law. Any disputed portion of the fee for which a hearing has been requested will not incur any penalty or interest from and after the receipt by the Commission of the hearing petition. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.C.)
- 1.9 No permit revision shall be required under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(8).)
- 1.10 Any document required by this permit to be submitted to the DEQ shall contain a certification by a responsible official that states that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.2.E.)
- 1.11 The permittee shall allow the DEQ, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to perform the following:
- (a) enter upon the permittee's premises where a Title V source is located or emissions-related activity is conducted, or where records must be kept under the conditions of this permit;
 - (b) have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
 - (c) inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and

- (d) as authorized by the Federal Act, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.C(2).)

- 1.12 Except as otherwise specified or limited herein, the permittee shall have necessary sampling ports and ease of accessibility for any new air pollution control equipment, obtained after May 8, 1970, and vented to the atmosphere. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.I(1).)

- 1.13 Except as otherwise specified or limited herein, the permittee shall provide the necessary sampling ports and ease of accessibility when deemed necessary by the Permit Board for air pollution control equipment that was in existence prior to May 8, 1970. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.I(2).)

- 1.14 Compliance with the conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance where such applicable requirements are included and are specifically identified in the permit or where the permit contains a determination, or summary thereof, by the Permit Board that requirements specifically identified previously are not applicable to the source. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.F(1).)

- 1.15 Nothing in this permit shall alter or affect the following:
 - (a) the provisions of Section 303 of the Federal Act (emergency orders), including the authority of the Administrator under that section;
 - (b) the liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;
 - (c) the applicable requirements of the acid rain program, consistent with Section 408(a) of the Federal Act.
 - (d) the ability of EPA to obtain information from a source pursuant to Section 114 of the Federal Act. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.F(2).)

- 1.16 The permittee shall comply with the requirement to register a Risk Management Plan if permittee's facility is required pursuant to Section 112(r) of the Act to register such a plan. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.H.)

- 1.17 Expiration of this permit terminates the permittee's right to operate unless a timely and complete renewal application has been submitted. A timely application is one which is submitted at least six (6) months prior to expiration of the Title V permit. If the permittee submits a timely and complete application, the failure to have a Title V permit is not a violation of regulations until the Permit Board takes final action on the permit application. This protection shall cease to apply if, subsequent to the completeness determination, the permittee fails to submit by the deadline specified in writing by the DEQ any additional

information identified as being needed to process the application. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.4.C(2)., R. 6.4.B., and R. 6.2.A(1)(c).)

- 1.18 The permittee is authorized to make changes within their facility without requiring a permit revision (ref: Section 502(b)(10) of the Act) if:
- (a) the changes are not modifications under any provision of Title I of the Act;
 - (b) the changes do not exceed the emissions allowable under this permit;
 - (c) the permittee provides the Administrator and the Department with written notification in advance of the proposed changes (at least seven (7) days, or such other time frame as provided in other regulations for emergencies) and the notification includes:
 - (1) a brief description of the change(s),
 - (2) the date on which the change will occur,
 - (3) any change in emissions, and
 - (4) any permit term or condition that is no longer applicable as a result of the change;
 - (d) the permit shield shall not apply to any Section 502(b)(10) change. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.4.F(1).)
- 1.19 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 or, in the absence of an approved schedule, with the appropriate requirements specified in 11 Miss. Admin. Code Pt. 2, Ch. 3., "Regulations for the Prevention of Air Pollution Emergency Episodes" for the level of emergency declared. (Ref.: 11 Miss. Admin. Code Pt. 2, Ch. 3.)
- 1.20 Except as otherwise provided herein, a modification of the facility may require a Permit to Construct in accordance with the provisions of Regulations 11 Miss. Admin. Code Pt. 2, Ch. 2., "Permit Regulations for the Construction and/or Operation of Air Emissions Equipment", and may require modification of this permit in accordance with Regulations 11 Miss. Admin. Code Pt. 2, Ch. 6., "Air Emissions Operating Permit Regulations for the Purposes of Title V of the Federal Clean Air Act". Modification is defined as "[a]ny physical change in or change in the method of operation of a facility which increases the actual emissions or the 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:
 - (1) 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
 - (2) the source is approved to use under any permit issued under 40 CFR 52.21 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 52.21 or under regulations approved pursuant to 40 CFR Subpart I or 40 CFR 51.166; or
 - (f) any change in ownership of the stationary source."
- 1.21 Any change in ownership or operational control must be approved by the Permit Board. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.4.D(4).)
- 1.22 This permit is a Federally approved operating permit under Title V of the Federal Clean Air Act as amended in 1990. All terms and conditions, including any designed to limit the source's potential to emit, are enforceable by the Administrator and citizens under the Federal Act as well as the Commission. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.B(1).)
- 1.23 Except as otherwise specified or limited herein, the open burning of residential, commercial, institutional, or industrial solid waste, is prohibited. This prohibition does not apply to infrequent burning of agricultural wastes in the field, silvicultural wastes for forest management purposes, land-clearing debris, debris from emergency clean-up operations, and ordnance. Open burning of land-clearing debris must not use starter or auxiliary fuels which cause excessive smoke (rubber tires, plastics, etc.); must not be performed if prohibited by local ordinances; must not cause a traffic hazard; must not take place where there is a High Fire Danger Alert declared by the Mississippi Forestry Commission or Emergency Air Pollution Episode Alert imposed by the Executive Director and must meet the following buffer zones.

