

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

PERMIT

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

THIS CERTIFIES THAT

Omega Protein, Inc
5735 Elder Ferry Road
Moss Point, Mississippi
Jackson 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

Krystal Rudolph

AUTHORIZED SIGNATURE

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Issued: May 10, 2019

Permit No.: 1280-00030

**Modified: March 10, 2021
May 10, 2022**

Effective Date: As specified herein.

Expires: April 30, 2024

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	Facility Reference	Description
AA-011	-----	106 MMBTU/hr Natural Gas-fired Boiler
AA-012	T-14	153,000 gallon #2 Diesel Fuel Oil Storage tank
AA-013	-----	Common Vent Stack
AA-014	T-30	460 gallon Gasoline Storage Tank
AA-015	T-31	980 gallon #2 Diesel Fuel Oil Storage Tank
AA-016	T-11	509,000 gallon Fish Oil Storage Tank
AA-017	T-17	1,850 gallon Hydraulic Oil Storage Tank
AA-018	T-18	2,166 gallon Lube Oil Storage Tank
AA-019	T-19	11,923 gallon Used Oil Storage Tank
AA-020	T-3	308,350 gallon Fish Oil Storage Tank
AA-021	T-5	9,057 gallon Fish Oil Storage Tank
AA-022	T-6	8,714 gallon Fish Oil Storage Tank
AA-023	T-16	509,000 gallon Fish Oil Storage Tank
AA-024	-----	25 ton/hr Cooker #1
AA-025	-----	25 ton/hr Cooker #2
AA-026	-----	25 ton/hr Cooker #3
AA-027	T-20B	12,000 gallon Net Dip Storage Tank
AA-029	01-15-VAT	Net Dipping Vat Coats fishing nets with Asphalt Cutback solution and Mineral Spirits
AA-030	02-15-CS	Salmonella Inhibitor Spraying Reduces salmonella and mold growth on fish stockpiles
AA-031	07-15-DS	Deodorizer Spraying Minimize stack odor
AA-032	T-24 06-15-MSST-V	9,500 gallons Mineral Spirits Storage Tank
AA-034	04-15-DRY-BS	90 MMBTU/hr Natural Gas-fired Secondary Dryer
AA-036	T-1	20,304 gallon Concentrated Fish Solubles
AA-037	T-2	308,350 gallon Omega Grow (concentrated fish solubles)
AA-038	T-4	300,000 gallon Stick Water

Emission Point	Facility Reference	Description
AA-039	T-7	20,304 gallon Concentrated Fish Solubles
AA-040	T-9	5,208 gallon Concentrated Fish Solubles
AA-041	T-26	9,408 gallon Omega Grow (concentrated fish solubles)
AA-042	T-27	9,408 gallon Omega Grow (concentrated fish solubles)
AA-043	T28	11,000 gallon Bilge Water
AA-044	T-32	10,000 gallon Fish Oil
AA-045	T-33	10,000 gallon Fish Oil
AA-046	-----	58,750 gallon Bail Water
AA-047	-----	36,000 gallon Bail Water
AA-048	-----	Ammonia Stripper Lowers content of ammonia in wastewater stream from the evaporators
AA-049	-----	Number 2 Meal Cooler controlled by baghouse
AA-050	-----	35 ton/hr Cooker #4
AA-051	-----	Evaporative Condenser
AA-052	-----	Evaporative Condenser
AA-053	T-34	500,000 gallon Fish Oil Storage Tank Maximum True Vapor Pressure less than 3.5 kPa

Emission Point AA-013 – Common Vent Stack

The Common Vent Stack receives emissions from the following emission points, and vents the emissions to the atmosphere.

Emission Point	Facility Reference	Description
AA-003	-----	73.3 MMBTU/hr Natural Gas-fired Boiler
AA-033	05-15-DRYER	Primary Dryer Vent

Emission Point AA-033 – Primary Dryer Vent

The Primary Dryer Vent receives emissions from the following emission points, and vents the emissions to AA-013.

