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: June 11, 2013
Permit Modified: April 26, 2016

Effective Date: As specified herein.

MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD

AUTHORIZED SIGNATURE
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Expires: May 31, 2018 **Permit No.: 0540-00019**

2052 PER20120001

TABLE OF CONTENTS

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.: APC-S-6, Section III.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.: APC-S-6, Section III.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.: APC-S-6, Section III.A.6.c.)

1.4 This permit does not convey any property rights of any sort, or any exclusive privilege. (Ref.: APC-S-6, Section III.A.6.d.)

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.: APC-S-6, Section III.A.6.e.)

1.6 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.: APC-S-6, Section III.A.5.)

1.7 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 APC-S-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.: APC-S-6, Section VI.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.: APC-S-6, Section VI.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.: APC-S-6, Section VI.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.: APC-S-6, Section VI.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.: APC-S-6, Section VI.C.)

1.8 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.: APC-S-6, Section III.A.8.)

1.9 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.: APC-S-6, Section II.E.)

1.10 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.: APC-S-6, Section III.C.2.)

1.11 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.: APC-S-1, Section 3.9(a))

1.12 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.: APC-S-1, Section 3.9(b))

1.13 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.: APC-S-6, Section III.F.1.)

1.14 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.: APC-S-6, Section III.F.2.)

1.15 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.: APC-S-6, Section III.H.)

1.16 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.: APC-S-6, Section IV.C.2., Section IV.B., and Section II.A.1.c.)

1.17 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.: APC-S-6, Section IV.F.)

1.18 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 Regulation APC-S-3, "Regulations for the Prevention of Air Pollution Emergency Episodes" for the level of emergency declared. (Ref.: APC-S-3)

1.19 Except as otherwise provided herein, a modification of the facility may require a Permit to Construct in accordance with the provisions of Regulations APC-S-2, "Permit Regulations for the Construction and/or Operation of Air Emissions Equipment", and may require modification of this permit in accordance with Regulations APC-S-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."

1.20 Any change in ownership or operational control must be approved by the Permit Board. (Ref.: APC-S-6, Section IV.D.4.)

1.21 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.: APC-S-6, Section III.B.1)

1.22 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.: APC-S-1, Section 3.7)

1.23 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.: APC-S-6, Section III.G.)

1.24 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 APC-S-1, Section 2.37)

(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 APC-S-1, Sections 2.34 & 2.29)

(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.: APC-S-1, Section 10)

1.25 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 APC-S-1, Section 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	29.3 MMBTU/hr boiler fired on natural gas, Ref. No. BR-01
AA-002	17.0 MMBTU/hr boiler fired on natural gas, Ref. No. BR-02
AA-003	19,300 BTU/lb Emergency Generator, Ref. No. EG-001
AB-000	**Receiving and Storage**
AB-001	Cottonseed Dump Pit No. 1, Ref. No. RC-01
AB-002	Cottonseed Dump Pit No. 2, Ref. No. RC-02
AB-003	Surge Tank, Ref. No. TK-01
AB-004	Seed Storage House No. 1, Ref. No. SH-01, including two cooling fans, Ref. No.'s CF-01 and CF-02
AB-005	Seed Storage House No. 2, Ref. No. SH-02, including two cooling fans, Ref. No.'s CF-03 and CF-04
AB-006	Seed Storage House No. 3, Ref. No. SH-03, including four cooling fans, Ref. No.'s CF-05, CF-06, CF-21, and CF-22
AB-007	Seed Storage House No. 4, Ref. No. SH-04, including two cooling fans, Ref. No.'s CF-07 and CF-08
AB-008	Seed Storage House No. 5, Ref. No. SH-05, including four cooling fans, Ref. No.'s CF-09, CF-10, CF-11, and CF-12
AB-009	Seed Storage House No. 6, Ref. No. SH-06, including four cooling fans, Ref. No.'s CF-13, CF-14, CF-15, and CF-16
AB-010	Seed Storage House No. 7, Ref. No. SH-07, including four cooling fans, Ref. No.'s CF-17, CF-18, CF-19, and CF-20
AB-011	Meal Receiving, Ref. No.RC-03
AB-012	Meal Tank No. 1, Ref. No. TK-02
AB-013	Meal Tank No. 2, Ref. No. TK-03
AB-014	Meat Bin Tank, Ref. No. TK-04
AB-015	Seed Storage House No. 8, Ref. No. SH-08
AC-000	**Cottonseed Cleaning**
AC-001	Seed Cleaner Cyclone, Ref. No. SC-01
AC-002	Seed Cleaner Cyclone, Ref. No. SC-02
AC-003	Seed Cleaner Cyclone, Ref. No. SC-03
AC-004	Seed Cleaner Cyclone, Ref. No. SC-04
AC-005	Seed Cleaner Cyclone, Ref. No. SC-05
AC-006	Seed Cleaner to Motes, Ref. No. SC-06

