

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

TO OPERATE AIR EMISSIONS EQUIPMENT

THIS CERTIFIES THAT

Cottonseed Co-Op Corporation
100 Mill Street
Coahoma, 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: XXXXX

Effective Date: As specified herein.

MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD

**AUTHORIZED SIGNATURE
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**

Expires: [No more than five years following issuance] Permit No.: 0540-00019

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APPENDIX A LIST OF ABBREVIATIONS USED IN THIS PERMIT

OTHER RELATED DOCUMENTS:

NSPS Subpart A – General Provisions

NSPS Subpart Dc for Industrial-Commercial-Institutional Steam Generating Units

NESHAP Subpart A – General Provisions

NESHAP Subpart ZZZZ for Stationary Reciprocating Internal Combustion Engines (RICE)

NESHAP Subpart GGGG for Solvent Extractions for Vegetable Oil Production

NESHAP Subpart DDDDD for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters

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 Prior to its expiration, this permit may be reopened in accordance with the provisions listed below.

(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.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.1.C(15).)

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, and shutdowns.

- (a) Upsets (as defined in 11 Miss. Admin. Code Pt. 2, R. 1.2.)
 - (1) For an upset, the Commission may pursue an enforcement action for noncompliance with an emission standard or other requirement of an applicable rule, regulation, or permit. In determining whether to pursue enforcement action, and/or the appropriate enforcement action to take, the Commission may consider whether the source has demonstrated through properly signed contemporaneous operating logs or other relevant evidence the following:

- (i) An upset occurred and that the source can identify the cause(s) of the upset;
 - (ii) The source was at the time being properly operated;
 - (iii) During the upset the source took all reasonable steps to minimize levels of emissions that exceeded the emission standard or other requirement of an applicable rule, regulation, or permit;
 - (iv) That within 5 working days of the time the upset began, the source submitted a written report to the Department describing the upset, the steps taken to mitigate excess emissions or any other noncompliance, and the corrective actions taken and;
 - (v) That as soon as practicable but no later than 24 hours of becoming aware of an upset that caused an immediate adverse impact to human health or the environment beyond the source boundary or caused a general nuisance to the public, the source provided notification to the Department.
- (2) In any enforcement proceeding by the Commission, the source 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.
- (4) These upset provisions apply only to enforcement actions by the Commission and are not intended to prohibit EPA or third party enforcement actions.
- (b) Startups and Shutdowns (as defined in 11 Miss. Admin. Code Pt. 2, R. 1.2.)
- (1) Startups and shutdowns are part of normal source operation. Emission limitations apply during startups and shutdowns unless source specific emission limitations or work practice standards for startups and shutdowns are defined by an applicable rule, regulation, or permit.
 - (2) Where the source is unable to comply with existing emission limitations established under the State Implementation Plan (SIP) and defined in this regulation, 11 Mississippi Administrative Code, Part 2, Chapter 1, the Department will consider establishing source specific emission limitations or work practice standards for startups and shutdowns. Source specific emission limitations or work practice standards established for startups and shutdowns are subject to the requirements prescribed in 11 Miss. Admin. Code Pt. 2, R. 1.10.B(2)(a) through (e).
 - (3) Where an upset as defined in Rule 1.2 occurs during startup or shutdown, see the upset requirements above.

(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.

(Ref.: 11 Miss Admin. Code Pt. 2, R. 1.8.)

SECTION 2. EMISSION POINTS & POLLUTION CONTROL DEVICES

Emission Point	Facility Reference	Description
AA-000	---	Entire Oil Seed Processing Mill
AA-001	BR-01	One (1) 29.3 MMBTU/hr natural gas fired boiler
AA-002	BR-02	One (1) 17.0 MMBTU/hr natural gas fired boiler
AA-003	EG-01	One (1) 50 HP diesel fired emergency generator
AB-000	---	Receiving and Storage
AB-001	RC-01	Cottonseed Dump Pit No. 1
AB-002	RC-02	Cottonseed Dump Pit No. 2
AB-003	TK-01	Surge Tank
AB-004	SH-01	Seed Storage House No. 1 - includes two (2) cooling fans (Ref. No.'s CF-01 and CF-02)
AB-005	SH-02	Seed Storage House No. 2 - includes two (2) cooling fans (Ref. No.'s CF-03 and CF-04)
AB-006	SH-03	Seed Storage House No. 3 - includes four (4) cooling fans (Ref. No.'s CF-05, CF-06, CF-21, and CF-22)
AB-007	SH-04	Seed Storage House No. 4 - includes two (2) cooling fans (Ref. No.'s CF-07 and CF-08)
AB-008	SH-05	Seed Storage House No. 5 - includes four (4) cooling fans (Ref. No.'s CF-09, CF-10, CF-11, and CF-12)
AB-009	SH-06	Seed Storage House No. 6 - includes four (4) cooling fans (Ref. No.'s CF-13, CF-14, CF-15, and CF-16)
AB-010	SH-07	Seed Storage House No. 7 - includes four (4) cooling fans (Ref. No.'s CF-17, CF-18, CF-19, and CF-20)
AB-011	RC-03	Meal Receiving
AB-012	TK-02	Meal Tank No. 1
AB-013	TK-03	Meal Tank No. 2
AB-014	TK-04	Meat Bin Tank
AB-015	SH-08	Hull Storage House
AC-000	---	Cottonseed Cleaning
AC-001	SC-01	Seed Cleaner Cyclone