- (a) Open burning without a forced-draft air system must not occur within 500 yards of an occupied dwelling.
- (b) Open burning utilizing a forced-draft air system on all fires to improve the combustion rate and reduce smoke may be done within 500 yards of but not within 50 yards of an occupied dwelling.
- (c) Burning must not occur within 500 yards of commercial airport property, private air fields, or marked off-runway aircraft approach corridors unless written approval to conduct burning is secured from the proper airport authority, owner or operator. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.G.)

1.24 Except as otherwise specified herein, the permittee shall be subject to the following provision with respect to emergencies.

- (a) Except as otherwise specified herein, an "emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.
- (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 that include information as follows:
 - (1) an emergency occurred and that the permittee can identify the cause(s) of the emergency;
 - (2) the permitted facility was at the time being properly operated;
 - (3) 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
 - (4) the permittee submitted notice of the emergency to the DEQ within 2 working days of the time when emission limitations were exceeded due to the emergency. This notice must contain 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 an 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. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.G.)

1.25 Except as otherwise specified herein, the permittee shall be subject to the following provisions with respect to upsets, startups, shutdowns and maintenance.

- (a) Upsets (as defined by 11 Miss. Admin. Code Pt. 2, R. 1.2.KK.)
 - (1) 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 5 working days of the time the upset began; and
 - (v) the notice of the upset shall contain a description of the upset, any steps taken to mitigate emissions, and corrective actions taken.
 - (2) In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.
 - (3) This provision is in addition to any upset provision contained in any applicable requirement.
- (b) Startups and Shutdowns (as defined by 11 Miss. Admin. Code Pt. 2, R. 1.2.HH. & R. 1.2.CC.)
 - (1) 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.
- (2) In any enforcement proceeding, the permittee seeking to establish the applicability of any exception during a startup or shutdown has the burden of proof.
 - (3) In the event this startup and shutdown provision conflicts with another applicable requirement, the more stringent requirement shall apply.
- (c) Maintenance.
- (1) 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 the DEQ within 5 working days of the time the maintenance began or such other times as allowed by DEQ; and

- (v) the notice shall contain a description of the maintenance, any steps taken to mitigate emissions, and corrective actions taken.
 - (2) In any enforcement proceeding, the permittee seeking to establish the applicability of this section has the burden of proof.
 - (3) In the event this maintenance provision conflicts with another applicable requirement, the more stringent requirement shall apply. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.10.)
- 1.26 The permittee shall comply with all applicable standards for demolition and renovation activities pursuant to the requirements of 40 CFR Part 61, Subpart M, as adopted by reference in Regulation 11 Miss Admin. Code Pt. 2, R. 1.8. The permittee shall not be required to obtain a modification of this permit in order to perform the referenced activities.