Emission Point	Description
AC-007	Seed Cleaner Cyclone, Ref. No. SC-07
AD-000	**Cottonseed Delinting– First Cut**
AD-002	First Cut Robbing Cyclone, Ref. No. SD-26
AD-003	First Cut Robbing Cyclone, Ref. No. SD-09
AD-004	First Cut Delinting Cyclone, Ref. No. SD-21
AD-005	First Cut Delinting Cyclone, Ref. No. SD-22
AD-006	First Cut Motes Cyclone, Ref. No. SD-13
AD-007	First Cut Motes Cyclone, Ref. No. SD-27
AD-008	Motes Relay Cyclone, Ref. No. SD-18 **(Backup Only)**
AD-011	First Cut Delinting Cyclone, Ref. No. SD-35
AD-012	Lint Recycling Cyclone, Ref. No. SD-37
AD-013	Lint Recycling Cyclone, Ref. No. SD-38
AD-014	Motes Relay Cyclone, Ref. No. SD-39
AD-015	Motes Relay Cyclone, Ref. No. SD-40
AD-016	Motes Relay Cyclone, Ref. No. SD-25 **(Backup Only)**
AD-017	First Cut Motes/Safety Shaker Seed Delinting Cyclone, Ref. No. SD-14
AD-018	First Cut Motes/Safety Shaker Seed Delinting Cyclone, Ref. No. SD-15
AE-000	**Cottonseed Delinting– Second Cut**
AE-007	Second Cut Robbing Cyclone, Ref. No. SD-10
AE-008	Second Cut Robbing Cyclone, Ref. No. SD-11
AE-009	Second Cut Robbing Cyclone, Ref. No. SD-12
AE-010	Second Cut Seed Delinting Cyclone, Ref. No. SD-23
AE-011	Second Cut Seed Delinting Cyclone, Ref. No. SD-24
AE-012	Second Cut Seed Delinting Cyclone, Ref. No. SD-30
AE-013	Second Cut Seed Delinting Cyclone, Ref. No. SD-31
AE-014	Second Cut Seed Delinting Cyclone, Ref. No. SD-32
AE-015	Second Cut Seed Delinting Cyclone, Ref. No. SD-33
AE-016	Second Cut Seed Delinting Cyclone, Ref. No. SD-34
AE-017	Second Cut Seed Delinting Cyclone, Ref. No. SD-36

Emission Point	Description
AE-018	Second Cut Motes Cyclone, Ref. No. SD-28
AF-000	**Cottonseed Hulling and Meat Separation**
AF-001	Gemini Huller Cyclone, Ref. No. HR-01
AF-002	Huller Shaker-Top Tray Cyclone, Ref. No. HR-02
AF-003	Huller Shaker-Top Tray Cyclone, Ref. No. HR-03
AF-004	Huller Shaker-Top Tray Cyclone, Ref. No. HR-04
AF-005	Huller Shaker-Top Tray Cyclone, Ref. No. HR-05
AF-006	Huller Shaker - Bottom Tray Cyclone, Ref. No. HR-06
AF-007	Huller Shaker - Bottom Tray Cyclone, Ref. No. HR-07
AF-008	Huller Shaker - Bottom Tray Cyclone, Ref. No. HR-08
AF-009	Huller Fly Lint Cyclone, Ref. No. HR-09
AF-010	Pepper Dust Cyclone, Ref. No. HR-10
AF-011	Hull Sacking Cyclone, Ref. No. HR-16
AF-012	Meal Sacking Cyclone, Ref. No. HR-17
AG-000	**Solvent Plant for Cottonseed Oil Extraction**
AG-001	Meal Filter, Ref. No. SP-03
AG-004	Mineral Oil System Vent Stack, Ref. No. SP-07
AG-005	Fugitive Hexane Losses, Ref. No. SP-06
AG-006	DT Solvent Extraction Cyclone, Ref. No. SP-08
AG-007	DC Cyclone, Ref. No. SP-09
AG-008	Suction Solvent Extraction Cyclone, Ref. No. SP-02
AH-000	**Product Loadouts**
AH-001	Cottonseed Loadout No. 1 to Railcar, Ref. No. LO-01
AH-002	Cottonseed Loadout No. 2 to Railcar, Ref. No. LO-04
AH-003	Meal Loadout to Truck/ Railcar, Ref. No. LO-02
AH-004	Hull Loadout to Truck, Ref. No. LO-03
AH-005	Old Hull Loadout, Ref. No. LO-05
AH-006	Meal Loadout to Truck, Ref. No. LO-06
AH-007	Cottonseed Loadout to Truck, Ref. No. LO-07

