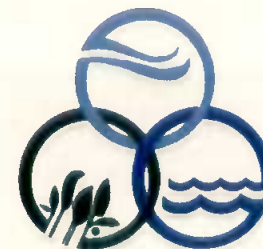




**State of Mississippi**



**AIR POLLUTION CONTROL PERMIT**

**Permit To Construct Air Emissions Equipment**

**THIS CERTIFIES**

**Southeast Supply Header LLC, Dentville Compressor Station**

**13171 Dentville Road**

**Hazlehurst, MS**

**Copiah 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**

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**Mississippi Department of Environmental Quality**

Issued/Modified: **AUG 18 2014**

Expires:

Permit No. 0600-00073

Agency Interest # 65042

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## Permit To Construct Air Emissions Equipment

Southeast Supply Header LLC, Dentville Compressor Station

Subject Item Inventory

Permit Number:0600-00073

Activity ID No.: PER20130001

### Subject Item Inventory:

ID	Designation	Description
AI65042	65042	Natural Gas Transmission
EQPT1	AA-001	8,000 HP Natual Gas Compressor Engine (ENG01) with emissions controlled by oxidation catalyst
EQPT2	AA-002	1,175 HP Natural Gas Emergency Generator (EGEN01)
EQPT4	AA-003	Natural Gas In-line Catalytic Instrument Heater (H01)
EQPT5	AA-004	Natural Gas In-line Catalytic Instrument Heater (H02)
EQPT6	AA-005	Parts Washer (PW01)
EQPT7	AA-006	6,000 Gallon Vertical Fixed Roof Coolant Storage Tank (TK01)
EQPT8	AA-007	6,000 Gallon Horizontal Fixed Roof Oil Storage Tank (TK02)
EQPT9	AA-008	6,000 Gallon Horizontal Fixed Roof Oil Storage Tank (TK03)
EQPT13	AA-009	6,000 Gallon Horizontal Fixed Roof Oil Storage Tank (TK03a)
EQPT10	AA-010	1,777 Gallon Vertical Fixed Roof Pipeline Liquids Storage Tank (TK04)
EQPT11	AA-011	118 Gallon Vertical Fixed Roof Coolant Storage Tank (TK05)
EQPT12	AA-012	118 Gallon Vertical Fixed Roof Oil Storage Tank (TK06)
AREA1	AA-013	Truck Loading Area (TL01-TL03)
AREA2	AA-014	Piping Components (PC)
AREA3	AA-015	Natural Gas Releases (GR)

### Subject Item Groups:

ID	Description	Components
GRPT1	Storage Tanks	EQPT7 6,000 Gallon Vertical Fixed Roof Coolant Storage Tank (TK01)
		EQPT8 6,000 Gallon Horizontal Fixed Roof Oil Storage Tank (TK02)
		EQPT9 6,000 Gallon Horizontal Fixed Roof Oil Storage Tank (TK03)
		EQPT13 6,000 Gallon Horizontal Fixed Roof Oil Storage Tank (TK03a)
		EQPT10 1,777 Gallon Vertical Fixed Roof Pipeline Liquids Storage Tank (TK04)

## Permit To Construct Air Emissions Equipment

Southeast Supply Header LLC, Dentville Compressor Station

Subject Item Inventory

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ID	Description	Components
GRPT1	Storage Tanks	
		EQPT11 118 Gallon Vertical Fixed Roof Coolant Storage Tank (TK05)
		EQPT12 118 Gallon Vertical Fixed Roof Oil Storage Tank (TK06)

### **KEY**

ACT = Activity

AREA = Area

CONT = Control Device

IA = Insignificant Activity

MAFO = Animal Feeding Operation

RPNT = Release Point

WDPT = Withdrawal Point

AI = Agency Interest

CAFO = Concentrated Animal Feeding Operation

EQPT = Equipment

IMPD = Impoundment

PCS = PCS

TRMT = Treatment

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**AI0000065042 (65042) Natural Gas Transmission:**

**Limitation Requirements:**

Condition No.	Parameter	Condition
L-1		The permittee shall use pipeline natural gas only. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

**Monitoring Requirements:**

Condition No.	Parameter	Condition
M-1		The permittee shall maintain the type and quantity of fuel used on a monthly basis. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]

**Submittal/Action Requirements:**

Condition No.	Condition
S-1	General Condition: The permittee shall submit certification of construction: Due within thirty (30) days of completion of construction or installation of an approved stationary source or prior to startup, whichever is earlier. The notification shall certify that construction or installation was performed in accordance with the approved plans and specifications. In the event there is any change in construction from the previously approved plans and specifications or permit, the permittee shall promptly notify MDEQ in writing. If MDEQ determines the changes are substantial, MDEQ may require the submission of a new application to construct with "as built" plans and specifications. Notwithstanding any provision herein to the contrary, the acceptance of an "as built" application shall not constitute a waiver of the right to seek compliance penalties pursuant to State Law. [11 Miss. Admin. Code Pt. 2, R. 2.5.D.]
S-2	Within fifteen (15) days of beginning actual construction, the permittee must notify DEQ in writing that construction has begun. [11 Miss. Admin.Code Pt. 2, R.2.5.C(2).]
S-3	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. [11 Miss. Admin.Code Pt. 2, R.2.5.C(4).]

