



**State of Mississippi**



**FEDERALLY ENFORCEABLE AIR POLLUTION CONTROL PERMIT**

**Permit to Operate Air Emissions Equipment at a Synthetic Minor Source**

**THIS CERTIFIES**

**Marshall Durbin  
261 Marshall Durbin Drive  
Waynesboro, MS  
Wayne 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. set., 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**

---

**Mississippi Department of Environmental Quality**

Issued/Modified: MAY 29 2012

Expires: APR 30 2017

Permit No. 2840-00020

Agency Interest # 7703

## Table of Contents

Subject Item Inventory.....	i
Facility Requirements.....	1
General Information.....	A-1
Other Relevant Documents:	

## Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Marshall Durbin  
 Subject Item Inventory  
 Permit Number:2840-00020  
 Activity ID No.: PER20110001

### Subject Item Inventory:

ID	Designation	Description
AI7703	2840-00020	Poultry Feedmill
AREA1	AA-005	100 TPH Feedmill Ingredient Receiving Operations
EQPT1	AA-001	25 TPH Grain Dryer w/ 5.81MMBtu/hr gas-fired burner
EQPT2	AA-002	55 TPH Pellet Cooling System w/ 3 cyclones
EQPT3	AA-003	250 TPH Grain Elevator Dust System w/ baghouse
EQPT4	AA-004	60 TPH Hammermills w/ cyclone
EQPT5	AA-006	12.6 MMBtu/Hr gas/oil-fired Boiler
EQPT6	AA-007	8000 gallon Fuel Oil Storage Tank
EQPT7	AA-008	20 TPH Salt Storage Bin

#### KEY

ACT = Activity

AREA = Area

CONT = Control Device

IA = Insignificant Activity

RPNT = Release Point

AI = Agency Interest

CAFO = Concentrated Animal Feeding Operation

EQPT = Equipment

MAFO = Animal Feeding Operation

TRMT = Treatment

**Permit to Operate Air Emissions Equipment at a Synthetic Minor Source**

Marshall Durbin

Subject Item Inventory

Permit Number:2840-00020

Activity ID No.: PER20110001

**KEY**

TRMT = Treatment

## Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Marshall Durbin  
Facility Requirements  
Permit Number:2840-00020  
Activity ID No.: PER20110001

Page 1 of 14

### AI0000007703 (2840-00020) Poultry Feedmill:

#### Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Particulate Matter	<p>Particulate Matter: PM / PM10 / PM2.5:</p> <p>For the entire facility, the permittee shall limit the facility's Particulate Matter (PM / PM10 / PM2.5) emissions to no more than 99.0 tons/year (TPY) as determined for each consecutive 12-month period. [APC-S-2 II.B(10)]</p>
L-2	Particulate Matter	<p>Particulate Matter:</p> <p>For the entire facility, 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. [APC-S-1 3.4(a)(1)]</p>
L-3	Particulate Matter	<p>Particulate Matter:</p> <p>For the entire facility, the maximum permissible emission of ash and/or particulate matter from fossil fuel burning installations shall be limited as follows:</p> <p>Emissions from installations equal to or greater than 10 million BTU per hour heat input but less than 10,000 million BTU per hour heat input shall not exceed an emission rate as determined by the relationship</p> $E = 0.8808 * I^{-0.1667}$ <p>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. [APC-S-1 3.4(a)2]</p>

# Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Marshall Durbin  
Facility Requirements  
Permit Number:2840-00020  
Activity ID No.: PER20110001

## AI0000007703 (continued):

### Limitation Requirements:

Condition No.	Parameter	Condition
L-4	Particulate Matter	<p>Particulate Matter:</p> <p>For the entire facility, the permittee shall not cause or 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</p> $E = 4.1 p 0.67$ <p>where E is the emission rate in pounds per hour and p is the process weight input rate in tons per hour.</p> <p>Conveyor discharge of coarse solid matter may be allowed if no nuisance is created beyond the property boundary where the discharge occurs. [APC-S-1 3.6(a)]</p>
L-5	Opacity	<p>Opacity:</p> <p>For the entire facility, the permittee shall not cause 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 percent opacity. Startup operations may produce emissions which exceed 40% opacity for up to fifteen minutes per startup in any one hour and not to exceed three startups per stack in any twenty-four hour period. [APC-S-1 3.1]</p>
L-6	Sulfur Dioxide	<p>Sulfur Dioxide:</p> <p>For the entire facility, 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. [APC-S-1 4.1(a)]</p>
L-7	Fuel Combusted	<p>Fuel Combusted:</p> <p>For Emission Point AA-001, the permittee shall only burn Natural Gas. [APC-S-2 II.B(10)]</p>

## Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Marshall Durbin  
Facility Requirements  
Permit Number:2840-00020  
Activity ID No.: PER20110001

Page 3 of 14

### AI0000007703 (continued):

#### Limitation Requirements:

Condition No.	Parameter	Condition
L-8	Fuel Combusted	Fuel Combusted:  For Emission Point AA-006, the permittee shall only combust natural gas and/or distillate fuel oil. [APC-S-2 II.B(10)]
L-9		The permittee must operate the control device(s) at all times when processing. Should the control device(s) become non-operational 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 device(s) becomes operational. [APC-S-2 II.B(10)]
L-10		The permittee shall not combust fuel oil containing greater than 0.5% sulfur by weight. The fuel oil sulfur limits apply at all times, including periods of startup, shutdown, and malfunction. [40 CFR 60.42c(d and i)]
L-11		Compliance with the fuel oil sulfur limits shall be determined based on a certification from the fuel supplier. [40 CFR 60.42c(h), 40 CFR 60.44c(h)]
L-12		In all areas of the affected source where materials containing chromium or manganese are stored, used, or handled, the permittee must at all times maintain and operate all process equipment in accordance with manufacturer's specifications and in a manner to minimize dust creation and perform housekeeping measures to minimize excess dust. These measures must include, but are not limited to:  (1) use either an industrial vacuum system or manual sweeping to reduce the amount of dust; (2) at least once per month, remove dust from walls, ledges, and equipment using low pressure air or by other means, and then sweep or vacuum the area; (3) keep exterior doors in the immediate affected areas shut except during normal ingress and egress, as practicable. This paragraph (3) does not apply to areas where finished product is stored in closed containers, and no other materials containing chromium or manganese are present. [40 CFR 63.11621(a)]
L-13		The permittee must at all times store any raw materials containing chromium or manganese in closed containers. [40 CFR 63.11621(b)]

## Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Marshall Durbin  
Facility Requirements  
Permit Number:2840-00020  
Activity ID No.: PER20110001

Page 4 of 14

### AI0000007703 (continued):

#### Limitation Requirements:

Condition No.	Parameter	Condition
L-14		The mixer where materials containing chromium or manganese are added must be covered at all times when mixing is occurring, except when the materials are being added to the mixer. Materials containing chromium or manganese must be added to the mixer in a manner that minimizes emissions. [40 CFR 63.11621(c)]
L-15		<p>For the bulk loading process where materials containing chromium or manganese are loaded into trucks or railcars, the permittee must at all times lessen fugitive emissions by reducing the distance between the loadout spout and the vehicle being loaded by either (1) or (2) below:</p> <p>(1) Use a device of any kind at the bulk loadout spout that minimizes the distance to the vehicle being loaded. (2) Use any other means to minimize the distance between the loadout spout and the vehicle being loaded. [40 CFR 63.11621(d)]</p>
L-16		For the pelleting operations, the permittee must capture emissions and route them to a cyclone. The cyclone must be maintained in accordance with good air pollution control practices and manufacturer's specifications and operating instructions, if available. If manufacturer's specifications and operating instructions are not available, you must develop and follow standard operating procedures that ensure proper operation and maintenance of the cyclone. [40 CFR 63.11621(f)]

## Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Marshall Durbin  
Facility Requirements  
Permit Number:2840-00020  
Activity ID No.: PER20110001