Emission Point	Facility Reference	Description
AC-002	SC-02	Seed Cleaner Cyclone
AC-003	SC-03	Seed Cleaner Cyclone
AC-004	SC-04	Seed Cleaner Cyclone
AC-005	SC-05	Seed Cleaner Cyclone
AC-006	SC-06	Seed Cleaner to Motes
AC-007	SC-07	Seed Cleaner Cyclone
AD-000	---	Cottonseed Delinting – First Cut
AD-002	SD-26	First Cut Robbing Seed Delinting Cyclone
AD-003	SD-09	First Cut Robbing Cyclone
AD-004	SD-21	First Cut Delinting Cyclone
AD-005	SD-22	First Cut Delinting Cyclone
AD-006	SD-13	First Cut Motes Cyclone
AD-007	SD-27	Second Cut Robbing Seed Delinting Cyclone
AD-008	SD-18	Motes Relay Cyclone (Backup Only)
AD-011	SD-35	First Cut Delinting Cyclone
AD-012	SD-37	Lint Recycling Cyclone
AD-013	SD-38	Lint Recycling Cyclone
AD-014	SD-39	Motes Relay Cyclone
AD-015	SD-40	Motes Relay Cyclone
AD-016	SD-25	Motes Relay Cyclone (Backup Only)
AD-017	SD-14	First Cut Motes/Safety Shaker Seed Delinting Cyclone (Not Operational)
AD-018	SD-15	First Cut Motes/Safety Shaker Seed Delinting Cyclone (Not Operational)
AE-000	---	Cottonseed Delinting – Second Cut
AE-007	SD-10	Second Cut Robbing Cyclone
AE-008	SD-11	Second Cut Robbing Cyclone
AE-009	SD-12	Second Cut Robbing Cyclone

Emission Point	Facility Reference	Description
AE-010	SD-23	Second Cut Seed Delinting Cyclone
AE-011	SD-24	Second Cut Seed Delinting Cyclone
AE-012	SD-30	Second Cut Seed Delinting Cyclone
AE-013	SD-31	Second Cut Seed Delinting Cyclone
AE-014	SD-32	Second Cut Seed Delinting Cyclone
AE-015	SD-33	Second Cut Seed Delinting Cyclone
AE-016	SD-34	Second Cut Seed Delinting Cyclone
AE-017	SD-36	Second Cut Seed Delinting Cyclone
AE-018	SD-28	Second Cut Motes Cyclone (Not Operational)
AF-000	---	Cottonseed Hulling and Meat Separation
AF-001	HR-01	Gemini Huller Cyclone
AF-002	HR-02	Huller Shaker-Top Tray Cyclone
AF-003	HR-03	Huller Shaker-Top Tray Cyclone
AF-004	HR-04	Huller Shaker-Top Tray Cyclone
AF-005	HR-05	Huller Shaker-Top Tray Cyclone
AF-006	HR-06	Huller Shaker - Bottom Tray Cyclone
AF-007	HR-07	Huller Shaker - Bottom Tray Cyclone
AF-008	HR-08	Huller Shaker - Bottom Tray Cyclone
AF-009	HR-09	Huller Fly Lint Cyclone
AF-010	HR-10	Pepper Dust Cyclone
AF-011	HR-16	Hull Sacking Cyclone
AF-012	HR-17	Meal Sacking Cyclone
AG-000	---	Solvent Plant for Cottonseed Oil Extraction
AG-001	SP-03	Carter Day Cloth Collector (i.e. Meal Filter)
AG-004	SP-07	Mineral Oil System Vent Stack
AG-005	SP-06	Fugitive Hexane Losses

Emission Point	Facility Reference	Description
AG-006	SP-08	DT Solvent Extraction Cyclone
AG-007	SP-09	DC Cyclone
AG-008	SP-02	Suction Solvent Extraction Cyclone (Not Operational)
AH-000	---	Product Loadouts
AH-001	LO-01	Cottonseed Loadout No. 1 to Railcar
AH-002	LO-04	Cottonseed Loadout No. 2 to Railcar
AH-003	LO-02	Meal Loadout to Truck/ Railcar
AH-004	LO-03	Hull Loadout to Truck
AH-005	LO-05	Old Hull Loadout
AH-006	LO-06	Meal Loadout to Truck
AH-007	LO-07	Cottonseed Loadout to Truck
AI-000	---	Fugitive Road Emissions
AI-001	RO-01	Total Fugitive Road Dust Emissions

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
Facility-Wide	11 Miss. Admin. Code Pt.2, R. 1.3.F(1).	3.B.1	PM/PM ₁₀ (filterable only)	$E = 4.1(p)^{0.67}$ Where “p” shall not exceed 200 tons of cottonseed per hour.
AA-001 AA-002	11 Miss. Admin. Code Pt. 2 R.1.3. D(1)(b).	3.B.2	PM/PM ₁₀ (filterable only)	$E = 0.8808 * I^{-0.1667}$
	11 Miss. Admin. Code Pt. 2, R. 1.4.A(1).	3.B.3	SO ₂	4.8 lbs/MMBTU
	40 CFR Part 60, Subpart Dc – Standards of Performance for Small Industrial, Commercial, and Institutional Steam Generating Units (60.40c(a))	3.B.4	SO ₂ PM	Applicability
	40 CFR Part 60, Subpart Dc (60.42c(d) & (i))	3.B.5	SO ₂	Use fuel oil with sulfur less than or equal to 0.5 percent by weight. These limits apply at all times including startup, shutdown, and malfunction.
	40 CFR Part 60, Subpart Dc (60.42c(h)(1))	3.B.6	Fuel Restriction	Burn distillate oil (fuel oil No. 1 or No. 2)
	40 CFR Part 63, Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters (63.7485, 63.7490(d), and 63.7575)	3.B.7	HAP	Applicability
	40 CFR Part 63, Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (63.6585)	3.B.8	Exhaust Emissions	Applicability
40 CFR Part 63, Subpart ZZZZ (63.6602 and Item 1 of Table 2c)	3.B.9	Demonstration of compliance through routine maintenance		
AA-003	40 CFR Part 63, Subpart ZZZZ (63.6625(h) and Item 1 of Table 2c)	3.B.10	Exhaust Emissions	Minimize engine's time spent at idle during startup
	40 CFR Part 63, Subpart ZZZZ (63.6655(f))	3.B.11		Install a non-resettable hour meter

