



**State of Mississippi**

**AIR POLLUTION CONTROL PERMIT**



**To Construct Air Emissions Equipment**

**THIS CERTIFIES**

**Southern Natural Gas Company LLC, Gwinville Compressor Station  
1064 Sonat Road  
New Hebron, MS  
Jefferson Davis County**

has been granted permission to construct air emissions equipment to comply with the emission limitations, monitoring requirements and other conditions set forth herein. This permit is issued in accordance with the provisions of the Mississippi Air and Water Pollution Control Law (Section 49-17-1 et. seq., Mississippi Code of 1972), and the regulations and standards adopted and promulgated thereunder.

**Mississippi Environmental Quality Permit Board**

---

**Mississippi Department of Environmental Quality**

Issued/Modified: **DEC 28 2012**

Expires:

Permit No. 1340-00006

Agency Interest # 11582

**Table of Contents**

Subject Item Inventory.....i

Facility Requirements.....1

General Information.....A-1

Other Relevant Documents:

## To Construct Air Emissions Equipment

Southern Natural Gas Company LLC, Gwinville Compressor Station

Subject Item Inventory

Permit Number:1340-00006

Activity ID No.: PER20120002

### Subject Item Inventory:

ID	Designation	Description
AI11582	11582	Natural Gas Compressor Station
EQPT1	AA-001E	1,350 hp Cooper Bessemer natrual gas-fired compressor engine (Ref No. 003C-001)
EQPT2	AA-002E	1,350 hp Cooper Bessemer natrual gas-fired compressor engine (Ref No. 003C-002)
EQPT3	AA-003E	1,350 hp Cooper Bessemer natrual gas-fired compressor engine (Ref No. 003C-003)
EQPT4	AA-004E	1,350 hp Cooper Bessemer natrual gas-fired compressor engine (Ref No. 003C-004)
EQPT5	AA-005E	1,350 hp Cooper Bessemer natrual gas-fired compressor engine (Ref No. 003C-005)
EQPT6	AA-006E	1,350 hp Cooper Bessemer natrual gas-fired compressor engine (Ref No. 003C-006)
EQPT7	AA-007E	1,350 hp Cooper Bessemer natrual gas-fired compressor engine (Ref No. 003C-007)
EQPT8	AA-008E	3400 hp Cooper Bessemer natrual gas-fired compressor engine (Ref No. 003C-008)
EQPT9	AA-009E	306 hp Ingersoll Rand natural gas-fired emergency generator ((Ref No. 002G-002)
EQPT10	AA-010E	1,080 hp Solar Satrun natural gas-fired turbine (Ref No. 005C-010)
EQPT11	AA-011E	306 hp Ingersoll Rand natural gas-fired emergency generator (Ref No. 002G-003)
EQPT12	AA-012E	4,390 hp Solar Centaur natural gas-fired compressor turbine (Ref No. 004C-012)
EQPT13	AA-013	10,310 hp Solar Taurus 70 Natural Gas Fired Compressor Turbine (EPN AA-013)
EQPT14	AA-014	0.25 MMBTU/hr Fuel Gas Heater

### Receiving Stream Relationships:

Subject Item	Relationship	Receiving Stream
AI 11582 Natural Gas Compressor Station	Discharges Into	East Prong Silver Creek

## To Construct Air Emissions Equipment

Southern Natural Gas Company LLC, Gwinville Compressor Station

Subject Item Inventory

Permit Number:1340-00006

Activity ID No.: PER20120002

Subject Item	Relationship	Receiving Stream
AI 11582 Natural Gas Compressor Station	Then Into	Silver Creek

### **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

**To Construct Air Emissions Equipment**  
Southern Natural Gas Company LLC, Gwinville Compressor Station  
Facility Requirements  
Permit Number:1340-00006  
Activity ID No.: PER20120002