Emission Point	Description
AI-000	**Fugitive Road Emissions**
AI-001	Total Fugitive Road Dust Emissions, Ref. No. RO-01

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.: APC-S-1, Section 3.1)

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.: APC-S-1, Section 3.2)

B. Emission Point Specific Emission Limitations & Standards

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/ Parameter	Limit/Standard
Facility-Wide	APC-S-1, Section 3.6(a)	3.B.1	PM/PM_{10}	$E=4.1*(p)^{0.67}$, where p shall not exceed 200 tons per hour.
AA-001	APC-S-1, Section 3.4(a)(2)	3.B.2	PM/PM_{10}	$E=0.8808*I^{-0.1667}$
	APC-S-1, Section 4.1(a)	3.B.3	SO_2	4.8 lbs/MMBTU
	40 CFR 60, Subpart Dc	3.B.4	SO_2 PM	NSPS Applicability
	40 CFR 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 60.42c(h)(1)	3.B.6	Fuel Restriction	burn distillate oil (fuel oil No. 1 or No. 2)
AA-002	APC-S-1, Section 3.4(a)(2)	3.B.2	PM/PM_{10}	$E=0.8808*I^{-0.1667}$
	APC-S-1, Section 4.1(a)	3.B.3	SO_2	4.8 lbs/MMBTU
	Title V Permit issued on May 16, 2003	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.
AA-001 AA-002	40 CFR 63, Subpart DDDDD	3.B.7	Fuel Burning	MACT Applicability
AA-003	40 CFR 63, Subpart ZZZZ	3.B.8	HAP	MACT Applicability
	40 CFR 63.6602 and item 1 of Table 2c to subpart ZZZZ	3.B.9	Operations	Change oil and filter and inspect all hoses and belts every 500 hours; and Inspect air cleaner every 1,000 hours, and replace as necessary; or utilize optional oil analysis program.
	40 CFR 63.6625(h) and Table 2c to Subpart ZZZZ	3.B.10		Minimize engine's time spent at idle during startup and startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes.
	40 CFR 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 63.6640(f)	3.B.12		Operate only in emergency operation, maintenance and testing, and in nonemergency situations for < 50 hours per year. Maintenance checks and readiness testing of such units is limited to 100 hours per year.
AB-001 AB-002	Title V Permit issued on May 16, 2003	3.B.15	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.17	Operational Restriction	No more than 87,600 tons of meal per year.
AG-000 (See 4.3)	40 CFR 63, Subpart GGGG	3.B.13	HAP	MACT Applicability
	40 CFR 63.2840(c)	3.B.14	HAP	The compliance ratio of actual HAP loss to allowable HAP loss for the previous operating month must be less than or equal to 1.00.
	Title V Permit issued on May 16, 2003	3.B.16	Operational Restriction	Throughput limit of 500 tons of cottonseed per day (monthly average).
AG-007	Title V Permit modified January 2010.	3.B.21	PM/PM10	$\leq$ 2.47 lb/hr and 10.83 tpy
AH-001 AH-002 AH-007	Title V Permit issued on May 16, 2003	3.B.18	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.19	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.20	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 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.: APC-S-1, Section 3.6(a))

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.: APC-S-1, Section 3.4(a)(2))

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.: APC-S-1, Section 4.1(a))

3.B.4 Emission Point AA-001 is affected by and shall comply with the New Source Performance Standards for Small Industrial-Commercial-Institutional Steam Generating Units (40 CFR 60, Subpart Dc) and the General Provisions (40 CFR 60, Subpart A). (Ref.: 40 CFR 60, Subpart Dc)