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Limit/Standard
	40 CFR Part 63, Subpart ZZZZ (63.6640(f) and 63.6605)	3.B.12		Emergency engine definition and general compliance requirements
	40 CFR Part 63, Subpart ZZZZ (63.6625(e))	3.B.13	Operational Requirements	Operate according to manufacturer's instructions
AB-001 AB-002	Title V Permit issued on May 16, 2003	3.B.16	Operational Restriction	No more than 182,500 tons of cottonseed per year for the combined Emission Points.
AB-011	Title V Permit issued on May 16, 2003	3.B.18	Operational Restriction	No more than 87,600 tons of meal per year.
AG-000	40 CFR Part 63, Subpart GGGG - National Emission Standards for Hazardous Air Pollutants: Solvent Extraction for Vegetable Oil Production. (63.2832(a) and 63.2833(a))	3.B.14	HAP	Applicability
	40 CFR Part 63, Subpart GGGG (63.2840(a-c))	3.B.15		Maintain a compliance ratio of less than or equal to 1.00.
	Title V Permit issued on May 16, 2003	3.B.17	Operational Restriction	Throughput limit of 500 tons of cottonseed per day (monthly average).
AG-007	Title V Permit modified January 2010.	3.B.22	PM/PM ₁₀ (filterable only)	≤ 2.47 lb/hr and 10.83 tpy
AH-001 AH-002 AH-007	Title V Permit issued on May 16, 2003	3.B.19	Operational Restriction	Throughput limit of 182,500 tons of cottonseed per year for the combined Emission Points.
AH-003 AH-006	Title V Permit issued on May 16, 2003	3.B.20	Operational Restriction	Throughput limit of 179,600 tons of meal per year for the combined Emission Points.
AH-004 AH-005	Title V Permit issued on May 16, 2003	3.B.21	Operational Restriction	Throughput limit of 74,360 tons of hulls per year for the combined Emission Points.

3.B.1 For the entire facility, excluding combustion sources AA-001 and AA-002, the particulate matter emission rate shall not exceed 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. For purposes of this permit, the maximum allowable process weight input rate (p) shall not exceed 200 tons of cottonseed per hour. Conveyor discharge of coarse solid matter may be allowed if no nuisance is created beyond the property boundary where the discharge occurs.

(Ref.: 11 Miss. Admin. Code Pt.2, R. 1.3.F(1).)

- 3.B.2 For Emission Points AA-001 and AA-002, the maximum permissible emission of ash and/or particulate matter 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.1.3. D(1)(b).)

- 3.B.3 For Emission Points AA-001 and AA-002, 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.4 Emission Point AA-001 is a steam generating unit with a heat input capacity of 29.3 million British thermal unit per hour (MMBTU/hr) which was constructed after June 9, 1989, and Emission Point AA-002 is a steam generating unit with a heat input capacity of 17.0 MMBTU/hr which was constructed after June 9, 1989. As such, these emission points are subject to and shall comply with all applicable requirements of 40 CFR Part 60, Subpart Dc – Standards of Performance for Small Industrial, Commercial, and Institutional Steam Generating Units.

(Ref.: 40 CFR 60.40c(a))

- 3.B.5 For Emission Point AA-001 and AA-002, if the permittee is combusting oil instead of natural gas, the permittee shall not combust oil that contains greater than 0.5 weight percent sulfur. The fuel oil sulfur limits apply at all times including periods of startup, shutdown, and malfunction.

(Ref.: 40 CFR 60.42c(d) & (i))

- 3.B.6 For Emission Point AA-001 and AA-002, the permittee shall determine compliance with the fuel oil sulfur limits under Condition 3.B.5 utilizing fuel supplier certifications during periods of firing distillate oil.

(Ref.: 40 CFR 60.42c(h)(1))

- 3.B.7 Emission Points AA-001 and AA-002 are industrial boilers located at a major source of Hazardous Air Pollutants (HAPs). As such, these emission points are subject to and shall comply with all applicable requirements of 40 CFR Part 63, Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters.

Emission Points AA-001 and AA-002 were constructed before June 4, 2010, and as such, these emission points are considered to be existing units. These units are designed to combust natural gas and liquid fuel. However they will only burn fuel oil during periods of natural gas curtailment, supply interruption and/or up to 48 hours for periodic testing, maintenance or operating training. As such, these boilers are considered boilers in the “unit[s] designed to burn gas 1.” subcategory and demonstrate compliance by performing the work practice standards in Condition 5.B.7.

(Ref.: 40 CFR 63.7485, 63.7490(d), and 63.7575)

3.B.8 Emission Point AA-003 is an emergency stationary reciprocating internal combustion engine which is located at a major source of HAPs. As such, this emission point is subject to and shall comply with all applicable requirements of 40 CFR Part 63, Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines.

(Ref.: 40 CFR 63.6585)

3.B.9 For Emission Point AA-003, the permittee shall:

- (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;
- (c) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

Sources have the option to utilize an oil analysis program as described in 40 CFR 63.6625(i) in order to extend the specified oil change requirement in Table 2c of this subpart and may petition the MDEQ pursuant to the requirements of 40 CFR 63.6(g) for alternative work practices.

(Ref.: 40 CFR 63.6602 and Item 1 of Table 2c)

3.B.10 For Emission Point AA-003, the permittee must 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.

(Ref.: 40 CFR 63.6625(h) and Item 1 of Table 2c)

3.B.11 For Emission Point AA-003, the permittee must install a non-resettable hour meter if one is not already installed.