SECTION 2. EMISSION POINTS & POLLUTION CONTROL DEVICES

Emission Point	Description
AA-001	Jesco/IMC Venturi Wet Scrubber #1 (Ref. SR-1) controls the following sources: <ul style="list-style-type: none"> • 35 TPH Pre-dryer equipped with 40.5 MMBTU/H Natural Gas/Oil-fired Burner • Conveyor (Ref. C-8) • Cooler (Ref. COL)
AA-002	Jesco/IMC Venturi Wet Scrubber #2 (Ref. SR-2) controls the 18 TPH Calciner equipped with 21.5 MMBTU/H Natural Gas/Oil-fired Burner
AA-003	50 TPH Bulk Loading Process equipped with Dust Collector (Ref. DC-1) controls the following sources: <ul style="list-style-type: none"> • Bucket Elevator (Ref. BE-7) • Bucket Elevator (Ref. BE-8) • Bucket Elevator (Ref. BE-9) • Belt Conveyor (Ref. C-13) • Belt Conveyor (Ref. C-15) • Belt Conveyor (Ref. C-19) • Belt Conveyor (Ref. C-20) • Belt Conveyor (Ref. C-29) • Belt Conveyor (Ref. C-30) • Kice Aspirator (Ref. K-2) • Kice Aspirator (Ref. K-3) • Sweco Screens (Ref. SW-1) • Sweco Screens (Ref. SW-2) • Bagging Scale (Ref. PK-7) • Bagging Scale (Ref. PK-9) • Storage Bin (Ref. BN-5) • Storage Bin (Ref. BN-6) • Storage Bin (Ref. BN-9) • Storage Bin (Ref. BN-10) • Rail/Truck Bulk Loading Operation
AA-004	Calcined Packaging Process equipped with Dust Collector (Ref. DC-2) controls the following sources: <ul style="list-style-type: none"> • Calcined Packer (Ref. PK-1) • 25 lb Valve Packer (Ref. PK-2)
AB-001	3.5 TPH MPM Conveying System and Storage Bin (Ref. BN-3) equipped with Dust Collector (Ref. DC-3)
AB-002	15 TPH Materials Processing, Handling, Storage & Packaging equipped with Dust Collector Baghouse (Ref. DC-4) controls the following sources: <ul style="list-style-type: none"> • Belt Conveyor -Head Pulley Only (Ref. C-14) • Bucket Elevator (Ref. BE-3) • Bagging Scale (Ref. PK-8) • Bagging Scale (Ref. PK-10) • Sweco Screen (Ref. SW-3) • Continental Rollo-Mixer (Ref. CM-1) • Surge Bin (Ref. SB-1) • Storage Bin (Ref. BN-1) • Storage Bin (Ref. BN-2) • Storage Bin (Ref. BN-4)

Emission Point	Description
AB-003	<p>25 TPH Pet Litter Manufacturing Operation equipped with Dust Collector Baghouse (Ref. DC-5) controls the following sources:</p> <ul style="list-style-type: none"> • Ferrell-Ross Mill, Model No. 12x52RH (Ref. RM-5) • Conveyor (Ref. PC-2) • Storage Bin (Ref. BN-7) • Storage Bin (Ref. BN-8) • Conveyor (Ref. C4-A) • Bucket Elevator (Ref. PE-1) • Bucket Elevator (Ref. PE-3) • Bucket Elevator (Ref. PE-4) • Kice Aspirator (Ref. K-1) • Duplex Scale (Ref. PK-4)
AB-004	<p>15 TPH Calcined Processing Operations equipped with Dust Collector (Ref. DC-6) controls the following sources:</p> <ul style="list-style-type: none"> • Derrick Screens #1 & #2 (Ref. DR-1 & DR-2) • Rotex Screens #5 & #6 (Ref. RS-5 & RS-6) • SWECO Screens #5 & #6 (Ref. SW-5 & SW-6) • Bucket Elevator (Ref. BE-1) • Bucket Elevator (Ref. BE-2) • Bucket Elevator (Ref. BE-4) • Bucket Elevator (Ref. BE-5) • Bucket Elevator (Ref. BE-6) • Conveyor (Ref. SC-3) • Belt Conveyor (Ref. C-6) • Belt Conveyor (Ref. C-7) • Belt Conveyor (Ref. C-11) • Belt Conveyor (Ref. C-12) • Belt Conveyor (Ref. C-13) • Belt Conveyor - Tail Pulley (Ref. C-14) • Belt Conveyor (Ref. C-28) • Belt Conveyor (Ref. C-32) • Slurry Tank (Ref. ST-2) • Ross Mill No. 4 (Ref. RM-4) • MPM Blower (Ref. BAV)
AB-006	<p>35 TPH Midwest/Tyler Circuit equipped with two (2) Baghouses (Ref. DC-7 & DC-8), which exhaust to a common stack and control the following sources:</p> <ul style="list-style-type: none"> • Baghouse #1: (Ref. DC-7) <ul style="list-style-type: none"> ○ Bucket Elevator (Ref. PE-6) ○ Tyler Screen (Ref. TC-1) • Baghouse #2: (Ref. DC-8) <ul style="list-style-type: none"> ○ Midwest Screen (Ref. MDW) ○ Roakamp-Champion Roller Mill (Ref. RK-1) ○ Conveyor (Ref. C4-B) ○ Conveyor (Ref. C-5) ○ Bucket Elevator (Ref. PE-2)
AB-007	20 TPH Materials Storage Bin (Ref. BN-11) equipped with Dust Collector (Ref. DC-9)
AB-008	115 kW (154 HP) Diesel-fired Emergency Generator (Ref. EG-1)