3.B.5 For Emission Point AA-001 and AA-002, 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) and Title V Permit issued on May 16, 2003)

3.B.6 For Emission Point AA-001, 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 affected by and shall comply with the National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters (40 CFR Part 63, Subpart DDDDD) and the General Provisions (40 CFR Part 63, Subpart A). (Ref.: 40 CFR 63.7485)

3.B.8 Beginning May 3, 2013, Emission Point AA-003 is affected by and shall comply with the National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (40 CFR Part 63, Subpart ZZZZ) and the General Provisions (40 CFR Part 63, Subpart A). (Ref.: 40 CFR Part 63, Subpart ZZZZ)

3.B.9 Beginning May 3, 2013, 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 §63.6625(i) in order to extend the specified oil change requirement in Table 2c of this subpart and may petition the

Administrator 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 to subpart ZZZZ)

3.B.10 Beginning May 3, 2013, 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, after which time the emission standards applicable to all times other than startup in Tables 2c to Subpart ZZZZ apply. (Ref.: 40 CFR 63.6625(h) and Table 2c to Subpart ZZZZ)

3.B.11 Beginning May 3, 2013, 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 Beginning May 3, 2013, for Emission Point AA-003, the permittee must operate the emergency stationary RICE according to the requirements in paragraphs (f)(1)(i) through (iii) of 40 CFR 63.6640. 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 you do not operate the engine according to the requirements in paragraphs (f)(1)(i) through (iii) of 40 CFR 63.6640, the engine will not be considered an emergency engine under this subpart and will need to meet all requirements for non-emergency engines. Specifically, paragraphs (f)(1)(i) through (iii) include:

(i) There is no time limit on the use of emergency stationary RICE in emergency situations.

(ii) You may operate your 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.

(iii) You 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. (Ref.: 40 CFR 63.6640(f))

3.B.13 Emission Group AG-000 is affected by and shall comply with the National Emission Standards for Hazardous Air Pollutants (NESHAP): Solvent Extraction for Vegetable Oil Production (40 CFR Part 63, Subpart GGGG) and the General Provisions (40 CFR Part 63, Subpart A). (Ref.: 40 CFR 63, Subpart GGGG)

3.B.14 For Emission Point AG-000, the permittee shall calculate a compliance ratio comparing actual HAP loss to allowable HAP loss in accordance with the equation provided in the regulation beginning with the first 12-month operating period following the compliance date. 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)

3.B.15 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.16 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.17 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.18 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.19 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.20 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.21 For Emission Point AG-007, the permittee is limited to PM/PM_{10} 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
APC-S-1, Section 3.4(a)(1)	3.C.1	PM	0.6 lbs/MMBTU
APC-S-1, Section 4.1(a)	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.

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.

SECTION 4. COMPLIANCE SCHEDULE

2052 PER20120001

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.: APC-S-6, Section III.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.: APC-S-6, Section III.A.3.b.(1)(a)-(f))

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.: APC-S-6, Section III.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 APC-S-6, Section II.E. (Ref.: APC-S-6, Section III.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.: APC-S-6, Section III.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.

5.A.7 The permittee shall maintain records of any alterations, additions, or changes in equipment or operation.