(Ref.: 40 CFR 63.6655(f))

3.B.12 For Emission Point AA-003, the permittee must operate the emergency stationary RICE according to the requirements below. Any operation other than emergency operation, maintenance and testing, and operation in nonemergency situations for 50 hours per year, as described in paragraphs (f)(1)(i) through (iii) of 40 CFR 63.6640, is prohibited. If the permittee does not operate the engine according to the requirements below the engine will not be considered an emergency engine under this subpart and will need to meet all requirements for non-emergency engines.

- (a) There is no time limit on the use of emergency stationary RICE in emergency situations.
- (b) The permittee may operate the emergency stationary RICE for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State or local government, the manufacturer, the vendor, or the insurance company associated with the engine. Maintenance checks and readiness testing of such units is limited to 100 hours per year. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner

or operator maintains records indicating that Federal, State, or local standards require maintenance and testing of emergency RICE beyond 100 hours per year.

- (c) The permittee may operate your emergency stationary RICE up to 50 hours per year in non-emergency situations, but those 50 hours are counted towards the 100 hours per year provided for maintenance and testing. The 50 hours per year for non-emergency situations cannot be used for peak shaving or to generate income for a facility to supply power to an electric grid or otherwise supply power as part of a financial arrangement with another entity; except that owners and operators may operate the emergency engine for a maximum of 15 hours per year as part of a demand response program if the regional transmission organization or equivalent balancing authority and transmission operator has determined there are emergency conditions that could lead to a potential electrical blackout, such as unusually low frequency, equipment overload, capacity or energy deficiency, or unacceptable voltage level. The engine may not be operated for more than 30 minutes prior to the time when the emergency condition is expected to occur, and the engine operation must be terminated immediately after the facility is notified that the emergency condition is no longer imminent. The 15 hours per year of demand response operation are counted as part of the 50 hours of operation per year provided for non-emergency situations. The supply of emergency power to another entity or entities pursuant to financial arrangement is not limited by this paragraph (f)(1)(iii), as long as the power provided by the financial arrangement is limited to emergency power.

The permittee shall be in compliance with the emission limitations, operating limitations, and any other applicable requirements of Subpart ZZZZ at all times. At all times the permittee shall operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require the permittee to make any further efforts to reduce emissions if levels required by this standard have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the MDEQ which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

(Ref.: 40 CFR 63.6640(f) and 63.6605)

- 3.B.13 For Emission Point AA-003, the permittee shall operate and maintain the stationary RICE and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or develop a site-specific maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.

(Ref.: 40 CFR 63.6625(e))

- 3.B.14 Emission Point AG-000 is a vegetable oil production process, specifically cottonseed oil, which is located at a major source of HAPs. As such, this emission point is subject to and shall comply with all applicable requirements of 40 CFR Part 63, Subpart GGGG - National Emission Standards for Hazardous Air Pollutants: Solvent Extraction for Vegetable Oil

Production. This facility was constructed before May 26, 2000 and has not undergone reconstruction since this date; therefore, for the purposes of this subpart, this facility is considered to be an existing facility.

(Ref.: 40 CFR 63.2832(a) and 63.2833(a))

3.B.15 For Emission Point AG-000, the permittee shall calculate a compliance ratio comparing actual HAP loss to allowable HAP loss in accordance with the equations and information provided in 40 CFR 63.2840(a). The compliance ratio shall not exceed 1.00 for the previous 12 months. When calculating the compliance ratio, the permittee shall consider the conditions and exclusions outlined in paragraphs (a) through (f) below:

- (a) If the source processes any quantity of listed oilseeds in a calendar month and the source is not operating under an initial startup period or malfunction period subject to 40 CFR 63.2850, then the permittee shall categorize the month as an operating month, as defined in 40 CFR 63.2872.
- (b) The 12-month compliance ratio may include operating months occurring prior to a source shutdown and operating months that follow after the source resumes operation.
- (c) If the source shuts down and processes no listed oilseed for an entire calendar month, then the permittee shall categorize the month as a non-operating month, as defined in 40 CFR 63.2872. Exclude any non-operating months from the compliance ratio determination.
- (d) If the source is subject to an initial startup period as defined in 40 CFR 63.2872, exclude from the compliance ratio determination any solvent and oilseed information recorded for the initial startup period.
- (e) If the source is subject to a malfunction period as defined in 40 CFR 63.2872, exclude from the compliance ratio determination any solvent and oilseed information recorded for the malfunction period.
- (f) For sources processing cottonseed or specialty soybean, the solvent loss factor used to determine the compliance ratio may change each operating month depending on the tons of oilseed processed during all normal operating periods in a 12 operating month period.

If the compliance ratio is less than or equal to 1.00, the permittee is in compliance with the HAP emission requirements for the previous operating month.

(Ref.: 40 CFR 63.2840(a-c))

3.B.16 For the combined Emission Points AB-001 and AB-002 the permittee is limited to no more than 182,500 tons per year of cottonseed.

(Ref.: Title V Permit issued on May 16, 2003)

3.B.17 For Emission Points AG-000, the permittee is limited to no more than 500 tons of cottonseed per day (monthly average).

(Ref.: Title V Permit issued on May 16, 2003)

3.B.18 For the Emission Point AB-011, the permittee is limited to no more than 87,600 tons of meal per year.

(Ref.: Title V Permit issued on May 16, 2003)

3.B.19 For the combined Emission Points AH-001, AH-002, and AH-007 the permittee is limited to no more than 182,500 tons of cottonseed per year.

(Ref.: Title V Permit issued on May 16, 2003)

3.B.20 For the combined Emission Points AH-003 and AH-006, the permittee is limited to no more than, 179,600 tons of meal per year.

(Ref.: Title V Permit issued on May 16, 2003)

3.B.21 For the combined Emission Points AH-004 and AH-005, the permittee is limited to no more than 74,360 tons of hulls per year.