Emission Point	Description
AB-009	20 TPH Process Fines Collection and Raw Materials Bin (Ref. BN-12) and Pneumatic Conveying System (Ref. PN-1) equipped with Dust Collector (Ref. DC-10)
AB-010	Bulk Sack Filling Operation equipped with Dust Collector (Ref. DC-11)
AB-012	New Size Material Operation equipped with Dust Collector (Ref. DC-12) controls the following sources: <ul style="list-style-type: none"> • Bucket Elevator (Ref. PE-7) • Bucket Elevator (Ref. PE-8) • Bucket Elevator (Ref. PE-9) • Small Rotex Screen • Large Rotex Screen • RMS Crusher • Screw Conveyor (Ref. SC-5) • Screw Conveyor (Ref. SC-6) • Screw Conveyor (Ref. SC-7) • Screw Conveyor (Ref. SC-8)
AC-001	100,000 Gallon #2 Fuel Oil Storage Tank (Ref. T-6)
AC-002	12,300 Gallon Diesel Storage Tank (Ref. T-1)
AC-003	1,000 Gallon Diesel Storage Tank (Ref. T-2)
AC-004	275 Gallon Lubricating Oil Storage Tank (Ref. T-3)
AC-005	275 Gallon Lubricating Oil Storage Tank (Ref. T-4)
AC-006	275 Gallon Lubricating Oil Storage Tank (Ref. T-5)
AC-007	500 Gallon Used Oil Storage Tank (Ref. T-7)
AC-008	500 Gallon Propane Storage Tank (Ref. T-8)

SECTION 3. EMISSION LIMITATIONS & STANDARDS

A. Facility-Wide Emission Limitations & Standards

3.A.1 Except as otherwise specified or limited herein, 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.A.2 Except as otherwise specified or limited herein, 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 excess of 40% opacity, equivalent to that provided in Paragraph 3.A.1. This shall not apply to vision obscuration caused by uncombined water droplets. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.B.)

B. Emission Point Specific Emission Limitations & Standards

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Limit/Standard
AA-001, AA-002 & AB-008	11 Miss. Admin. Code Pt. 2, R. 1.4.A(1).	3.B.1 & 3.B.2	SO ₂	4.8 lbs/MMBTU
AA-001 through AA-004 & AB-001 through AB-004, AB-006,	11 Miss. Admin. Code Pt. 2, R. 1.3.F(1).	3.B.3	PM/PM ₁₀ /PM _{2.5}	$E = 4.1 * (p)^{0.67}$

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Limit/Standard
AB-007 & AB-009				
AA-003 & AB-002 through AB-004, AB-006 & AB-009	40 CFR 60.672(a)(1)	3.B.4 & 3.B.5(a)(1)	PM/PM ₁₀ /PM _{2.5}	0.05 g/dscm (0.022 gr/dscf) (stack emissions)
	40 CFR 60.672(a)(2)	3.B.4 & 3.B.5(a)(2)	Opacity	7% (stack emissions)
	40 CFR 60.672(b)	3.B.4 & 3.B.5(b)		10% (fugitive emissions)
AB-008	11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a).	3.B.6	PM/PM ₁₀ /PM _{2.5}	0.6 lbs/MMBTU
	40 CFR Part 63, Subpart ZZZZ – NESHAP for Stationary RICE	3.B.7	Applicability	40 CFR 63.6585(c) and 63.6590(a)(1)(iii)
		3.B.8	Work Practice Standards	40 CFR 63.6603(a) and Table 2d
AB-010 & AB-012	40 CFR 60.672(f)	3.B.9	PM/PM ₁₀ /PM _{2.5}	0.014 gr/dscf (0.032 g/dscm) (stack emissions)
	40 CFR 60.674(c)	3.B.10	Opacity	No visible emissions

- 3.B.1 For Emission Points AA-001, AA-002, and AB-008, 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. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.4.A(1).)
- 3.B.2 For Emission Points AA-001 and AA-002, the permittee shall only use natural gas or No. 2 fuel oil. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(1).)
- 3.B.3 For Emission Points AA-001 through AA-004, AB-001 through AB-004, AB-006, Ab-007, and AB-009, except as otherwise specified, the permittee shall not cause, permit, or allow the emissions, in any one hour from any point source, of total particulate matter in total quantities in excess of the amount determined by the relationship $E = 4.1 * (p)^{0.67}$, where E is the emission rate in pounds per hour and p is the process weight input rate in tons per hour. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.F(1).)
- 3.B.4 For Emission Points AA-003, AB-002 through AB-004, AB-006, and AB-009, the permittee is subject to and shall comply with 40 CFR Part 60, Subpart A – General Provisions and Subpart OOO – Standards of Performance for Nonmetallic Mineral Processing Plants. (Ref.: 40 CFR 60.672)

3.B.5 For Emission Points AA-003, AB-002 through AB-004, AB-006, and AB-009, the permittee shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility:

(a) any stack emissions which:

(1) contain particulate matter in excess of 0.05 grams per dry standard cubic meter;
or

(2) exhibit greater than seven (7) percent opacity.

