

**STATE OF MISSISSIPPI
AND FEDERALLY ENFORCEABLE
AIR POLLUTION CONTROL
PERMIT**

**TO OPERATE AIR EMISSIONS EQUIPMENT AT A
SYNTHETIC MINOR SOURCE**

THIS CERTIFIES THAT

Farmers Grain Terminal Inc., Greenville
Harbor Front Industrial Park
Greenville, Mississippi
Washington 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 the Federal Clean Air Act and the provisions of the Mississippi Air and Water Pollution Control Law (Section 49-17-1 et. seq., Mississippi Code of 1972), the regulations and standards adopted and promulgated thereunder, and the State Implementation Plan for operating permits for synthetic minor sources.

MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD

**AUTHORIZED SIGNATURE
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**

Issued: _____

Permit No.: 2800-00066

Effective Date: As specified herein.

Expires: [No more than 5 years from the issue date.]

Section 1.

A. GENERAL CONDITIONS

1. This permit is for air pollution control purposes only.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.1.D.)
2. This permit is a Federally-approved permit to operate a synthetic minor source as described in 11 Miss. Admin. Code Pt. 2, R. 2.4.D.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.4.D.)
3. Any activities not identified in the application are not authorized by this permit.

(Ref.: Miss. Code Ann. 49-17-29 1.b)
4. The knowing submittal of a permit application with false information may serve as the basis for the Permit Board to void the permit issued pursuant thereto or subject the applicant to penalties for constructing or operating without a valid permit.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(5).)
5. The issuance of a permit does not release the permittee from liability for constructing or operating air emissions equipment in violation of any applicable statute, rule, or regulation of state or federal environmental authorities.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(7).)
6. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit unless halting or reducing activity would create an imminent and substantial endangerment threatening the public health and safety of the lives and property of the people of this state.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(15)(a).)
7. The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(15)(c).)
8. The permittee shall allow the Mississippi Department of Environmental Quality Office of Pollution Control and the Mississippi Environmental Quality Permit Board and/or their authorized representatives, upon the presentation of credentials:

- a. To enter upon the permittee's premises where an air emission source is located or in which any records are required to be kept under the terms and conditions of this permit, and
- b. At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit; to inspect any monitoring equipment or monitoring method required in this permit; and to sample any air emission.

(Ref.: Miss. Code Ann. 49-17-21)

9. Except for data determined to be confidential under the Mississippi Air & Water Pollution Control Law, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Mississippi Department of Environmental Quality Office of Pollution Control.

(Ref.: Miss. Code Ann. 49-17-39)

10. 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. 2.1.D(7).)

11. This permit does not authorize a modification as defined in Regulation 11 Miss. Admin. Code Pt. 2, Ch.2., "Permit Regulations for the Construction and/or Operation of Air Emission Equipment." A modification may require a Permit to Construct and a modification of this permit. Modification is defined as "Any 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 Part 51, Subpart I, or 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 Part 51, Subpart I, or 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 Part 51, 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).)

B. GENERAL OPERATIONAL CONDITIONS

1. 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, 11 Miss. Admin. Code Pt. 2, "Regulations for the Prevention of Air Pollution Emergency Episodes" for the level of emergency declared.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.10.)

2. Any diversion from or bypass of collection and control facilities is prohibited, except as provided for in 11 Miss. Admin. Code Pt. 2, R. 1.10., "Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants."

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.10.)

3. Solids removed in the course of control of air emissions shall be disposed of in a manner such as to prevent the solids from becoming windborne and to prevent the materials from entering State waters without the proper environmental permits.

(Ref.: Miss. Code Ann. 49-17-29 1.a(i and ii))

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

- a. Upsets

- (1) For an upset defined in 11 Miss. Admin. Code Pt. 2, R. 1.2., 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 by 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.)

5. Compliance Testing: Regarding compliance testing:

- a. The results of any emissions sampling and analysis shall be expressed both in units consistent with the standards set forth in any Applicable Rules and Regulations or this permit and in units of mass per time.
- b. Compliance testing will be performed at the expense of the permittee.
- c. Each emission sampling and analysis report shall include but not be limited to the following:
 - (1) Detailed description of testing procedures;
 - (2) Sample calculation(s);
 - (3) Results; and
 - (4) Comparison of results to all Applicable Rules and Regulations and to emission limitations in the permit.