Page 1 of 4

**AI0000011582 (11582) Natural Gas Compressor Station:**

**Submittal/Action Requirements:**

Condition No.	Condition
S-1	Within fifteen (15) days of beginning actual construction, the permittee must notify DEQ in writing that construction has begun. [APC-S-2 V.C(2)]
S-2	The permittee must notify DEQ in writing when construction does not begin within eighteen (18) months of issuance or if construction is suspended for eighteen (18) months or more. [APC-S-2 V.C(3)]

**Narrative Requirements:**

**General Condition:**

Condition No.	Condition
T-1	General Condition: The stationary source shall be designed and constructed so as to operate without causing a violation of any Applicable Rules and Regulations or this permit, without interfering with the attainment and maintenance of State and National Ambient Air Quality Standards, and such that the emission of air toxics does not result in an ambient concentration sufficient to adversely affect human health and well-being or unreasonably and adversely affect plant or animal life beyond the stationary source boundaries. [APC-S-2 V.A]
T-2	General Condition: Any activities not identified in the application are not authorized by this permit. [Miss. Code Ann. 49_17_29 1.b]
T-3	General Condition: The necessary facilities shall be constructed so that solids removed in the course of control of air emissions may 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]
T-4	General Condition: The air pollution control facilities shall be constructed such that diversion from or bypass of collection and control facilities is not needed 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 10]

**To Construct Air Emissions Equipment**  
Southern Natural Gas Company LLC, Gwinville Compressor Station  
Facility Requirements  
Permit Number:1340-00006  
Activity ID No.: PER20120002

Page 2 of 4

**AI0000011582 (continued):**

**Narrative Requirements:**

**General Condition:**

Condition No.	Condition
T-5	General Condition: The permittee shall allow the Mississippi Environmental Quality Commission, the Mississippi Environmental Quality Permit Board, MDEQ staff 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-6	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 good cause shown including, but not limited to, the following: 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 any condition that requires either a temporary or permanent reduction or elimination of previously authorized air emissions. [APC-S-2 II.C]
T-7	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]
Condition No.	Condition
T-8	General Condition: This permit is for air pollution control purposes only. [APC-S-2 I.D]
T-9	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 operating without a valid permit pursuant to State Law. [APC-S-2 II.B(5)]
T-10	General Condition: It is the responsibility of the applicant/permittee to obtain all other approvals, permits, clearances, easements, agreements, etc., which may be required including, but not limited to, all required local government zoning approvals or permits. [APC-S-2 I.D(6)]
T-11	General Condition: 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. [APC-S-2 II.B(7)]

**To Construct Air Emissions Equipment**  
Southern Natural Gas Company LLC, Gwinville Compressor Station  
Facility Requirements  
Permit Number:1340-00006  
Activity ID No.: PER20120002

Page 3 of 4

**AI0000011582 (continued):**

**Narrative Requirements:**

Condition No.	Condition
T-12	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 the 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]
T-13	General Condition: 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. [APC-S-2 II.B(15)b]
T-14	General Condition: The permit does not convey any property rights of any sort, or any exclusive privilege. [APC-S-2 II.B(15)c]
T-15	General Condition: 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. [APC-S-2 II.B(15)d]
T-16	General Condition: This permit shall not be transferred except upon approval of the Permit Board. [APC-S-2 XVI.B]
T-17	General Condition: The provisions of this permit are severable. If any provision of the permit, or the application of any provision of the 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-18	General Condition: The permit to construct will expire if construction does not begin within eighteen (18) months from the date of issuance or if construction is suspended for eighteen (18) months or more. [APC-S-2 V.C(1)]
T-19	General Condition: A new stationary source issued a Permit to Construct cannot begin operation until certification of construction by the permittee. [APC-S-2 V.D(3)]