(b) any fugitive emissions which exhibit greater than ten (10) percent opacity, except as provided in 40 CFR 60.672(c), (d), and (e).

(Ref.: 40 CFR 60.672(a) and (b))

3.B.6 For Emission Point AB-008, the permittee shall not cause, permit, or allow the emissions of total particulate matter in excess of 0.6 pounds per million BTU per hour heat input. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a).)

3.B.7 For Emission Point AB-008, the permittee is subject to and shall comply with 40 CFR Part 63, Subpart ZZZZ - National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE) in accordance with 63.6585(c) and 63.6590(a)(1)(iii).

3.B.8 For Emission Point AB-008, the permittee shall comply with the following requirements:

(a) change oil and filter every 500 hours of operation or annually, whichever comes first;

(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 or annually, whichever comes first, and replace as necessary.

(Ref.: 40 CFR 63.6603(a) and Table 2d)

3.B.9 For Emission Points AB-010 and AB-012, the permittee is subject to and shall comply with 40 CFR Part 60, Subpart A – General Provisions and Subpart OOO – Standards of Performance for Nonmetallic Mineral Processing Plants. (Ref.: 40 CFR 60.672(f))

3.B.10 For Emission Points AB-010 and AB-012, the permittee shall not cause to be

discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any visible emissions. (Ref.: 40 CFR 60.674(c))

C. Insignificant and Trivial Activity Emission Limitations & Standards

Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Limit/Standard
11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a).	3.C.1	PM	0.6 lbs/MMBTU or as otherwise limited by facility modification restrictions
11 Miss. Admin. Code Pt. 2, R. 1.4.A(1).	3.C.2	SO ₂	4.8 lbs/MMBTU or as otherwise limited by facility modification restrictions

- 3.C.1 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. 1.3.D(1)(a).)
- 3.C.2 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. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.4.A(1).)

SECTION 4. COMPLIANCE SCHEDULE

- 4.1 Unless otherwise specified herein, the permittee shall be in compliance with all requirements contained herein upon issuance of this permit.
- 4.2 Except as otherwise specified herein, the permittee shall submit to the Permit Board and to the Administrator of EPA Region IV a certification of compliance with permit terms and conditions, including emission limitations, standards, or work practices, by January 31 for the preceding calendar year. Each compliance certification shall include the following:
 - (a) the identification of each term or condition of the permit that is the basis of the certification;

- (b) the compliance status;
- (c) whether compliance was continuous or intermittent;
- (d) the method(s) used for determining the compliance status of the source, currently and over the applicable reporting period;
- (e) such other facts as may be specified as pertinent in specific conditions elsewhere in this permit. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.C(5)(a), (c), & (d).)

SECTION 5. MONITORING, RECORDKEEPING & REPORTING
REQUIREMENTS

A. General Monitoring, Recordkeeping and Reporting Requirements

- 5.A.1 The permittee shall install, maintain, and operate equipment and/or institute procedures as necessary to perform the monitoring and recordkeeping specified below.
- 5.A.2 In addition to the recordkeeping specified below, the permittee shall include with all records of required monitoring information the following:
- (a) the date, place as defined in the permit, and time of sampling or measurements;
 - (b) the date(s) analyses were performed;
 - (c) the company or entity that performed the analyses;
 - (d) the analytical techniques or methods used;
 - (e) the results of such analyses; and
 - (f) the operating conditions existing at the time of sampling or measurement. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(b)(1).)
- 5.A.3 Except where a longer duration is specified in an applicable requirement, the permittee shall retain records of all required monitoring data and support information 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 for continuous monitoring instrumentation, and copies of all reports required by the permit. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(b)(2).)
- 5.A.4 Except as otherwise specified herein, the permittee shall submit reports of any required monitoring by July 31 and January 31 for the preceding six-month period. All instances of deviations from permit requirements must be clearly identified in such reports and all required reports must be certified by a responsible official consistent with 11 Miss. Admin. Code Pt. 2, R. 6.2.E. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).)
- 5.A.5 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) days of the time the deviation began. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(2).)