(Ref.: Title V Permit issued on May 16, 2003)

3.B.22 For Emission Point AG-007, the permittee is limited to PM/PM₁₀ emissions not to exceed 2.47 lb/hr and 10.83 tpy.

(Ref.: Title V Permit modified January 2010)

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
11 Miss. Admin. Code Pt. 2, R. 1.4.A(1).	3.C.2	SO ₂	4.8 lbs/MMBTU

- 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.
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)
- 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 and Recordkeeping Requirements

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant/Parameter Monitored	Monitoring/Recordkeeping Requirement
Facility-Wide	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).	5.B.1	PM/PM ₁₀ (filterable only)	Stack test once per permit term; EPA Reference Method 5
		5.B.2		Monitor and record visible emissions weekly
		5.B.3		Perform routine maintenance inspections weekly
	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).	5.B.4	Raw Materials	Monitor and record monthly all raw materials received at the facility
AA-001 AA-002	40 CFR Part 60, Subpart Dc (60.48c(g))	5.B.5	SO ₂	Monitor and record monthly fuel usage
	40 CFR Part 60, Subpart Dc (60.44c(h), 60.46c(e), 60.48c(e)(11) and (f)(1))	5.B.6		Monitor and maintain fuel supplier certifications
	40 CFR 63, Subpart DDDDD (63.7540(a)(10) and Item 3 of Table 3)	5.B.7	Fuel Burning	Perform annual tune-ups
	40 CFR 63, Subpart DDDDD (63.7555(a)(1-2) and (h) and 63.7560)	5.B.8	HAP	Recordkeeping requirements
AA-003	40 CFR 63, Subpart ZZZZ (63.6655(a)(1-2 & 4-5), (e), and (f))	5.B.9	Exhaust Emissions	Recordkeeping requirements
	40 CFR 63, Subpart ZZZZ (63.6660)	5.B.10	Recordkeeping Format	Recordkeeping requirements
AG-000	40 CFR 63, Subpart GGGG (63.2851, 63.2852, and 63.2862(b-e))	5.B.11	HAP	Recordkeeping requirements
	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).	5.B.12	Hours of Operation	Monitor and record monthly hours of operation
	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).	5.B.13	Process Materials	Monitor and record monthly the amount of materials processed
AB-001 AB-002 AB-011	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).	5.B.14	Process Materials	Monitor and record monthly the amount of materials processed

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant/Parameter Monitored	Monitoring/Recordkeeping Requirement
AH-000	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).	5.B.15	Process Materials	Monitor and record monthly the amount of materials processed

5.B.1 The permittee shall stack test all cyclones for each process area (AC-000, AD-000, AE-000, AF-000, and AG-000) identified in Section 2 of this permit in accordance with the frequency and methods identified in Table 5.B. Stack testing shall be performed during periods when the relevant process area is being operated at or near normal operating conditions. Stack testing shall be performed on a rotating basis with a frequency where all cyclones are tested by the expiration date of this permit. For process areas that utilize similar cyclones, handling identical process/waste streams, the permittee may stack test a representative unit.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)

5.B.2 For the entire facility, the permittee shall perform visible emission observations (Method 22) on all cyclones and baghouses on a weekly basis. If during the visible emission observation any visible emissions are observed, the permittee shall perform an EPA Reference Method 9 Visible Emission Evaluation (VEE). The permittee shall record the results of these observations/evaluations.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)

5.B.3 For the entire facility, the permittee shall perform routine maintenance inspections on all cyclones and baghouses on a weekly basis. The permittee shall record all maintenance activities performed.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)

5.B.4 The permittee shall monitor and record on a monthly basis the raw materials received at the facility. This should include but is not limited to cottonseed received through Emission Points AB-001, AB-002, and meal received through Emission Point AB-011.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)

5.B.5 For Emission Points AA-001 and AA-002, the permittee shall monitor and record monthly the amounts of each fuel combusted.

(Ref.: 40 CFR 60.48c(g))

5.B.6 For Emission Points AA-001 and AA-002, the permittee shall record and maintain records of the fuel supplier certifications for periods of firing distillate fuel oil. The permittee shall also include the following fuel supplier information:

- (a) The name of the oil supplier;
- (b) A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in §60.41c; and
- (c) The sulfur content or maximum sulfur content of the oil.

(Ref.: 40 CFR 60.44c(h), 60.46c(e), 60.48c(e)(11) and (f)(1))

5.B.7 For Emission Points AA-001 and AA-002, the permittee shall perform annual tune-ups in

order to demonstrate continuous compliance as specified below. The initial tune-up shall be completed no later than January 31, 2016. Each subsequent annual tune-up must be performed no more than 13 months after the previous tune-up.

- (a) As applicable, inspect the burner, and clean or replace any components of the burner as necessary (the permittee may delay the burner inspection until the next scheduled unit shutdown, but the permittee must inspect each burner at least once every 36 months);
- (b) Inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available;
- (c) Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly;
- (d) Optimize total emissions of carbon monoxide. This optimization should be consistent with the manufacturer's specifications, if available;
- (e) Measure the concentrations in the effluent stream of carbon monoxide in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made); and
- (f) Maintain on-site and submit, if requested by the MDEQ, an annual report containing the information in paragraphs (a)(10)(vi)(a) through (c) of 40 CFR 63.7540,
 - i. The concentrations of carbon monoxide in the effluent stream in parts per million by volume, and oxygen in volume percent, measured before and after the adjustments of the boiler;
 - ii. A description of any corrective actions taken as a part of the combustion adjustment; and
 - iii. The type and amount of fuel used over the 12 months prior to the annual adjustment, but only if the unit was physically and legally capable of using more than one type of fuel during that period. Units sharing a fuel meter may estimate the fuel use by each unit.