Emission Point	Facility Reference	Description
AA-004	-----	16.5 MMBTU/hr Natural Gas-fired Dryer controlled by cyclone
AA-005	-----	15.2 MMBTU/hr Natural Gas-fired Dryer controlled by cyclone
AA-006	-----	16.5 MMBTU/hr Natural Gas-fired Dryer controlled by cyclone
AA-007	-----	16.0 MMBTU/hr Natural Gas-fired Dryer controlled by cyclone

SECTION 3. EMISSION LIMITATIONS AND STANDARDS

Emission Point	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Limitation/Standard
Facility-Wide	11 Miss. Admin. Code Pt. 2, R. 1.3.A.	3.1	Smoke	Opacity shall not exceed 40%
	11 Miss. Admin. Code Pt. 2, R. 1.3.B.	3.2		
	11 Miss. Admin. Code Pt. 2, R. 1.3.C.	3.3	Dust Fumes Gases	Good Air Pollution Control Practices
	11 Miss. Admin. Code Pt. 2, R. 1.3.F(1).	3.4	PM (Filterable Only)	Emissions shall not exceed $E = 4.1 p^{0.67}$
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	3.5	VOC	Emissions shall not exceed 99.0 tpy.
		3.6	Operational Hours	Shall not exceed 3,000 hours.
AA-003 AA-004 AA-005 AA-006 AA-007 AA-011 AA-034	11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(b).	3.7	PM (Filterable Only)	Emissions shall not exceed $E = 0.8808 * I^{-0.1667}$
	11 Miss. Admin. Code Pt. 2, R. 1.4.A(1).	3.8	SO ₂	Emissions shall not exceed 4.8 lbs/MMBtu
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	3.9	Fuel Requirements	Shall combust only natural gas.
AA-003 AA-011	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	3.10	Operational Hours	Operational Requirement
AA-023 AA-024 AA-025 AA-050	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	3.11	Production	Shall not exceed 255,000 tpy.
AA-030	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	3.12	VOC	Operational Requirement
AA-031	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	3.13	VOC	Operational Requirement

3.1 For the entire facility, 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 40 percent opacity subject to the exceptions provided in (a) and (b).

(a) Startup operations may produce emissions which exceed 40 percent opacity for up to 15 minutes per startup in any one hour and not to exceed three startups per stack in any 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-hour period does not exceed ten minutes per billion BTU gross heating value of fuel in any one hour.

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

3.2 For the entire facility, 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 percent opacity, equivalent to that provided in Condition 3.1. This shall not apply to vision obscuration caused by uncombined water droplets.

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

3.3 For the entire facility, the permittee shall not cause, permit, or allow the emission of particles or any contaminants in sufficient amounts or of such duration from any process as to be injurious to humans, animals, plants, or property, or to be a public nuisance, or create a condition of air pollution.

The permittee shall not cause or permit the handling, transporting, or storage of any material in a manner which allows or may allow unnecessary amounts of particulate matter to become airborne.

When dust, fumes, gases, mist, odorous matter, vapors, or any combination thereof escape from a building or equipment in such a manner and amount as to cause a

nuisance to property other than that from which it originated or to violate any other provision of 11 Miss. Admin. Code Pt. 2, Ch. 1, the Commission may order such corrected in a way that all air and gases or air and gasborne material leaving the building or equipment are controlled or removed prior to discharge to the open air.

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

- 3.4 For the entire facility, the permittee shall not allow the emission of particulate matter in total quantities in any one hour from any manufacturing process, which includes any associated stacks, vents, outlets or combination thereof, to exceed the amount determined by the relationship

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

where E is the emission rate in pounds per hour (lb/hr) and p is the process weight input rate in tons per year (tpy).

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 the entire facility, the permittee shall limit volatile organic compound (VOC) emissions to 99.0 tons per year (tpy), as determined on a monthly basis and for each consecutive 12-month period on a rolling basis. Emissions shall be calculated using, but not limited to, hours of operation, production, solution sprayed, etc.