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

C. PERMIT RENEWAL / MODIFICATION / TRANSFER / TERMINATION

1. For renewal of this permit, the applicant shall make application not less than one-hundred eighty (180) days prior to the expiration date of the permit substantiated with current emissions data, test results or reports or other data as deemed necessary by the Mississippi Environmental Quality Permit Board. If the applicant submits a timely and complete application pursuant to this paragraph and the Permit Board, through no fault of the applicant, fails to act on the application on or before the expiration date of the existing permit, the applicant shall continue to operate the stationary source under the terms and conditions of the expired permit, which shall remain in effect until final action on the application is taken by the Permit Board. Permit expiration terminates the source's ability to operate unless a timely and complete renewal application has been submitted.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.8.)

2. The permittee shall furnish to the DEQ within a reasonable time any information the DEQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the DEQ copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee shall furnish such records to the DEQ along with a claim of confidentiality. The permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

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

3. The permit and/or any part thereof may be modified, revoked, reopened, and reissued, or terminated for cause. Sufficient cause for a permit to be reopened shall exist when an air emissions stationary source becomes subject to Title V. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

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

4. After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to:
 - a. Persistent violation of any terms or conditions of this permit.
 - b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or
 - c. A change in federal, state, or local laws or regulations that require either a temporary or permanent reduction or elimination of previously authorized air emission.

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

5. This permit may only be transferred upon approval of the Mississippi Environmental Quality Permit Board.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.16.B.)

SECTION 2 EMISSION POINT DESCRIPTION

The permittee is authorized to operate air emissions equipment, as described in the following table.

Emission Point	Description
AA-000	Facility-wide
AA-001	Grain receiving via Hopper Truck, Pits #1-8; Partially controlled by Baghouse #1 (Emission Point CD-001)
AA-002	Internal Grain Handling controlled by Baghouse #2 (Emission Point CD-002)
AA-003	Grain Drying
AA-004	Grain Storage
AA-005	Grain Loadout via Barge
AA-006	Grain Loadout via Truck
AA-007	Grain Receiving via Rail
AA-008	Grain Loadout via Rail
AB-001	77.7 MMBtu/hr natural gas-fired Zimmerman Column Grain Dryer
AB-002	19.0 MMBtu/hr natural gas-fired GSI Column Grain Dryer
AC-001	2,000-gallon Diesel Fuel Storage Tank
CD-001	Baghouse #1 (controls emissions from Truck Receiving Pits #2 and #3)
CD-002	Baghouse #2 (controls emissions from Internal Grain Handling Equipment)

SECTION 3 EMISSION LIMITATIONS AND STANDARDS

Emission Point	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Limitation/Standard
AA-000	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	3.1	Throughput	≤ 2,500,000 tons of grain per year ≤ 900,000 tons of grain per year in dryers
		3.2	PM (filterable)	≤ 249.0 tons/yr
		3.3	PM ₁₀ /PM _{2.5} (filterable)	≤ 99.0 tons/yr (each)
	11 Miss. Admin. Code Pt. 2, R. 1.3.F(1).	3.4	PM (filterable)	$E = 4.1p^{0.67}$
	11 Miss. Admin. Code Pt. 2, R. 1.3.A.	3.5	Opacity	≤ 40 %
	11 Miss. Admin. Code Pt. 2, R. 1.3.B.	3.6		≤ 40 %
	40 CFR 60, Subpart DD Standards of Performance for Grain Elevators 40 CFR 60.300, Subpart DD	3.7	PM	Applicability
AA-001 AA-007 AA-008	40 CFR 60.302(c)(1), Subpart DD	3.8	Opacity	≤ 5 %
AA-002	40 CFR 60.302(c)(2), Subpart DD	3.9	Opacity	≤ 0 %
AA-005	40 CFR 60.302(c)(4), Subpart DD	3.10	Opacity	≤ 20 %
AA-006	40 CFR 60.302(c)(3), Subpart DD	3.11	Opacity	≤ 10 %
CD-001 CD-002	40 CFR 60.302(b), Subpart DD	3.12	PM	≤ 0.023 g/dscm (0.01 gr/dscf)
			Opacity	≤ 0 %
AB-001 AB-002	11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(b).	3.13	PM (filterable)	$E = 0.8808 * I^{-0.1667}$
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	3.14	Fuel Usage	Natural gas/liquid propane only