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**AI0000065042 (continued):**

**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. [11 Miss. Admin.Code Pt. 2, R.2.5.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 11 Miss. Admin. Code Pt.2, R. 1.10 "Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants", Section 10. [11 Miss. Admin. Code Pt. 2, R. 1.10]
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. [11 Miss. Admin.Code Pt. 2, R.2.2.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]

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**AI0000065042 (continued):**

**Narrative Requirements:**

Condition No.	Condition
T-8	General Condition: This permit is for air pollution control purposes only. [11 Miss. Admin.Code Pt. 2, R.2.1.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. [11 Miss. Admin.Code Pt. 2, R.2.2.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. [11 Miss. Admin.Code Pt. 2, R.2.1.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. [11 Miss. Admin.Code Pt. 2, R.2.1.D(7).]
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. [11 Miss. Admin.Code Pt. 2, R.2.2.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. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(b).]
T-14	General Condition: The permit does not convey any property rights of any sort, or any exclusive privilege. [11 Miss. Admin.Code Pt. 2, R.2.2.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. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(d).]
T-16	General Condition: This permit shall not be transferred except upon approval of the Permit Board. [11 Miss. Admin.Code Pt. 2, R.2.16.B.]

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**AI0000065042 (continued):**

**Narrative Requirements:**

Condition No.	Condition
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. [11 Miss. Admin.Code Pt. 2, R.1.1.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. [11 Miss. Admin.Code Pt. 2, R.2.5.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. [11 Miss. Admin.Code Pt. 2, R.2.5.D(3).]
T-20	General Condition: Except as prohibited in 11 Miss. Admin. Code Pt. 2,R. 2.5.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. [11 Miss. Admin. Code Pt. 2, R. 2.5.D(4).]
T-21	General Condition: Except as otherwise specified in 11 Miss. Admin. Code Pt. 2, R. 2.5.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. [11 Miss. Admin. Code Pt. 2, R. 2.5.D(5).]
T-22	General Condition: Except as otherwise specified in 11 Miss. Admin. Code Pt. 2, R. 2.5.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. [11 Miss. Admin. Code Pt. 2, R. 2.5.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. [11 Miss. Admin.Code Pt. 2, R.2.5.D(7).]



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**AI0000065042 (continued):**

**Narrative Requirements:**

Condition No.	Condition
T-24	<p>General Condition: Regarding compliance testing:</p> <p>(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.</p> <p>(b) Compliance testing will be performed at the expense of the permittee.</p> <p>(c) Each emission sampling and analysis report shall include but not be limited to the following:</p> <ol style="list-style-type: none"><li>1. detailed description of testing procedures;</li><li>2. sample calculation(s);</li><li>3. results; and</li><li>4. comparison of results to all Applicable Rules and Regulations and to emission limitations in the permit. [11 Miss. Admin.Code Pt. 2, R.2.6.B(3),(4)&amp;(6).]</li></ol>
T-25	<p>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. [11 Miss. Admin.Code Pt. 2, R.2.5.A(4).]</p>

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**EQPT0000000001 (AA-001) 8,000 HP Natual Gas Compressor Engine (ENG01) with emissions controlled by oxidation catalyst:**

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Carbon Monoxide	Carbon Monoxide: The permittee shall have exhaust emissions of CO less than or equal to 2.0 g/HP-hr or 270 ppmvd at 15% oxygen. [40 CFR 60.4233(Table 1)]
L-2	Carbon Monoxide	Carbon Monoxide: The permittee shall reduce CO emissions by 58% or more, or limit concentration of formaldehyde in the exhaust to 12 ppmvd or less at 15% oxygen. The permittee shall minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not exceed 30 minutes, and shall minimize the engine's time spend at idle during startup. [40 CFR 63.6600(b and)(Table 2a)]
L-3	Particulate Matter	<p>Particulate Matter: The permittee shall not exceed the maximum permissible emission of ash and/or particulate matter 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. [11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)b]</p>
L-4	Nitrogen oxides	Nitrogen oxides: The permittee shall have exhaust emissions of NOx less than or equal to 1.0 g/HP-hr or 82 ppmvd at 15% oxygen. [40 CFR 60.4233(Table 1)]
L-5	Opacity	Opacity: The permittee shall not have emissions of opacity greater than or equal to 40% as determined by EPA Reference Method 9, 40 CFR 60, Appendix A. Startup operations may produce emissions which exceed 40% opacity for up to fifteen (15) minutes per startup in any one (1) hour and not to exceed three (3) startups in any twenty-four (24) hour period. [11 Miss. Admin. Code Pt. 2, R. 1.3.A]
L-6	Sulfur Dioxide	Sulfur Dioxide: The permittee shall not discharge sulfur oxides from any fuel burning installations in which fuel is burned primarily to produce heat of power by indirect heat transfer in excess of 4.8 lb/MMBTU (measured as sulfur dioxide) heat input. [11 Miss. Admin. Code Pt. 2, R. 1.4.A(1)]
L-7	VOC	VOC: The permittee shall have exhaust emissions of VOC less than or equal to 0.7 g/HP-hr or 60 ppmvd at 15% oxygen. [40 CFR 60.4233(Table 1)]