(Ref.: 40 CFR 63.7540(a)(10), and Item 3 of Table 3)

5.B.8 For Emission Points AA-001 and AA-002, the permittee shall keep the records outlined in paragraphs (a) through (c) below:

- (a) A copy of each notification and report that was submitted to comply with Subpart DDDDD, including all documentation supporting any Initial Notification or Notification of Compliance Status or semiannual compliance report that was submitted, according to the requirements in 40 CFR 63.10(b)(2)(xiv).
- (b) Records of performance tests, fuel analyses, or other compliance demonstrations and performance evaluations as required in 40 CFR 63.10(b)(2)(viii).
- (c) The permittee shall keep records of the total hours per calendar year that alternative fuel is burned and the total hours per calendar year that the unit operated during periods of gas curtailment or gas supply emergencies.

All records must be in a form suitable and readily available for expeditious review, according to 40 CFR 63.10(b)(1). As specified in 40 CFR 63.10(b)(1), the permittee shall keep each record for five (5) years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. The permittee shall keep each record on site, or they must be accessible from on site (for example, through a computer network), for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 CFR 63.10(b)(1). The permittee may keep the records off site for the remaining 3 years.

(Ref.: 40 CFR 63.7555(a)(1-2) and (h) and 63.7560)

5.B.9 For Emission Point AA-003, the permittee shall demonstrate compliance with the emission and operating limitations, and maintain the records described in the following:

- (a) A copy of each notification and report that you submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status that you submitted, according to the requirement in 40 CFR 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 all required maintenance performed on the air pollution control and monitoring equipment;
- (d) Records of actions taken during periods of malfunction to minimize emissions in accordance with 40 CFR 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.

The permittee must keep records of the maintenance conducted on the stationary RICE in order to demonstrate that the stationary RICE and after-treatment control device (if any) was operated and maintained according to the maintenance plan.

The permittee must keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter. The permittee must document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation. If the engines are used for demand response operation, the permittee must keep records of the notification of the emergency situation, and the time the engine was operated as part of demand response.

(Ref.: 40 CFR 63.6655(a)(1-2 & 4-5), (e), and (f))

5.B.10 For Emission Point AA-003, the permittee shall maintain all required records according to the requirements outlined in paragraphs (a) through (c) below:

- (a) Maintain records in a form suitable and readily available for expeditious review according to 40 CFR 63.10(b)(1).
- (b) As specified in 40 CFR 63.10(b)(1), keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.
- (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 40 CFR 63.10(b)(1).

(Ref.: 40 CFR 63.6660)

5.B.11 For Emission Point AG-000, the permittee shall prepare a plan for demonstrating compliance in accordance with 40 CFR 63.2851 and a SSM plan in accordance with 40 CFR 63.2852. In these two plans, the permittee shall describe the procedures to follow in obtaining and recording data, and determining compliance under normal operations or a SSM subject to the 40 CFR 63.2850(c)(2) or (d)(2) initial startup period or the 40 CFR 63.2850(e)(2) malfunction period. The permittee shall keep them on-site and readily available as long as the source is operational. The permittee shall also record the items outlined in paragraphs (a) through (c) below:

- (a) For the solvent inventory, record the information in subparagraphs (i) through (vii) in accordance with the plan for demonstrating compliance:
 - i. Dates that define each operating status period during a calendar month.
 - ii. The operating status of the source such as normal operation, non-operating, initial startup period, malfunction period, or exempt operation for each recorded time interval.
 - iii. Record the gallons of extraction solvent in the inventory on the beginning and ending dates of each normal operating period.
 - iv. The gallons of all extraction solvent received, purchased, and recovered during each calendar month.
 - v. All extraction solvent inventory adjustments, additions or subtractions. The permittee must document the reason for the adjustment and justify the quantity of the adjustment.
 - vi. The total solvent loss for each calendar month, regardless of the source operating status.
 - vii. The actual solvent loss in gallons for each operating month.
- (b) For the weighted average volume fraction of HAP in the extraction solvent, the permittee must record the items in subparagraphs (i) through (iii):
 - i. The gallons of extraction solvent received in each delivery.
 - ii. The volume fraction of each HAP exceeding 1 percent by volume in each delivery of extraction solvent.
 - iii. The weighted average volume fraction of HAP in extraction solvent received since the end of the last operating month as determined in accordance with 40 CFR 63.2854(b)(2).
- (c) For each type of listed oilseed processed, record the items in subparagraphs (i) through (vi), in accordance with the plan for demonstrating compliance:
 - i. The dates that define each operating status period. These dates must be the same as the dates entered for the extraction solvent inventory.
 - ii. The operating status of the source such as normal operation, non-operating, initial startup period, malfunction period, or exempt operation for each recorded time interval. On the log for each type of listed oilseed that is not being processed during a normal operating period, the permittee shall record

which type of listed oilseed is being processed in addition to the source operating status.

- iii. The oilseed inventory for the type of listed oilseed being processed on the beginning and ending dates of each normal operating period.
- iv. The tons of each type of listed oilseed received at the affected source each normal operating period.
- v. All listed oilseed inventory adjustments, additions or subtractions for normal operating periods. The permittee shall document the reason for the adjustment and justify the quantity of the adjustment.
- vi. The tons of each type of listed oilseed processed during each operating month.