Emission Point	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Limitation/Standard
CD-001 CD-002	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	3.15	Pressure Drop	$3 \geq \Delta P \leq 9$ in. H ₂ O
		3.16	Operating Requirement	Maintain spare parts and/or equipment
CD-001 CD-002	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	3.17	Operating Requirement	Operate control devices at all times when processing material

3.1 For Emission Point AA-000, the permittee shall limit the total facility-wide maximum throughputs in accordance with the following:

- (a) Less than or equal to 2,500,000 tons of grain per year as determined on a rolling 12-month period basis.
- (b) Less than or equal to 900,000 tons of grain per year processed in the dryers as determined on a rolling 12-month period basis.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).)

3.2 For Emission Point AA-000, the permittee shall limit the total facility-wide emissions of filterable particulate matter (PM) to less than or equal to 249.0 tons per year (tpy) determined on a rolling 12-month period basis.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).)

3.3 For Emission Point AA-000, the permittee shall limit the total facility-wide emissions of filterable particulate matter less than 10 microns (PM₁₀) and filterable particulate matter less than 2.5 microns (PM_{2.5}) to less than or equal to 99.0 tpy each as determined on a rolling 12-month period basis.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).)

3.4 For Emission Point AA-000, except as otherwise specified, the permittee shall not cause, permit, or allow the emission of PM in total quantities in any one hour from any manufacturing process, which includes any associated stacks, vents, outlets, or a combination thereof, to exceed the amount determined by the relationship

$$E = 4.1p^{0.67}$$

where E is the emission rate in pounds per hour and p is the process weight input rate in 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.: 11 Miss. Admin. Code Pt. 2, R. 1.3.F(1).)

3.5 For Emission Point AA-000, 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) and (b) below.

- (a) Startup operations may produce emissions which exceed 40 percent 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.)

- 3.6 For Emission Point AA-000, 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 percent opacity, equivalent to that provided in Condition 3.5. This shall not apply to vision obscuration caused by uncombined water droplets.

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

- 3.7 The permittee is subject to and shall comply with the applicable requirements of the Standards of Performance for Grain Elevators, 40 CFR 60, Subpart DD, and the applicable General Provisions, 40 CFR 60, Subpart A.

(Ref.: 40 CFR 60.300, Subpart DD)

- 3.8 For Emission Points AA-001, AA-007, and AA-008, the permittee shall not cause to be discharged into the atmosphere any fugitive emission which exceeds five (5) percent opacity.

(Ref.: 40 CFR 60.302(c)(1), Subpart DD)

- 3.9 For Emission Point AA-002, the permittee shall not cause to be discharged into the atmosphere any fugitive emission which exceeds zero (0) percent opacity.

(Ref.: 40 CFR 60.302(c)(2), Subpart DD)

- 3.10 For Emission Point AA-005, the permittee shall not cause to be discharged into the atmosphere any fugitive emission which exceeds twenty (20) percent opacity.

(Ref.: 40 CFR 60.302(c)(4), Subpart DD)

- 3.11 For Emission Point AA-006, the permittee shall not cause to be discharged into the atmosphere any fugitive emission which exceeds ten (10) percent opacity.

(Ref.: 40 CFR 60.302(c)(3), Subpart DD)

3.12 For Emission Points CD-001 and CD-002, the permittee shall not cause to be discharged into the atmosphere from any affected facility, except a grain dryer, any process emission which:

- (a) Contains particulate matter in excess of 0.023 g/dscm (0.01 gr/dscf);
- (b) Exhibits greater than zero (0) percent opacity.