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

- 3.6 Except as otherwise provided herein, operation of the entire facility shall not exceed 3,000 hours per year. The permittee shall determine hours of operation on a monthly basis and for each consecutive 12-month period on a rolling basis.

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

- 3.7 For Emission Points AA-003, AA-004, AA-005, AA-006, AA-007, AA-011, and AA-034, the maximum permissible emission of ash and/or particulate matter from fossil fuel burning installations of equal to or greater than 10 MMBtu/hr hear input but less than

10,000 MMBtu/hr heat input shall not exceed an emission rate a determined by the relationship

$$E = 0.8808 * I^{0.1667}$$

where E is the emission rate in pound per MMBtu/hr 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).)

- 3.8 For Emission Points AA-003, AA-004, AA-005, AA-006, AA-007, AA-011, and AA-034, the permittee shall not discharge sulfur oxides from any fuel burning installation in which fuel is burned primarily to produce heat or power by indirect heat transfer in excess of 4.8 pounds (measured as sulfur dioxide) per million BTU heat input.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.4.A(1).)

- 3.9 For Emission Points AA-003, AA-004, AA-005, AA-006, AA-007, AA-011, and AA-034, the permittee shall only combust natural gas. Fuel usage shall be determined by, but not limited to, fuel supplier records, natural gas meter, fuel receipts, etc.

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

- 3.10 For Emission Points AA-003 and AA-011, the permittee shall allow additional hours of operation. Emission Point AA-003 shall not exceed 3,400 hours of operation per year. Emission Point AA-011 shall not exceed 3,800 hours of operation per year. The permittee shall determine hours of operation on a monthly basis and for each consecutive 12-month period on a rolling basis.

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

- 3.11 For Emission Points AA-023, AA-024, AA-025, and AA-050, the permittee shall limit the weight of fish processed to 255,000 tons per year, as determined for each consecutive 12-month period of a rolling basis.

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

3.12 For Emission Point AA-030, the permittee shall limit the solution sprayed to no more than 7,085 gallons per year, as determined for each consecutive 12-month period of a rolling basis.

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

3.13 For Emission Point AA-031, the permittee shall limit the solution sprayed to no more than 2,880 gallons per year, as determined for each consecutive 12-month rolling total.

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

SECTION 4. WORK PRACTICES

Emission Point	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Work Practice
AA-004 AA-005 AA-006 AA-007 AA-049	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	4.1	VOCs	Operational Requirement
AA-029	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	4.2	VOCs	Operational Requirement

4.1 For Emission Points AA-004, AA-005, AA-006, AA-007, and AA-049, the permittee shall operate the control devices at all times when processing. Should the control devices become nonoperational then the respective process shall be shutdown immediately, but not as to cause damage to equipment or property or cause further environmental problems. The process shall not startup until such time that the control devices become operational. The permittee shall maintain on hand at all times sufficient equipment as is necessary to repair and/or overhaul the pollution control equipment.

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

4.2 For Emission Point AA-029, the permittee shall keep the emission point closed when not in use.

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

SECTION 5. MONITORING AND RECORDKEEPING REQUIREMENTS

Emission Point	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Monitoring/Recordkeeping Requirement
Facility-Wide	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.1	VOC	Monitor and Record Emissions
		5.2	Operational Hours	Recordkeeping Requirement
	11 Miss. Admin. Code Pt. 2, R. 2.9.	5.3	Recordkeeping	Maintain records for a minimum of 5 years.
AA-003 AA-011	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.4	Operational Hours	Recordkeeping Requirement
AA-003 AA-004 AA-005 AA-006 AA-007 AA-011 AA-034	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.5	Fuel Usage	Keep record of natural gas combustion.
AA-004 AA-005 AA-006 AA-007 AA-049	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.6	Recordkeeping	Routine Maintenance Inspections
AA-011 AA-013 AA-034	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.7	PM/PM ₁₀ CO NO _x VOCs	Stack Testing Requirement
		5.8		Develop Emission Factors Requirement
AA-023 AA-024 AA-025 AA-050	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.9	Production	Recordkeeping Requirement
AA-029	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.10	VOCs	Recordkeeping Requirement
AA-030 AA-031	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.11	VOCs	Recordkeeping Requirement

5.1 For the entire facility, the permittee shall demonstrate compliance with Condition 3.5 by keeping a record of calculated VOC emissions (tpy) on a monthly basis and for each 12-month period on a rolling basis.