5.A.6 Except as otherwise specified herein, the permittee shall perform emissions sampling and analysis in accordance with EPA Test Methods and with any continuous emission monitoring requirements, if applicable. All test methods shall be those versions or their equivalents approved by the DEQ and the EPA. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)

5.A.7 The permittee shall maintain records of any alterations, additions, or changes in equipment or operation. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)

B. Specific Monitoring, Recordkeeping, & Reporting Requirements

5.B.1 For Emission Points AA-001 and AA-002, for continuous compliance demonstration, the permittee shall comply with the following Compliance Assurance Monitoring (CAM) plan:

	Indicator No. 1	Indicator No. 2	Indicator No. 3
Indicator	Pressure Differential	Scrubber Liquid Flow Rate	Operational Inspection
Measurement Approach	Pressure differential is measured using a differential pressure gauge.	Flow rate is measured using a commercial flow meter.	Equipment is inspected for proper operation
Monitoring Methods and Location	Pressure differential checks are performed to ensure equipment is operating properly and filter media is not clogged or deteriorating.	Flow rate is recorded to ensure that scrubber re-circulation is within acceptable ranges.	The equipment will be inspected by qualified technical personnel to ascertain the operational status.
Indicator Range	Pressure Drop: Plus or minus 30% deviation from the average obtained during the most recent stack test.	Flow Rate: Plus or minus 30% deviation from the average obtained during the most recent stack test.	Equipment is to be operating properly within acceptable levels.
Data Collection Frequency	Daily checks: Record the pressure differential once daily.	Daily checks: Record the scrubbing liquid flow rate once daily.	Weekly inspections
Averaging Period	Use the average obtained during the most recent stack test as a baseline.	Use the average obtained during the most recent stack test as a baseline.	None
Recordkeeping	Records kept of daily differential pressure readings. Maintain records of weekly inspections and all required maintenance activities.	Records kept of daily flow rate readings. Maintain records of weekly inspections and all required maintenance activities.	Document each inspection on the prepared forms. Correct and document any items discovered. Maintain records of all required maintenance activities.

QA/QC	Inspect each system once weekly to confirm proper operation and function. The differential pressure gauge is to be periodically checked by connecting a U-tube manometer in parallel with it and comparing the two readings.	Inspect each system once weekly to confirm proper operation and function. Flow meter periodically calibrated according to manufacturer's recommendations.	Review all weekly inspection forms from the current month at month's end. This will ensure that all problems have been attended to and will help to identify any developing trends.
-------	--	---	---

(Ref.: 40 CFR 60.674 and 60.676)

5.B.2 For Emission Points AA-003, AA-004, AB-002, AB-003, AB-004, and AB-006, for continuous compliance demonstration, the permittee shall comply with the following Compliance Assurance Monitoring (CAM) plan:

	Indicator No. 1	Indicator No. 2	Indicator No. 3
Indicator	Pressure Differential	Operational Inspection	Opacity
Measurement Approach	Pressure differential is measured using a differential pressure gauge.	Equipment is inspected for proper operation	Visual emissions are observed using Method 22.
Monitoring Methods and Location	Pressure differential checks are performed to ensure equipment is operating properly and filter media is not clogged or deteriorating.	The equipment will be inspected by qualified technical personnel to ascertain the operational status.	Visible emissions evaluation (VEE) checks are performed to ensure equipment is operating properly and filter media is not deteriorating.
Indicator Range	Pressure Drop: Plus or minus 30% deviation from the average obtained during the most recent stack test.	Equipment is to be operating properly within acceptable levels.	Stack: 7% Fugitive: 10% Non NSPS (General): 40%
Data Collection Frequency	Daily checks: Record the pressure differential once daily.	Weekly inspections	Daily observations using Method 22. If visible emissions are observed on two consecutive days, then Method 9 required
Averaging Period	Use the average obtained during the most recent stack test as a baseline.	None	Averaging per EPA Method 9 if required.

Recordkeeping	Records kept of daily differential pressure readings. Maintain records of weekly inspections and all required maintenance activities.	Document each inspection on the prepared forms. Correct and document any items discovered. Maintain records of all required maintenance activities.	Records must be kept daily of all VEEs.
QA/QC	Inspect each system once weekly to confirm proper operation and function. The differential pressure gauge is to be periodically checked by connecting a U-tube manometer in parallel with it and comparing the two readings.	Review all weekly inspection forms from the current month at month's end. This will ensure that all problems have been attended to and will help to identify any developing trends.	Opacity observer trained in VEE and if a Method 9 evaluation is required, observer must be certified.