(Ref.: 40 CFR 60.302(b), Subpart DD)

3.13 For Emission Points AB-001 and AB-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).)

3.14 Emission Points AB-001 and AB-002 are limited to using only natural gas or liquid propane as fuel in the dryers.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).)

3.15 For Emission Points CD-001 and CD-002, the permittee shall maintain the pressure drop across each baghouse between three (3) and nine (9) inches of water (H₂O).

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).)

3.16 For Emission Points CD-001 and CD-002, the permittee shall maintain an inventory of spare parts and/or equipment as is necessary to repair and/or replace the components of the pollution control equipment.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).)

3.17 For Emission Points CD-001 and CD-002, the permittee shall operate the control devices at all times material is being processed. Should either control device become non-operational then the respective process(es) shall be shut down immediately, but not as to cause damage to equipment or property, or cause further environmental problems. The process(es) shall not startup again until such time that the control device becomes operational and proper efficiency of the pollution control equipment is restored.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).)

**SECTION 4
WORK PRACTICES**

**THIS SECTION WAS INTENTIONALLY LEFT BLANK SINCE NO WORK PRACTICE
STANDARDS APPLY TO THIS PERMIT ACTION.**

**SECTION 5
MONITORING AND RECORDKEEPING REQUIREMENTS**

Emission Point	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Monitoring/Recordkeeping Requirement	
AA-000	11 Miss. Admin. Code Pt. 2, R. 2.9.	5.1	Recordkeeping	Maintain records for a minimum of 5 years.	
		11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	5.2	Throughout	Monitor and record grain received
			5.3	Grain Dried	Monitor and record the amount of dried grain
AA-001 AA-002 AA-005 AA-006 AA-007 AA-008 CD-001 CD-002	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.4	Opacity	Visual observation requirements	
CD-001 CD-002	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10), and 40 CFR 60.303(b) and (c), Subpart DD	5.5	PM (filterable)	Performance testing requirements	
		11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.6	Pressure Drop	Maintain pressure drop devices
			5.7		Monitor and record pressure drop
		5.8	Operational Data	Maintain operating records	
AB-001 AB-002	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.9	Fuel Usage	Monitor and record fuel usage	

5.1 The permittee shall retain all required records, monitoring data, supporting information and reports 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 or other data for continuous monitoring instrumentation, and copies of all reports required by this permit. Copies of such records shall be submitted to the DEQ as required by Applicable Rules and Regulations or this permit upon request.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.9.)

5.2 For Emission Point AA-000, the permittee shall monitor the amount of grain received on a monthly basis (tons/month) and maintain sufficient records which document the rolling 12-month totals.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).)

- 5.3 For Emission Point AA-000, the permittee shall monitor and record the amount of grain dried in tons per month and maintain sufficient records which document the rolling 12-month totals.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).)

- 5.4 For Emission Points AA-001, AA-002, AA-005, AA-006, AA-007, AA-008, CD-001, and CD-002, the permittee shall conduct a visual observation using EPA Test Method 22 on a weekly basis while receiving/loading grain. The results from each observation shall be recorded and all records shall be maintained onsite. If no receiving or loading of grain has taken place within the weekly time frame, such shall be noted.

In the event emissions are observed during one of the weekly observations, the permittee shall have a certified observer conduct a Visible Emissions Evaluation (VEE) in accordance with EPA Test Method 9 and the procedures contained in 40 CFR 60.11 to determine the opacity.

If the results of the VEE are determined to be greater than the opacity limitations required in Section 3, then the respective process shall be shut down until such time that the process is fully operational and consistent with the opacity limitations set forth in 40 CFR 60, Subpart DD. Once corrective actions have been made, the permittee shall complete a VEE to verify compliance with the permitted opacity limit.