Page 5 of 14

### AI0000007703 (continued):

#### Monitoring Requirements:

Condition No.	Parameter	Condition
M-1	Particulate Matter	<p>Particulate Matter:</p> <p>For Emission Point AA-002 (55 TPH Pellet Cooling System w/ 3 cyclones), once every five years the permittee shall perform a stack test of the vent stream past the control device(s) for the purpose of determining the emission rate of particulate matter (PM / PM10 / PM2.5) when the facility is operating at, or near, full production rate. The stack test shall be performed approximately 9 months prior to the permit expiration date so that the results of the stack test can be considered during the reissuance of the permit. Facility PM, PM10 and PM2.5, emissions shall be determined by EPA Test Methods 201 or 201A in conjunction with Method 202, 40 CFR 51, Appendix M. [APC-S-2 II.B(10)]</p>
M-2		<p>For the entire facility, 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 MDEQ upon request. [APC-S-2 II.B(10)]</p>
M-3		<p>The permittee must perform monthly inspections of each device identified in Condition L-15 of this permit to ensure it is in proper working condition and record the results of these inspections. [40 CFR 63.11622(a)]</p>
M-4		<p>The permittee must perform a weekly visual inspection of the operating cyclone identified in Condition L-16 of this permit to ensure it is operating consistent with good air pollution control practices. The permittee must also perform quarterly inspections of the cyclone for corrosion, erosion, or any other damage that could result in air in-leakage, and record the results of these inspections. [40 CFR 63.11622(b)(1), 40 CFR 63.11622(b)(3)]</p>

#### Record-Keeping Requirements:

Condition No.	Condition
R-1	<p>The permittee shall record and maintain records of the amount of each fuel (including natural gas) combusted during each calendar month. [40 CFR 60.48c(g)(2)]</p>

## Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Marshall Durbin  
Facility Requirements  
Permit Number:2840-00020  
Activity ID No.: PER20110001

Page 6 of 14

### AI0000007703 (continued):

#### Record-Keeping Requirements:

Condition No.	Condition
R-2	<p>The permittee shall record and maintain monthly fuel supplier certification records for the distillate fuel oil that is combusted. The records shall include the following:</p> <ul style="list-style-type: none"><li>(i) The name of the oil supplier;</li><li>(ii) A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in Part 60.41c; and</li><li>(iii) The sulfur content of the oil</li></ul> <p>Fuel supplier certification records are required to be submitted only if distillate fuel oil is combusted during a reporting period. The reporting period for the fuel supplier certification records is each six-month period. These records shall be submitted to MDEQ and shall be postmarked by the 30th day of January and July for the preceding six-month period.</p> <p>In addition to the fuel supplier certification records, the permittee shall also include a certified statement signed by the owner or operator of the facility that the records of fuel supplier certifications submitted represent all of the distillate fuel oil combusted during the reporting period. [40 CFR 60.48c(e and f), 40 CFR 60.48c(d and j)]</p>
R-3	<p>The permittee must keep a copy of all documentation supporting any Initial Notification or Notification of Compliance Status as required by 40 CFR Part 63.11624(a) and in accordance with 40 CFR Part 63.10(b)(2)(xiv). [40 CFR 63.11624(c)(1)]</p>
R-4	<p>The permittee must by January 31 of each year, prepare an annual compliance certification report for the previous calendar year containing the information specified in 40 CFR Part 63.11624 (b)(1), (b)(2), (b)(3), and (b)(5). The permittee must keep a copy of each annual compliance certification report. [40 CFR 63.11624(b), 40 CFR 63.11624(c)(2)]</p>
R-5	<p>For each device used to comply with the requirements in Condition L-15 of this permit, the permittee must keep the records of all inspections including the information identified in 40 CFR Part 63.11624(c)(3)(i) through (iii). [40 CFR 63.11624(c)(3)]</p>
R-6	<p>The permittee must keep records of weekly visual inspections of the operating cyclone, required by Condition M-4 of this permit, including a record of any corrective action taken as a result of the inspection. The permittee must also keep records of all quarterly inspections required by Condition M-4 of this permit including the information identified in 40 CFR Part 63.11624 (c)(5)(i)(A) through (C). [40 CFR 63.11624(c)(5)]</p>

## Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Marshall Durbin  
Facility Requirements  
Permit Number:2840-00020  
Activity ID No.: PER20110001

Page 7 of 14

### AI0000007703 (continued):

#### Record-Keeping Requirements:

---

Condition No.	Condition
R-7	The permittee shall retain all required records, monitoring data, supported 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 MDEQ as required by Applicable Rules and Regulations or this permit or upon request. Your records must be in a form suitable and readily available for expeditious review. [APC-S-2 II.IX]
R-8	For Emission Point AA-006, the permittee shall maintain a log of the date, duration (in hours), and amount of fuel oil combusted for each occurrence during the calendar year and shall note the reason that fuel oil was combusted (e.g., maintenance test, natural gas curtailment, etc.). [APC-S-2 II.B(10)]
R-9	The permittee shall maintain records of the calculated particulate matter emissions for each month and each consecutive (or rolling) 12-month period.  When a stack test is performed the permittee shall use the results to report the particulate matter emissions, otherwise the permittee shall calculate the particulate matter emissions. [APC-S-2 II.B(10)]