(Ref.: 40 CFR 60.674 and 60.676)

- 5.B.3 The permittee is subject to and shall comply with applicable Compliance Assurance Monitoring (CAM) requirements in accordance with 40 CFR Part 64; specifically, performance of monitoring, recordkeeping, and reporting requirements as stated in 40 CFR 64.7 through 64.9. (Ref.: 40 CFR 60.674 and 60.676)
- 5.B.4 The permittee, as applicable, shall comply with 40 CFR 60.670(d) and shall submit all applicable reports as required in 40 CFR 60.676. (Ref.: 60.670(d) and 60.676)
- 5.B.5 For Emission Point AD-008, the permittee shall comply with the following monitoring requirements:
- (a) operate and maintain according to the manufacturer's emission-related written instructions or develop a maintenance plan which shall 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;
 - (b) install a non-resettable hour meter;
 - (c) 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 non-startup emission limitations apply; and
 - (d) the permittee has the option of utilizing an oil analysis program in order to extend the specified oil change requirement. The oil analysis shall be performed at the same frequency specified for changing the oil. The analysis program shall 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 63.6625(e), (f), (h) and (i))

5.B.6 For Emission Point AB-008, the permittee shall comply with the following continuous compliance requirements:

- (a) work or management practices by operating and maintaining according to the manufacturer's emission-related operation and maintenance instructions or by developing and following a maintenance plan which shall 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;
- (b) report each instance in which an emission or operating limitation (that applies) was not met according to 40 CFR 63.6650;
- (c) report each instance in which a general provisions requirement (that applies) was not met;
- (d) operate in accordance with the following:
 - (1) there is no time limit on the use of emergency stationary RICE in emergency situations.
 - (2) 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 may petition for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the permittee maintains records indicating that Federal, State, or local standards require maintenance and testing of emergency RICE beyond 100 hours per year.

(40 CFR 63.6605, 40 CFR 63.6640(a), (b), (e) and (f))

5.B.7 For Emission Point AB-008, the permittee shall comply with the following recordkeeping requirements:

- (a) a copy of each notification and report submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status submitted, according to the requirement in 63.10(b)(2)(xiv);
- (b) records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment;
- (c) records of performance tests and performance evaluations as required in 63.10(b)(2)(viii);
- (d) records of all required maintenance performed on the air pollution control and monitoring equipment; and
- (e) 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;
- (f) keep the records required in Table 6 of this subpart (as stated in 40 CFR 63.6605 and 63.6640) to show continuous compliance with each emission or operating limitation that applies;
- (g) keep records of the maintenance conducted on the stationary RICE in order to demonstrate that the permittee operated and maintained the stationary RICE and after-treatment control device (if any) according to the maintenance plan; and
- (h) 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).

(40 CFR 63.6655(a), (d), (e) and (f))

5.B.8 For Emission Point AB-008, the permittee shall comply with the following recordkeeping requirements:

- (a) records shall be in form suitable and readily available for expeditious review according to 63.10(b)(1);

- (b) as specified in 63.10(b)(1), the permittee shall keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record; and
- (c) keep each record readily accessible in hard copy or electronic form for at least 5 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 63.10(b)(1).

(40 CFR 63.6660)

5.B.9 For Emission Point AB-008, the permittee shall comply with the reporting requirement: if an emergency engine is operating during an emergency and it is not possible to shut down the engine in order to perform the management practice requirements on the schedule required in Table 2d of this subpart, or if performing the management practice on the required schedule would otherwise pose an unacceptable risk under Federal, State, or local law, the management practice can be delayed until the emergency is over or the unacceptable risk under Federal, State, or local law has abated. The management practice should be performed as soon as practicable after the emergency has ended or the unacceptable risk under Federal, State, or local law has abated. The permittee shall report any failure to perform the management practice on the schedule required and the Federal, State or local law under which the risk was deemed unacceptable. (40 CFR 63, Subpart ZZZZ., Table 2d (Footnote 2))

SECTION 6. ALTERNATIVE OPERATING SCENARIOS

6.1 None permitted.

SECTION 7. TITLE VI REQUIREMENTS

The following are applicable or potentially applicable requirements originating from Title VI of the Clean Air Act – Stratospheric Ozone Protection. The full text of the referenced regulations may be found on-line at <http://ecfr.gpoaccess.gov> under Title 40, or DEQ shall provide a copy upon request from the permittee.