## To Construct Air Emissions Equipment

Southern Natural Gas Company LLC, Gwinville Compressor Station

Facility Requirements

Permit Number:1340-00006

Activity ID No.: PER20120002

Page 4 of 4

### AI0000011582 (continued):

#### Narrative Requirements:

Condition No.	Condition
T-20	General Condition: Except as prohibited in APC-S-2, Section V.D.7, after certification of construction by the permittee, the Permit to Construct shall be deemed to satisfy the requirement for a permit to operate until the date the application for issuance or modification of the Title V Permit or the application for issuance or modification of the State Permit to Operate, whichever is applicable, is due. This provision is not applicable to a source excluded from the requirement for a permit to operate as provided by APC-S-2, Section XIII.G. [APC-S-2 V.D(4)]
T-21	General Condition: Except as otherwise specified in APC-S-2, Section V.D.7, the application for issuance or modification of the State Permit to Operate or the Title V Permit, whichever is applicable, is due twelve (12) months after beginning operation or such earlier date or time as specified in the Permit to Construct. The Permit Board may specify an earlier date or time for submittal of the application. Beginning operation will be assumed to occur upon certification of construction, unless the permittee specifies differently in writing. [APC-S-2 V.D(5)]
T-22	General Condition: Except as otherwise specified in APC-S-2, Section V.D.7, upon submittal of a timely and complete application for issuance or modification of a State Permit to Operate or a Title V Permit, whichever is applicable, the applicant may continue to operate under the terms and conditions of the Permit to Construct and in compliance with the submitted application until the Permit Board issues, modifies, or denies the Permit to Operate. [APC-S-2 V.D(6)]
T-23	General Condition: For moderate modifications that require contemporaneous enforceable emissions reductions from more than one emission point in order to net out of PSD/NSR, the applicable Title V Permit to Operate or State Permit to Operate must be modified prior to beginning operation of the modified facilities. [APC-S-2 V.D(7)]
T-24	General Condition: 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. [APC-S-2 VI.B(3, 4 and 6)]
T-25	General Condition: The construction of the stationary source shall be performed in such a manner so as to reduce fugitive dust emissions from construction activities to a minimum. [APC-S-2 V.A(4)]



## GENERAL INFORMATION

Southern Natural Gas Company LLC, Gwinville Compressor Station  
1064 Sonat Road  
New Hebron, MS  
Jefferson Davis County

### Alternate/Historic Identifiers

ID	Alternate/Historic Name	User Group	Start Date	End Date
11582	Southern Natural Gas Company, L.L.C.	Official Site Name	12/19/2012	
2806500006	Southern Natural Gas Co., LLC, Gwinville Compr	Air-AIRS AFS	10/12/2000	
134000006	Southern Natural Gas Company, Gwinville Compressor Station	Air-Title V Operating	11/12/1996	11/1/2001
MS0001872	Southern Natural Gas Company, Gwinville Compressor Station	Water - NPDES	12/28/1973	9/30/1978
MSD980557318	Southern Natural Gas Company, Gwinville Compressor Station	Hazardous Waste-EPA ID	10/20/1999	
134000006	Southern Natural Gas Company, Gwinville Compressor Station	Air-Title V Operating	5/13/2004	4/30/2009
134000006	Southern Natural Gas Company, L.L.C., Gwinville Compressor Station	Air-Title V Fee Customer	11/12/1996	
134000006	Southern Natural Gas Company, Gwinville Compressor Station	Air-Construction	11/14/2008	12/28/2012
MSG130241	Southern Natural Gas Company, Gwinville, Southern Natural Gas Company, Gv	GP-Hydrostatic Testing	12/3/2008	5/18/2010
11582	Gwinville Compressor Station Unit 12 Turbine Building	Air-Notification	2/24/2009	
134000006	Southern Natural Gas Company, Gwinville Compressor Station	Air-Title V Operating	5/1/2009	12/28/2012
11582	Southern Natural Gas Company	Historic Site Name	12/28/1973	12/19/2012
134000006	Southern Natural Gas Company LLC, Gwinville Compressor Station	Air-Title V Operating	12/28/2012	4/30/2014
134000006	Southern Natural Gas Company LLC, Gwinville Compressor Station	Air-Construction	12/28/2012	

**Basin:** Pearl River Basin

**Location Description:**PG - Plant Entrance (General) collected by nsalem on 05/13/2010

## GENERAL INFORMATION

**General Facility Description:** Title V reissuance for a natural gas compressor station