#### Submittal/Action Requirements:

---

Condition No.	Condition
S-1	For PM, PM10 and PM2.5 emissions, the permittee shall submit the stack test report required by Condition M-1 of this permit not less than one-hundred eighty (180) days prior to the expiration date of the permit. [APC-S-2 II.B(10)]
S-2	For the entire facility, the permittee shall submit a report of the particulate matter emissions for each month and each consecutive (or rolling) 12-month period due annually by the 31st of January. [APC-S-2 II.B(10)]
S-3	The permittee must submit the annual compliance certification report required by Condition R-4 of this permit by January 31 of each year, if the source is in non-compliance. [40 CFR 63.11624(b)(3)]

## Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Marshall Durbin  
Facility Requirements  
Permit Number:2840-00020  
Activity ID No.: PER20110001

Page 8 of 14

### AI0000007703 (continued):

#### Submittal/Action Requirements:

---

Condition No.	Condition
S-4	General Condition: 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. [APC-S-2 II.B(10)]
S-5	Except as otherwise specified herein, the permittee shall Submit a certified annual synthetic minor monitoring report: Due annually, by the 31st of January for preceding calendar year. This report shall address any required monitoring specified in the permit. Also, for Emission Point AA-006, the report shall indicate that either fuel oil was not combusted during the reporting period or if fuel oil was combusted then the log required by Condition R-8 and the report required by Condition R-2 of this permit shall be included in the report. [APC-S-2 II.B(11)]

#### Narrative Requirements:

---

Condition No.	Condition
T-1	The permittee is subject to and shall comply with the applicable requirements of the New Source Performance Standards specified in 40 CFR Part 60, Subpart A (General Provisions). [40 CFR 60.Subpart A]
T-2	The permittee is subject to and shall comply with the applicable requirements of the New Source Performance Standards specified in 40 CFR Part 60, Subpart Dc (Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units) and in 40 CFR Part 60, Subpart A (General Provisions). [40 CFR 60.40c(a)]
T-3	This is facility is subject to and shall comply with the applicable requirements of the National Emission Standards for Hazardous Air Pollutants specified in 40 CFR Part 63, Subpart A (General Provisions). [40 CFR 63.Subpart A]
T-4	Emission Point AA-006, meets the definition of a gas-fired boiler, as defined in 40 CFR 63.11237, and is not subject to the requirements of 40 CFR Part 63, Subpart JJJJJ for Industrial, Commercial, and Institutional Boilers at Area Sources. A Gas-fired boiler includes any boiler that burns gaseous fuels not combined with any solid fuels, burns liquid fuel only during periods of gas curtailment, gas supply emergencies, or periodic testing on liquid fuel. Periodic testing of liquid fuel shall not exceed a combined total of 48 hours during any calendar year. [40 CFR 63.11195, 40 CFR 63.11237]

## Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Marshall Durbin  
Facility Requirements  
Permit Number:2840-00020  
Activity ID No.: PER20110001

Page 9 of 14

### AI0000007703 (continued):

#### Narrative Requirements:

Condition No.	Condition
T-5	This facility is subject to and shall comply with the applicable requirements of the National Emission Standards for Hazardous Air Pollutants for Area Sources specified in 40 CFR Part 63, Subpart DDDDDDD (Prepared Feeds Manufacturing). [40 CFR 63_Subpart DDDDDDD]
T-6	Any activities not identified in the application are not authorized by this permit. [Miss. Code Ann. 49-17-29 1.b]
T-7	<p>This permit does not authorize a modification as defined in Regulation APC-S-2, "Permit Regulations for the Construction and/or Operation of Air Emissions Equipment". A modification requires 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:</p> <ul style="list-style-type: none"><li>a. routine maintenance, repair, and replacement;</li><li>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;</li><li>c. use of an alternative fuel by reason of an order or rule under Section 125 of the Federal Act;</li><li>d. use of an alternative fuel or raw material by a stationary source which:<ul style="list-style-type: none"><li>i) 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</li><li>ii) 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;</li></ul></li><li>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</li><li>f. any change in ownership of the stationary source." [Other]</li></ul>
T-8	General Condition: Any activities not identified in the application are not authorized by this permit. [Miss. Code Ann. 49-17-29 1.b]
T-9	For the entire facility, the permittee shall not cause or allow the emission of toxic, noxious, or deleterious substances, in addition to those considered in these regulations, into the ambient air in concentrations sufficient to affect human health and well-being, or unreasonably interfere with the enjoyment of property or unreasonably and adversely affect plant or animal life beyond the boundaries of the property containing the air pollution source. [APC-S-1 5.2]

## Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Marshall Durbin  
Facility Requirements  
Permit Number:2840-00020  
Activity ID No.: PER20110001

Page 10 of 14

### AI0000007703 (continued):

#### Narrative Requirements:

Condition No.	Condition
T-10	General Condition: The permittee shall at all times maintain in good working order and operate as efficiently as possible all air pollution control facilities or systems installed or used by the permittee to achieve compliance with the terms and conditions of this permit. [APC-S-2 V.A]
T-11	General Condition: 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. [Miss. Code Ann. 49-17-29 1.a(i and ii)]
T-12	General Condition: Any diversion from or bypass of collection and control facilities is prohibited except as provided for in Regulation APC-S-1, "Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants", Section 10. [APC-S-1 Section 10]
T-13	General Condition: 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. [APC-S-2 X]
T-14	General Condition: 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. [Miss. Code Ann. 49-17-21]
T-15	General Condition: 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) 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 any condition that required either a temporary or permanent reduction or elimination of authorized air emissions. [APC-S-2 II.C]
T-16	General Condition: This permit and/or any part thereof may be modified, revoked, reopened, and reissued, or terminated for cause. Sufficient cause for this 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 condition of the permit. [APC-S-2 II.B(15)b]

## Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Marshall Durbin  
Facility Requirements  
Permit Number:2840-00020  
Activity ID No.: PER20110001

Page 11 of 14

### AI0000007703 (continued):

#### Narrative Requirements:

---

Condition No.	Condition
T-17	General Condition: 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. [Miss. Code Ann. 49-17-39]
T-18	General Condition: 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. [APC-S-2 II.B(15)c]
T-19	General Condition: Nothing herein contained shall be construed as releasing the permittee from any liability for damage to persons or property by reason of the installation, maintenance, or operation of the air cleaning facility, or from compliance with the applicable statutes of the State, or with local laws, regulations, or ordinances. [APC-S-2 II.B(7)]
T-20	General Condition: This permit may only be transferred upon approval of the Mississippi Environmental Quality Permit Board. [APC-S-2 XVI.B]
T-21	General Condition: This permit is for air pollution control purposes only. [APC-S-2 I.D(1)]
T-22	General Condition: This permit is a Federally-approved permit to operate a synthetic minor source as described in Regulation APC-S-2, Section IV.D. [APC-S-2 IV.D]
T-23	General Condition: 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. [APC-S-2 I.D(7)]
T-24	General Condition: The permittee shall furnish to MDEQ within a reasonable time any information MDEQ 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 MDEQ copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee shall furnish such records to MDEQ along with a claim of confidentiality. [APC-S-2 II.B(15)d]

## Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Marshall Durbin  
Facility Requirements  
Permit Number:2840-00020  
Activity ID No.: PER20110001

Page 12 of 14

### AI0000007703 (continued):

#### Narrative Requirements:

Condition No.	Condition
T-25	<p>General Condition: This permit does not authorize a modification as defined in APC-S-2, "Permit Regulations for the Construction and/or Operation of Air Emissions Equipment". Modification is defined as "Any physical change in or change in the method of operation of a facility which increases actual emissions or 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:</p> <ul style="list-style-type: none"><li>(a) routine maintenance, repair, and replacement;</li><li>(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;</li><li>(c) use of an alternative fuel by reason of an order or rule under Section 125 of the Federal Act;</li><li>(d) use of an alternative fuel or raw material by a stationary source which: (i) 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 (ii) the source is approved to use under any permit issued under 40 CFR 52.51 or under regulations approved pursuant to 40 CFR 51.166;</li><li>(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 52.51, or under regulations approved pursuant to Subpart I or 40 CFR 51.166; or</li><li>(f) any change in ownership of the stationary source" [APC-S-2 I.D(2)]</li></ul>
T-26	<p>General Condition: 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. [APC-S-2 II.B(15)a]</p>
T-27	<p>General Condition: 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. [APC-S-2 II.B(5)]</p>

## Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Marshall Durbin  
Facility Requirements  
Permit Number:2840-00020  
Activity ID No.: PER20110001

Page 13 of 14

### AI0000007703 (continued):

#### Narrative Requirements:

Condition No.	Condition
T-28	<p>General Condition: Emergencies</p> <p>(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.</p> <p>(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.</p> <p>(c) The affirmative defense of emergency shall be demonstrated through properly signed contemporaneous operating logs, or other relevant evidence as follows: (i) an emergency occurred and that the permittee can identify the cause(s) of the emergency; (ii) the permitted facility was at the time being properly operated; (iii) 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 (iv) the permittee submitted notice of the emergency to MDEQ within two (2) working days of the time when emission limitations were exceeded due to the emergency which contained a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.</p> <p>(d) In any enforcement proceeding, the permittee seeking to establish the occurrence of any emergency has the burden of proof.</p> <p>(e) This provision is in addition to any emergency or upset provision contained in any applicable requirement specified elsewhere herein [APC-S-2 II.B(10)]</p>
T-29	<p>General Condition: Upsets</p> <p>(a) 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 five (5) working days of the time the upset began which contained a description of the upset, any steps taken to mitigate emissions, and corrective actions taken.</p> <p>(b) In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.</p> <p>(c) This provision is in addition to any upset provision contained in any applicable requirement. [APC-S-1 Section 10]</p>

## Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Marshall Durbin  
Facility Requirements  
Permit Number:2840-00020  
Activity ID No.: PER20110001

Page 14 of 14

### AI0000007703 (continued):

#### Narrative Requirements:

Condition No.	Condition
T-30	<p>General Condition: Startups and Shutdowns</p> <p>(a) 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.</p> <p>(b) In any enforcement proceeding, the permittee seeking to establish the applicability of any exception during a startup or shutdown has the burden of proof.</p> <p>(c) In the event this startup and shutdown provision conflicts with another applicable requirement, the more stringent requirement shall apply. [APC-S-1 Section 10]</p>
T-31	<p>General Condition: Maintenance</p> <p>(a) 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 MDEQ within five (5) working days of the time the maintenance began or such other times as allowed by MDEQ, which contained a description of the maintenance, any steps taken to mitigate emissions, and corrective actions taken.</p> <p>(b) In any enforcement proceeding, the permittee seeking to establish the applicability of this section has the burden of proof.</p> <p>(c) In the event this maintenance provision conflicts with another applicable requirement, the more stringent requirement shall apply. [APC-S-1 Section 10]</p>
T-32	<p>General Condition: 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. [APC-S-2 VIII]</p>

## GENERAL INFORMATION

Marshall Durbin  
261 Marshall Durbin Drive  
Waynesboro, MS  
Wayne County

### Alternate/Historic Identifiers

ID	Alternate/Historic Name	User Group	Start Date	End Date
7703	Marshall Durbin	Official Site Name	7/14/1992	
2815300020	Marshall Durbin	Air-AIRS AFS	10/12/2000	
MSD071949168	Marshall Durbin	Hazardous Waste-EPA ID	10/12/2000	
284000020	Marshall Durbin	Air-Synthetic Minor Operating	4/23/1997	4/1/2002
MSR000726	Marshall Durbin	GP-Baseline	7/14/1992	1/11/2004
MSR000726	Marshall Durbin	GP-Baseline	1/12/2004	1/6/2006
MSR000726	Marshall Durbin	GP-Baseline	1/6/2006	1/13/2011
284000020	Marshall Durbin	Air-Synthetic Minor Operating	1/17/2007	12/31/2011
MSR000726	Marshall Durbin	GP-Baseline	1/13/2011	9/28/2015
284000020	Marshall Durbin	Air-Synthetic Minor Operating	5/29/2012	4/30/2017

**Basin:** Pascagoula River Basin

**Location Description:**PG- Plant Entrance (General). Data collected by Micheal Canerdy on 10/27/2005. AI 7703.