B. Specific Monitoring and Recordkeeping Requirements

Emission Point(s)	Pollutant/Parameter Monitored	Monitoring/Recordkeeping Requirement	Condition Number	Applicable Requirement
Facility-wide	PM/PM_{10}	Stack test once per permit term; EPA Reference Method 5	5.B.1	APC-S-6, Section III.A.3
		Monitor and record visible emissions weekly	5.B.2	APC-S-6, Section III.A.3
		Perform routine maintenance inspections weekly	5.B.3	APC-S-6, Section III.A.3
	Raw Materials	Monitor and record monthly all raw materials received at the facility	5.B.4	APC-S-6, Section III.A.3
AA-001	PM/PM_{10}	Monitor and record monthly fuel usage	5.B.5	40 CFR 60.48c(g)
	SO_2			
		Monitor and maintain fuel supplier certifications	5.B.6	40 CFR 60.44c(h), 60.46c(e), & 60.48c(e)(11)
AA-002	PM/PM_{10}	Monitor and record monthly fuel usage	5.B.7	APC-S-6, Section III.A.3
	SO_2			
AA-001 AA-002	Fuel Burning	Perform annual tune-ups	5.B.8	40 CFR 63.7540(a)(10), and Item 2 of Table 3
		Perform one-time energy audit	5.B.9	Item 4 of Table 3 of Subpart DDDDD
AA-003	Operations	Notifications, malfunctions, maintenance, corrective actions	5.B.10	40 CFR 63.6655(a)(1)-(2), (4)-(5)
	Maintenance	Maintain maintenance records	5.B.11	40 CFR 63.6655(e)
	Hours of Operation	Keep records of the hours of operation that is recorded through the non-resettable hour meter	5.B.12	40 CFR 63.6655(f)
	Recordkeeping Format	Maintain records readily available for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record in hard copy or electronic form for at least 5 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record.	5.B.13	40 CFR 63.6660
AG-000	Oilseed Type	Records of listed oilseed	5.B.14	40 CFR 63.2862(d)
	Hours of Operation	Monitor and record monthly hours of operation	5.B.15	APC-S-6, Section III.A.3
	Process Materials	Monitor and record monthly the amount of materials processed	5.B.16	APC-S-6, Section III.A.3
AB-001 AB-002 AB-011	Process Materials	Monitor and record monthly the amount of materials processed	5.B.17	APC-S-6, Section III.A.3

Emission Point(s)	Pollutant/Parameter Monitored	Monitoring/Recordkeeping Requirement	Condition Number	Applicable Requirement
AH-000	Process Materials	Monitor and record monthly the amount of materials processed	5.B.18	APC-S-6, Section III.A.3

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 the capacity provided in the permit application. 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.: APC-S-6, Section III.A.3)

5.B.2 For all cyclones and baghouses, the permittee shall perform visible emission observations (Method 22) 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.: APC-S-6, Section III.A.3)

5.B.3 For all cyclones and baghouses, the permittee shall perform routine maintenance inspections on a weekly basis. The permittee shall record all maintenance activities performed. (Ref.: APC-S-6, Section III.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.: APC-S-6, Section III.A.3)

5.B.5 For Emission Point AA-001, the permittee shall monitor and record monthly the amounts of each fuel combusted (Ref.: 40 CFR 60.48c(g))

5.B.6 For Emission Point AA-001, the permittee shall record and maintain records of the fuel supplier certifications for periods of firing fuel oil. (Ref.: 40 CFR 60.44c(h), 60.46c(e), & 60.48c(e)(11))

5.B.7 For Emission Point AA-002, the permittee shall monitor and record monthly, the type, quantity, and quality of fuel used. (Ref.: APC-S-6, Section III.A.3)

5.B.8 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 annual tune-up must be performed no more than 13 months after the previous tune-up.

(i) As applicable, inspect the burner, and clean or replace any components of the burner as necessary (you may delay the burner inspection until the next scheduled unit shutdown, but you must inspect each burner at least once every 36 months);

(ii) 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;

(iii) Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly;

(iv) Optimize total emissions of carbon monoxide. This optimization should be consistent with the manufacturer's specifications, if available;

(v) 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

(vi) Maintain on-site and submit, if requested by the Administrator, an annual report containing the information in paragraphs (a)(10)(vi)(a) through (c) of this section,

(a) 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;

(b) A description of any corrective actions taken as a part of the combustion adjustment; and

(c) 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 2 of Table 3)

5.B.9 For emission points AA-001 and AA-002, the permittee shall conduct a one-time energy assessment. The assessment shall be completed no later than January 31, 2016. An energy assessment completed on or after January 1, 2008, that meets or is amended to meet the energy assessment requirements, satisfies the energy assessment requirement. The energy assessment must include:

(a) A visual inspection of the boiler or process heater system.

(b) An evaluation of operating characteristics of the facility, specifications of energy using systems, operating and maintenance procedures, and unusual operating constraints

(c) An inventory of major energy consuming systems

(d) A review of available architectural and engineering plans, facility operation and maintenance procedures and logs, and fuel usage

(e) A review of the facility's energy management practices and provide recommendations for improvements consistent with the definition of energy management practices

(f) A list of major energy conservation measures

(g) A list of the energy savings potential of the energy conservation measures identified, and

(h) A comprehensive report detailing the ways to improve efficiency, the cost of specific improvements, benefits, and the time frame for recouping those investments.