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

5.2 For the entire facility, the permittee shall demonstrate compliance with Condition 3.6 by keeping a record of the hours operated on a monthly basis and for each 12-month period on a rolling basis.

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

5.3 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 DEQ as required by Applicable Rules and Regulations or this permit upon request.

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

5.4 For Emission Points AA-003 and AA-011, the permittee shall demonstrate compliance with Condition 3.9 by keeping a record of the hours operated per month for each emission point. The records shall be kept for each consecutive 12-month period on a rolling basis.

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

5.5 For Emission Points AA-003, AA-004, AA-005, AA-006, AA-007, AA-011, and AA-034, the permittee shall record and maintain records of the amount of natural gas combusted during each calendar month. Fuel usage shall be determined by, but not limited to, fuel supplier records, natural gas meter, fuel receipts, etc.

5.6 For Emission Points AA-004, AA-005, AA-006, AA-007, and AA-49, the permittee shall perform routine maintenance inspections on all control devices and air emission equipment on a weekly basis to make sure it is operating as designed. A record

documenting the date of the inspections, the name of the person who performs the inspections, and any maintenance conducted shall be kept at the facility and be made available to DEQ upon request.

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

- 5.7 For Emission Point AA-011, AA-013, and AA-034 the permittee shall conduct an initial stack test within 60 days of startup for PM, PM₁₀, CO, NO_x, and VOC emissions.

Stack testing shall be performed during periods when the relevant process area is operating at or near the capacity provided in the permit application. Subsequent stack testing shall be performed once every five years. Stack testing shall be performed using EPA Reference Methods 1-5, 7, 10, and 25, and/or other EPA approved equivalent methods, and shall satisfy all compliance testing requirements of 11 Miss. Admin. Code Pt. 2, R. 2.4.

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

- 5.8 For Emission Point AA-011, AA-013, and AA-034, the permittee shall develop emissions factors for PM, PM₁₀, CO, NO_x, and VOC from the most recent stack test. The emission factors developed from the stack test shall be used to calculate emissions.

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

- 5.9 For Emission Points AA-023, AA-024, AA-025, and AA-050, the permittee shall demonstrate compliance with Condition 3.10 by keeping a record of the weight of fish, in tons, processed each month for each consecutive 12-month period on a rolling basis.

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

- 5.10 For Emission Point AA-029, the permittee shall demonstrate compliance with Condition 4.2 by inspecting the vat daily when in use and keeping a log of the date, time, and personnel performing the inspection. The log shall indicate any time that the vat is open while not in use, which is considered a deviation from Condition 4.2.

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

5.11 For Emission Points AA-030 and AA-031, the permittee shall demonstrate compliance with Conditions 3.11 and 3.12 by keeping a record of the Safety Data Sheet for each solution used and gallons of solution sprayed each calendar month for each consecutive 12-month period on a rolling basis.

(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 MDEQ shall be certified by a Responsible Official.
AA-011 AA-013 AA-034	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.4	Submit Stack Test Report(s)

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 Conditions 5.1, 5.4, 5.8, 5.9, and 5.10. 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 Points AA-011, AA-013, and AA-034, the permittee shall submit a stack test report for PM, PM₁₀, CO, NO_x, and VOC emissions 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 30 days prior to the intended test date(s) to ensure that all test methods and procedures are acceptable to DEQ. Also, the permittee shall notify DEQ in writing at least 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 30 days prior to subsequent testing that all conditions for testing remain unchanged such that the original protocol can and will be followed.

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