After the permittee has processed listed oilseed for 12 operating months, and is not operating during an initial startup period as described in 40 CFR 63.2850(c)(2) or (d)(2), or a malfunction period as described in 40 CFR 63.2850(e)(2), the permittee shall record the following items by the end of the calendar month following each operating month:

- (d) The 12 operating months rolling sum of the actual solvent loss in gallons as described in 40 CFR 63.2853(c).
- (e) The weighted average volume fraction of HAP in extraction solvent received for the previous 12 operating months as described in 40 CFR 63.2854(b)(3).
- (f) The 12 operating months rolling sum of each type of listed oilseed processed at the affected source in tons as described in 40 CFR 63.2855(c).
- (g) A determination of the compliance ratio. Using the values from 40 CFR 63.2853, 40 CFR 63.2854, 40 CFR 63.2855, and Table 1 of 40 CFR 63.2840, calculate the compliance ratio using Equation 2 of 40 CFR 63.2840.
- (h) A statement of whether the source is in compliance with all of the requirements of this subpart. This includes a determination of whether you have met all of the applicable requirements in 40 CFR 63.2850.

For each SSM event subject to an initial startup period as described in 40 CFR 63.2850(c)(2) or (d)(2), or a malfunction period as described in 40 CFR 63.2850(e)(2), record the items in paragraphs (f) through (h) by the end of the calendar month following each month in which the initial startup period or malfunction period occurred:

- (i) A description and date of the SSM event, its duration, and reason it qualifies as an initial startup or malfunction.
- (j) An estimate of the solvent loss in gallons for the duration of the initial startup or malfunction period with supporting documentation.
- (k) A checklist or other mechanism to indicate whether the SSM plan was followed during the initial startup or malfunction period.

(Ref.: 40 CFR 63.2851, 63.2852 and 63.2862(b-e))

5.B.12 For the solvent extraction process area (AG-000), the permittee shall monitor and record monthly the hours of operation. The permittee shall record the start time, the end time, and

the total hours of operation.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)

5.B.13 For the solvent extraction process area (AG-000), the permittee shall monitor and record monthly the amount of material processed.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)

5.B.14 For the Emission Points, AB-001, AB-002, and AB-011, the permittee shall monitor and record monthly the amount of material processed.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)

5.B.15 For the load-out area AH-000, the permittee shall monitor and record monthly the amount of material processed.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)

C. Specific Reporting Requirements

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant/ Parameter Monitored	Reporting Requirement
Facility- Wide	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).	5.C.1	PM/PM ₁₀ <i>(filterable only)</i>	Stack test protocol and report submittal
	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).	5.C.2		Semiannual reports
	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).	5.C.3		
	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).	5.C.4	Raw Materials	
AA-001	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).	5.C.7	PM/PM ₁₀ <i>(filterable only)</i>	Semiannual reports
	40 CFR 60, Subpart Dc (40 CFR 60.48c(j)) 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).	5.C.8	SO ₂	
AA-002	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).	5.C.7	PM/PM ₁₀ <i>(filterable only)</i> SO ₂	Semiannual reports
AA-001 AA-002	40 CFR 63, Subpart DDDDD (63.7545(f))	5.C.16	Fuel Burning	Notification requirements
	40 CFR 63, Subpart DDDDD (63.7550)	5.C.17		Annual compliance reports
AA-003	40 CFR 63, Subpart ZZZZ (63.6640(a),(b) & (e))	5.C.15	Exhaust Emissions	Reporting requirements
	40 CFR 63, Subpart ZZZZ (66.6650(f))	5.C.16		Submit instance of each deviation
AG-000	40 CFR 63, Subpart GGGG (63.2861(a))	5.C.9	Certification	Annual compliance certification
	40 CFR 63, Subpart GGGG (63.2861(b))	5.C.10	Notification	Deviation report
	40 CFR 63, Subpart GGGG (63.2861(c))	5.C.11		Periodic startup, shutdown, & malfunction report
	40 CFR 63, Subpart GGGG (63.2861(d))	5.C.12		Immediate startup, shutdown, & malfunction report

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant/Parameter Monitored	Reporting Requirement
	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).	5.C.5	Hours of Operation	Semiannual reports
AG-000	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).	5.C.6	Process Materials	Semiannual reports
AB-001 AB-002 AB-011	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).	5.C.13	Process Materials	Semiannual reports
AH-000	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).	5.C.14	Process Materials	Semiannual reports

5.C.1 The permittee shall submit a stack test report for each required stack test within 60 days of completing the test. As part of the test report, the permittee shall provide the average operating rate during testing of the process associated with the units being tested.

For all required testing, the permittee shall submit a written test protocol at least thirty (30) days prior to the intended test date(s) to ensure that all test methods and procedures are acceptable to the MDEQ. Also, the permittee shall notify the MDEQ in writing at least ten (10) days prior to the intended test date(s) so that an observer may be afforded the opportunity to witness the test.

After the first successful submittal of an initial written test protocol, the permittee may request that the submittal of a testing protocol be waived for subsequent testing by certifying in writing at least thirty (30) days prior to subsequent testing that all conditions for testing remain unchanged such that the original protocol can and will be followed.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).)

5.C.2 The permittee shall submit a summary report of the weekly visible emission observations/evaluations as applicable. This summary shall be submitted semiannually in accordance with Condition 5.A.4.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).)

5.C.3 The permittee shall submit a summary report of all weekly maintenance activities performed. This summary shall be submitted semiannually in accordance with Condition 5.A.4.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).)

5.C.4 The permittee shall submit a summary report of the monthly raw materials received for the facility. This summary shall be submitted semiannually in accordance with Condition 5.A.4.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).)

5.C.5 The permittee shall submit a summary report of the monthly hours of operation for the solvent extraction area (AG-000). This summary shall be submitted semiannually in accordance with Condition 5.A.4.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).)

- 5.C.6 The permittee shall submit a summary report of the monthly amount of material processed for the solvent extraction area (AG-000). This summary shall be submitted semiannually in accordance with Condition 5.A.4.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).)

- 5.C.7 For Emission Points AA-001 and AA-002, the permittee shall submit a summary report of type, quantity, and quality of fuel used. This summary shall be submitted semiannually in accordance with Condition 5.A.4.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).)