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

- 5.5 For Emission Points CD-001 and CD-002, the permittee shall demonstrate compliance with the 40 CFR 60, Subpart DD PM standards by conducting performance tests biennially not to exceed 25 months from the previous test and in accordance with the following:

- (a) EPA Test Method 5 shall be used to determine the particulate matter concentration and the volumetric flow rate of the effluent gas. The sampling time and sample volume for each run shall be at least 60 minutes and 1.70 dscm (60 dscf). The probe and filter holder shall be operated without heaters. As an alternative, the permittee may use EPA Test Method 17.
- (b) EPA Test Method 2 shall be used to determine the ventilation volumetric flow rate.
- (c) EPA Test Method 9 and the procedures in 40 CFR 60.11 shall be used to determine opacity.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)., and 40 CFR 60.303(b) and (c), Subpart DD)

- 5.6 For Emission Points CD-001 and CD-002, the permittee shall maintain measuring devices to continuously monitor and/or measure the pressure drop across each baghouse system.

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

- 5.7 For Emission Points CD-001 and CD-002, the permittee shall ensure compliance as follows:

- (a) Read and record in log form the pressure drop measurements daily while the control device is in use.
- (b) Maintain a log of maintenance performed on each baghouse and pressure drop measurement system, which shall list the date, the maintenance performed, and the reason for the maintenance.

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

- 5.8 For Emission Points CD-001 and CD-002, the permittee shall keep records of any events where a baghouse was non-operational and whether the process was running or shutdown. These records should include, at a minimum, the duration the baghouse was non-operational, the reason the baghouse was non-operational, how long the process operated while the baghouse was non-operational, and what corrective actions were taken to return the baghouse to normal operation.

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

- 5.9 For Emission Points AB-001 and AB-002, the permittee shall monitor and record the amount and type of fuel(s) burned each month.

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

SECTION 6 REPORTING REQUIREMENTS

Emission Point	Applicable Requirement	Condition Number(s)	Reporting Requirement
Facility-Wide	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.1	Report permit deviations within five (5) working days.
		6.2	Submit certified annual monitoring report.
		6.3	All documents submitted to the DEQ shall be certified by a Responsible Official.
		6.4	Reporting requirements
CD-001 CD-002	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.5	Performance test reporting requirements

6.1 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) working days of the time the deviation began.

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

6.2 Except as otherwise specified herein, the permittee shall submit a certified annual synthetic minor monitoring report postmarked no later than 31st of January for the preceding calendar year. This report shall address any required monitoring specified in the permit. All instances of deviations from permit requirements must be clearly identified in the report. Where no monitoring data is required to be reported and/or there are no deviations to report, the report shall contain the appropriate negative declaration.

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

6.3 Any document required by this permit to be submitted to the DEQ shall contain a certification signed by a responsible official stating 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. 2.2.B(11).)

6.4 For Emission Point AA-000, the permittee shall submit the following information in the annual report required in Condition 6.2:

(a) The total facility PM, PM₁₀, and PM_{2.5} emission rates in tons per year for each month along with each rolling 12-month total. This information shall include a description of the method(s) used to determine the total facility emission rates. The permittee shall use actual performance test data, if available, and actual

production and/or actual operating hours to demonstrate compliance with the long-term emission limits. If performance test data is not available, EPA or industry-approved emission factors may be used;

- (b) The total amount of grain received during the year;
- (c) The amount of grain dried during the year;
- (d) The type and amount of fuel(s) combusted during the year; and
- (e) A summary of the results from any VEE completed as a result of emissions being observed during the required weekly visual observations for each affected emission point during the year.
- (f) Any corrective actions taken as a result of an opacity limitation exceedance.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).)

6.5 For Emission Points CD-001 and CD-002, the permittee shall submit the following information for all performance tests:

- (a) 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 DEQ. After the first successful submittal of a written test protocol in conjunction with a performance test, the permittee may request that the resubmittal of a testing protocol be waived for subsequent testing by certifying in writing at least sixty (60) days prior to the scheduled test that all conditions for testing remain unchanged such that the original protocol can and will be followed.

If the permittee intends to propose an alternative test method not previously approved by the EPA, a cover letter indicating such much be attached and submitted with the test protocol.

- (b) A notification about the testing event shall be submitted at least ten (10) days prior to the scheduled test date(s) so that an observer may be afforded the opportunity to witness the test.
- (c) The test results from each performance test shall be submitted to the DEQ no later than sixty (60) days after completion of the test.
- (d) The permittee shall notify the DEQ if a performance test must be rescheduled or aborted and such notice shall include the reason for having to do so.

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