(Ref.: Item 4 of Table 3 of Subpart DDDDD)

5.B.10 Beginning May 3, 2013, for Emission Point AA-003, the permittee shall demonstrate compliance with the emission and operating limitations, and maintain the records described in the following:

(1) 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 §63.10(b)(2)(xiv);

(2) Records of the occurrence and duration of each malfunction of operation (*i.e.,* process equipment) or the air pollution control and monitoring equipment;

(3) Records of all required maintenance performed on the air pollution control and monitoring equipment;

(4) 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. (Ref.: 40 CFR 63.6655(a)(1)-(2), (4)-(5))

5.B.11 Beginning May 3, 2013, for Emission Point AA-003, 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. (Ref.: 40 CFR 63.6655(e))

5.B.12 Beginning May 3, 2013, for Emission Point AA-003, 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(f))

5.B.13 Beginning May 3, 2013, for Emission Point AA-003, the permittee shall:

(a) Maintain records in a form suitable and readily available for expeditious review according to §63.10(b)(1).

(b) As specified in §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 §63.10(b)(1). (Ref.: 40 CFR 63.6660)

5.B.14 After the permittee has processed listed oilseed for 12 operating months, and is not operating during an initial startup period as described in §63.2850(c)(2) or (d)(2), or a malfunction period as described in §63.2850(e)(2), the permittee shall record the following items by the end of the calendar month following each operating month:

(1) The 12 operating months rolling sum of the actual solvent loss in gallons as described in §63.2853(c).

(2) The weighted average volume fraction of HAP in extraction solvent received for the previous 12 operating months as described in §63.2854(b)(3).

(3) The 12 operating months rolling sum of each type of listed oilseed processed at the affected source in tons as described in §63.2855(c).

(4) A determination of the compliance ratio. Using the values from §63.2853, §63.2854, §63.2855, and Table 1 of §63.2840, calculate the compliance ratio using Equation 2 of §63.2840.

(5) 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 §63.2850. (Ref.: 40 CFR 63.2862(d))

5.B.15 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.: APC-S-6, Section III.A.3)

5.B.16 For the solvent extraction process area (AG-000), the permittee shall monitor and record monthly the amount of material processed. (Ref.: APC-S-6, Section III.A.3)

5.B.17 For the Emission Points, AB-001, AB-002, and AB-011, the permittee shall monitor and record monthly the amount of material processed. (Ref.: APC-S-6, Section III.A.3)

5.B.18 For the loadout area AH-000, the permittee shall monitor and record monthly the amount of material processed. (Ref.: APC-S-6, Section III.A.3)

C. Specific Reporting Requirements

Emission Point(s)	Pollutant/Parameter Monitored	Reporting Requirement	Condition Number	Applicable Requirement
Facility-Wide	PM/PM_{10}	Stack test protocol and report submittal	5.C.1	APC-S-6, Section III.A.3.c.(1)
		Semiannual reports	5.C.2	APC-S-6, Section III.A.3.c.(1)
			5.C.3	APC-S-6, Section III.A.3.c.(1)
	Raw Materials		5.C.4	APC-S-6, Section III.A.3.c.(1)
AA-001	PM/PM_{10}	Semiannual reports	5.C.7	APC-S-6, Section III.A.3.c.(1)
	SO_2		5.C.8	40 CFR 60.48c(j); APC-S-6, Section III.A.3.c.(1)
AA-002	PM/PM_{10} SO_2	Semiannual reports	5.C.7	APC-S-6, Section III.A.3.c.(1)
AA-001 AA-002	Fuel Burning	Notification of Compliance Status Report	5.C.17	40 CFR 63.7545(e)
		Annual compliance reports	5.C.18	40 CFR 63.7550
AA-003	CO	Report each instance in which you did not meet each emission limitation or requirements in Table 8	5.C.15	40 CFR 63.6640(a) (b) & (e)
		Submit instance of each deviation	5.C.16	40 CFR 66.6650(f)
AG-000	Certification	Annual compliance certification	5.C.9	40 CFR 63.2861(a)
	Notification	Deviation report	5.C.10	40 CFR 63.2861(b)
		Periodic startup, shutdown, & malfunction report	5.C.11	40 CFR 63.2861(c)
		Immediate startup, shutdown, & malfunction report	5.C.12	40 CFR 63.2861(d)
	Hours of Operation	Semiannual reports	5.C.5	APC-S-6, Section III.A.3.c.(1)
	Process Materials		5.C.6	APC-S-6, Section III.A.3.c.(1)
AB-001 AB-002 AB-011	Process Materials	Semiannual reports	5.C.13	APC-S-6, Section III.A.3.c.(1)
AH-000	Process Materials	Semiannual reports	5.C.14	APC-S-6, Section III.A.3.c.(1)