- 7.1 If the permittee produces, transforms, destroys, imports or exports a controlled substance or imports or exports a controlled product, the permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart A – Production and Consumption Controls.
- 7.2 If the permittee performs service on a motor vehicle for consideration when this service involves the refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart B – Servicing of Motor Vehicle Air Conditioners.
- 7.3 The permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart E – The Labeling of Products Using Ozone-Depleting Substances, for the following containers and products:
 - (a) All containers in which a class I or class II substance is stored or transported;
 - (b) All products containing a class I substance; and
 - (c) All products directly manufactured with a process that uses a class I substance, unless otherwise exempted by this subpart or, unless EPA determines for a particular product that there are no substitute products or manufacturing processes for such product that do not rely on the use of a class I substance, that reduce overall risk to human health and the environment, and that are currently or potentially available. If the EPA makes such a determination for a particular product, then the requirements of this subpart are effective for such product no later than January 1, 2015.
- 7.4 If the permittee performs any of the following activities, the permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart F – Recycling and Emissions Reduction:
 - (a) Servicing, maintaining, or repairing appliances;
 - (b) Disposing of appliances, including small appliances and motor vehicle air conditioners;
or
 - (c) Refrigerant reclaimers, technician certifying programs, appliance owners and operators, manufacturers of appliances, manufacturers of recycling and recovery equipment, approved recycling and recovery equipment testing organizations, persons

selling class I or class II refrigerants or offering class I or class II refrigerants for sale, and persons purchasing class I or class II refrigerants.

- 7.5 The permittee shall be allowed to switch from any ozone-depleting substance to any acceptable alternative that is listed in the Significant New Alternatives Policy (SNAP) program promulgated pursuant to 40 CFR Part 82, Subpart G – Significant New Alternatives Policy Program. The permittee shall also comply with any use conditions for the acceptable alternative substance.
- 7.6 If the permittee performs any of the following activities, the permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart H – Halon Emissions Reduction:
- (a) Any person testing, servicing, maintaining, repairing, or disposing of equipment that contains halons or using such equipment during technician training;
 - (b) Any person disposing of halons;
 - (c) Manufacturers of halon blends; or
 - (d) Organizations that employ technicians who service halon-containing equipment.

APPENDIX A

List of Abbreviations Used In this Permit

11 Miss. Admin. Code Pt. 2, Ch. 1.	Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants
11 Miss. Admin. Code Pt. 2, Ch. 2.	Permit Regulations for the Construction and/or Operation of Air Emissions Equipment
11 Miss. Admin. Code Pt. 2, Ch. 3.	Regulations for the Prevention of Air Pollution Emergency Episodes
11 Miss. Admin. Code Pt. 2, Ch. 4.	Ambient Air Quality Standards
11 Miss. Admin. Code Pt. 2, Ch. 5.	Regulations for the Prevention of Significant Deterioration of Air Quality
11 Miss. Admin. Code Pt. 2, Ch. 6.	Air Emissions Operating Permit Regulations for the Purposes of Title V of the Federal Clean Air Act
11 Miss. Admin. Code Pt. 2, Ch. 7.	Acid Rain Program Permit Regulations for Purposes of Title IV of the Federal Clean Air Act
BACT	Best Available Control Technology
CEM	Continuous Emission Monitor
CEMS	Continuous Emission Monitoring System
CFR	Code of Federal Regulations
CO	Carbon Monoxide
COM	Continuous Opacity Monitor
COMS	Continuous Opacity Monitoring System
DEQ	Mississippi Department of Environmental Quality
EPA	United States Environmental Protection Agency
gr/dscf	Grains Per Dry Standard Cubic Foot
HP	Horsepower
HAP	Hazardous Air Pollutant
lbs/hr	Pounds per Hour
M or K	Thousand
MACT	Maximum Achievable Control Technology
MM	Million
MMBTUH	Million British Thermal Units per Hour
NA	Not Applicable
NAAQS	National Ambient Air Quality Standards
NESHAP	National Emissions Standards For Hazardous Air Pollutants, 40 CFR 61 or National Emission Standards For Hazardous Air Pollutants for Source Categories, 40 CFR 63
NMVOC	Non-Methane Volatile Organic Compounds
NO _x	Nitrogen Oxides
NSPS	New Source Performance Standards, 40 CFR 60
O&M	Operation and Maintenance
PM	Particulate Matter
PM ₁₀	Particulate Matter less than 10 µm in diameter
ppm	Parts per Million
PSD	Prevention of Significant Deterioration, 40 CFR 52
SIP	State Implementation Plan
SO ₂	Sulfur Dioxide
TPY	Tons per Year
TRS	Total Reduced Sulfur
VEE	Visible Emissions Evaluation
VHAP	Volatile Hazardous Air Pollutant
VOC	Volatile Organic Compound

APPENDIX B

40 CFR PART 60, SUBPART OOO

**STANDARDS OF PERFORMANCE FOR NONMETALLIC
MINERAL PROCESSING PLANTS**

APPENDIX C

40 CFR PART 63, SUBPART ZZZZ

**NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR
STATIONARY RECIPROCATING INTERNAL COMBUSTION ENGINES**