- 5.C.8 The permittee shall submit a report of the fuel supplier certifications. The report shall be submitted semiannually in accordance with Condition 5.A.4.

(Ref.: 40 CFR 60.48c(j) & 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).)

- 5.C.9 For Emission Group AG-000, the permittee shall submit Annual Compliance Certifications due 12 calendar months after the submittal of the Notification of Compliance Status Report. Each subsequent Annual Compliance Certification is due 12 calendar months after the previous annual compliance certification. The Annual Compliance Certification must contain the following information:

- (a) The name and address of the owner or operator.
- (b) The physical address of the vegetable oil production process.
- (c) Each listed oilseed type processed during the 12 calendar months period covered by the report.
- (d) Each HAP identified under 40 CFR 63.2854(a) as being present in concentrations greater than 1 percent by volume in each delivery of solvent received during the 12 calendar months period covered by the report.
- (e) A statement designating the source as a major source of HAP or a demonstration that the source qualifies as an area source. An area source is a source that is not a major source and is not collocated within a plant site with other sources that are individually or collectively a major source.
- (f) A compliance certification to indicate whether the source was in compliance for each compliance determination made during the 12 calendar months period covered by the report. For each such compliance determination, the permittee shall include a certification of the following items:
 - i. Verification that the procedures are being followed as described in the plan for demonstrating compliance.
 - ii. The compliance ratio is less than or equal to 1.00.

(Ref.: 40 CFR 63.2861(a))

- 5.C.10 For Emission Group AG-000, the permittee shall submit a Deviation Notification Report for each compliance determination made in which the compliance ratio exceeds 1.00. The Deviation Notification Report must contain the following information:

- (a) The name and address of the owner or operator.
- (b) The physical address of the vegetable oil production process.
- (c) Each listed oilseed type processed during the 12 operating months period for which the permittee determined the deviation.
- (d) The compliance ratio comprising the deviation. The permittee may reduce the frequency of submittal of the deviation notification report if the agency responsible for these NESHAP does not object as provided in 40 CFR 63.10(e)(3)(iii).

(Ref.: 40 CFR 63.2861(b))

5.C.11 For Emission Group AG-000, the permittee shall submit a periodic startup, shutdown, and malfunction report by the end of the month that the startup or malfunction event occurred. The periodic SSM Report must contain the following information:

- (a) The name, title, and signature of a source's responsible official who is certifying that the report accurately states that all actions taken during the initial startup or malfunction period were consistent with the SSM plan.
- (b) A description of events occurring during the time period, the date and duration of the events, and reason the time interval qualifies as an initial startup period or malfunction period.
- (c) An estimate of the solvent loss during the initial startup or malfunction period with supporting documentation.

(Ref.: 40 CFR 63.2861(c))

5.C.12 For Emission Group AG-000, the permittee shall submit an immediate startup, shutdown, and malfunction report in the event a SSM event is handled differently from the procedures in the SSM plan. An immediate SSM report consists of a telephone call, fax or email to the MDEQ within two (2) working days after starting actions inconsistent with the SSM plan. Within seven (7) days after the end of the event, the permittee shall submit a letter containing the information identified in 40 CFR 63.2861(d)(1) through (3).

(Ref.: 40 CFR 63.2861(d))

5.C.13 For Emission Points AB-001, AB-002, and AB-011, the permittee shall submit a summary report of the monthly amount of material processed. This summary shall be submitted semiannually in accordance with Condition 5.A.4.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).)

5.C.14 The permittee shall submit a summary report of the monthly amount of material processed for the product loadout area (AH-000). This summary shall be submitted semiannually in accordance with Condition 5.A.4.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).)

5.C.15 For Emission Point AA-003, the permittee must:

- (a) Report each instance in which each applicable emission limitation or operating limitation in Table 2c to Subpart ZZZZ was not met. These instances are deviations from the emission and operating limitations in this subpart. These deviations must be reported according to the requirements in 40 CFR 63.6650. If the permittee

changes the catalyst, the permittee shall reestablish the values of the operating parameters measured during the initial performance test. When reestablishing the values of the operating parameters, the permittee shall also conduct a performance test to demonstrate that the required emission limitation applicable to the stationary RICE are being met.

- (b) Report each instance in which the applicable requirements in Table 8 to Subpart ZZZZ were not met.

(Ref.: 40 CFR 63.6640(a), (b), and (e) and 63.6650(f))

5.C.16 For Emission Points AA-001 and AA-002, the permittee shall submit a notification of alternative fuel use within 48 hours of the declaration of each period of natural gas curtailment or supply interruption, as defined in 40 CFR 63.7575. The notification must include the information specified in paragraphs (a) through (e) below:

- (a) Company name and address.
- (b) Identification of the affected unit.
- (c) Reason for the inability to use natural gas or equivalent fuel, including the date when the natural gas curtailment was declared or the natural gas supply interruption began.
- (d) Type of alternative fuel that is intended to used.
- (e) Dates when the alternative fuel use is expected to begin and end.

(Ref.: 40 CFR 63.7545(f))

5.C.17 For Emission Points AA-001 and AA-002, the permittee shall submit annual compliance reports due 12 calendar months after the submittal of the Notification of Compliance Status Report. Annual compliance reports must cover the applicable 1-year period from January 1 to December 31. Each compliance report shall be postmarked no later than January 31. The compliance report shall contain all the information specified below:

- (a) Company and Facility name and address.
- (b) Process unit information.
- (c) Date of report and beginning and ending dates of reporting period.
- (d) The date of the most recent tune-up for Emission Points AA-001 and AA-002. Include the date of the most recent burner inspection, if it was not done annually and was delayed until the next scheduled or unscheduled unit shutdown.
- (e) Statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report.

(Ref.: 40 CFR 63.7550)

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. Episodes	Regulations for the Prevention of Air Pollution Emergency
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