5.C.1 The permittee shall submit a stack test report for each required stack test within 30 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.: APC-S-6, Section III.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.: APC-S-6, Section III.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.: APC-S-6, Section III.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.: APC-S-6, Section III.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.: APC-S-6, Section III.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.: APC-S-6, Section III.A.3.c.(1))

5.C.7 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.: APC-S-6, Section III.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) & APC-S-6, Section III.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:

(1) The name and address of the owner or operator.

(2) The physical address of the vegetable oil production process.

(3) Each listed oilseed type processed during the 12 calendar months period covered by the report.

(4) Each HAP identified under §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.

(5) 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.

(6) 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, you must include a certification of the following items:

a) You are following the procedures described in the plan for demonstrating compliance.

b) 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:

(1) The name and address of the owner or operator.

(2) The physical address of the vegetable oil production process.

(3) Each listed oilseed type processed during the 12 operating months period for which you determined the deviation.

(4) The compliance ratio comprising the deviation. You may reduce the frequency of submittal of the deviation notification report if the agency responsible for these NESHAP does not object as provided in §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. The periodic SSM Report must contain the following information:

(1) 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.

(2) 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.

(3) 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 or facsimile 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 §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.: APC-S-6, Section III.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.: APC-S-6, Section III.A.3.c.(1))

5.C.15 Beginning May 3, 2013, for Emission Point AA-003, the permittee must:

(a) Demonstrate continuous compliance with each emission limitation and operating limitation in Table 2c to Subpart ZZZZ that apply to you according to methods specified in Table 6 to this subpart.

(b) Report each instance in which you did not meet each emission limitation or operating limitation in Table 2c to Subpart ZZZZ that apply to you. These instances are deviations from the emission and operating limitations in this subpart. These deviations must be reported according to the requirements in §63.6650. If you change your catalyst, you must reestablish the values of the operating parameters measured during the initial performance test. When you reestablish the values of your operating parameters, you must also conduct a performance test to demonstrate that you are meeting the required emission limitation applicable to your stationary RICE.

(c) Report each instance in which you did not meet the requirements in Table 8 to Subpart ZZZZ that apply to you. (Ref.: 40 CFR 63.6640(a), (b), and (e))

5.C.16 Beginning May 3, 2013, for Emission Point AA-003, the permittee must report all deviations as defined in this subpart in the semiannual monitoring report required by 40 CFR 70.6 (a)(3)(iii)(A) or 40 CFR 71.6(a)(3)(iii)(A). If an affected source submits a Compliance report pursuant to Table 7 of this subpart along with, or as part of, the semiannual monitoring report required by 40 CFR 70.6(a)(3)(iii)(A) or 40 CFR 71.6(a)(3)(iii)(A), and the Compliance report includes all required information concerning deviations from any emission or operating limitation in this subpart,

submission of the Compliance report shall be deemed to satisfy any obligation to report the same deviations in the semiannual monitoring report. However, submission of a Compliance report shall not otherwise affect any obligation the affected source may have to report deviations from permit requirements to the permit authority. (Ref.: 40 CFR 63.6650(f))

5.C.17 For Boilers AA-001 and AA-002, the permittee shall submit a Notification of Compliance Status Report no later than September 30, 2016 or within 60 days of completing the performance test and/or other initial compliance demonstrations, whichever is earlier. The Notification of Compliance Status report must contain all the information specified in 40 CFR 63.7545(e)(1) through (8), as applicable. (Ref.: 40 CFR 63.7545(e))

5.C.18 For Boilers 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. A compliance report shall contain all the information specified in 40 CFR 63.7550(c)(1) through (5), as applicable. (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

APC-S-1	Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants
APC-S-2	Permit Regulations for the Construction and/or Operation of Air Emissions Equipment
APC-S-3	Regulations for the Prevention of Air Pollution Emergency Episodes
APC-S-4	Ambient Air Quality Standards
APC-S-5	Regulations for the Prevention of Significant Deterioration of Air Quality
APC-S-6	Air Emissions Operating Permit Regulations for the Purposes of Title V of the Federal Clean Air Act
APC-S-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 Fm 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