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Southeast Supply Header LLC, Dentville Compressor Station  
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**EQPT0000000001 (continued):**

**Limitation Requirements:**

Condition No.	Parameter	Condition
L-8		The permittee is subject to the New Source Performance Standard for Stationary Spark Ignition Internal Combustion Engines in 40 CFR 60, Subpart JJJJ, and the General Provisions in Subpart A. [40 CFR 60_SUBPART JJJJ]
L-9		The permittee is subject to the National Emission Standards for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines in 40 CFR 63, Subpart ZZZZ and the General Provisions in Subpart A. [40 CFR 63_Subpart ZZZZ]
L-10		The permittee shall operate the compressor engine with emission controlled by the oxidation catalyst with the following control efficiencies: 70% for CO, 52% for VOC, and 45% for HAPs. The permittee shall maintain the catalyst so that the pressure drop across the catalyst does not change by more than 2 inches of water at 100% load $\pm$ 10% from pressure drop across the catalyst that was measured during the initial performance test; and maintain the temperature of the engine so that the catalyst inlet temperature is greater than or equal to 450° F and less than or equal to 1350° F. [40 CFR 63.6600(b and)(Table 2b), 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

**Monitoring Requirements:**

Condition No.	Parameter	Condition
M-1		The permittee shall operate and maintain according to manufacturer's emission related written instructions, keep maintenance records, adjust engine settings only in accordance with manufacturer's instructions, and meet the requirements of 40 CFR 1068, Subparts A through D as they apply, or demonstrate compliance with requirements for a non-certified engine. [40 CFR 60.4243]
M-2		The permittee must prepare a site-specific monitoring plan and install, operate, and maintain a continuous parameter monitoring system (CPMS) according to the plan and the requirements of §63.6625(b)(1) through (6). [40 CFR 63.6625(b)]
M-3		The permittee shall demonstrate continuous compliance by maintaining the 4-hour rolling averages within the operating limitations for the catalyst inlet temperature and measuring the pressure drop across the catalyst once per month. The permittee shall demonstrate that the pressure drop across the catalyst is within the operating limitation established during the performance test. [40 CFR 63.6640]

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**EQPT0000000001 (continued):**

**Record-Keeping Requirements:**

Condition No.	Condition
R-1	The permittee shall keep records of the following: 1) All notifications and supporting documentation submitted to comply with 40 CFR 60, Subpart JJJJ 2) Maintenance performed on the engine 3) If the SI ICE is not certified, or a certified engine is operated in a non-certified manner and is subject to 40 CFR 60.4243(a)(2), documentation that the engine meets the emission standard. [40 CFR 60.4245]
R-2	The permittee shall keeping the following records: 1) Records described in §63.10(b)(2)(vi) through (xi) for CPMS, maintain records of previous versions of the performance evaluations plan as required in §63.8(d)(3), and keep records of requests for alternatives to the relative accuracy test for CPMS as required in §63.8(f)(6)(i), if applicable; 2) Records of semiannual performance test, catalyst inlet temperature data, and records of monthly pressure drop readings; 3) Records of all monitoring data demonstrating that the catalyst achieves the required percent reduction of CO emissions over the 4-hour averaging period.  The records shall be kept form suitable and readily available for expeditious review for five (5) years. [40 CFR 63.6655]

**Submittal/Action Requirements:**

Condition No.	Condition
S-1	The permittee shall demonstrate compliance with 40 CFR 60.4233 by conducting an initial performance test within one (1) year of engine startup and conduct subsequent performance test every 8,760 hours or three (3) years, whichever comes first, thereafter to demonstrate compliance. The permittee shall keep records of maintenance performed on the engine and must keep a maintenance plan in accordance with 40 CFR 60.4243. [40 CFR 60.4244]
S-2	The permittee shall conduct all initial performance test and initial compliance demonstrations for CO in accordance with Table 4 and 5 and §63.6620, as applicable, no later than 180 days after compliance date. During the performance test, the permittee shall establish applicable operating limitations in Table 2b. [40 CFR 63.6610(a), 40 CFR 63.6630(b)]

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**EQPT0000000001 (continued):**

**Submittal/Action Requirements:**

Condition No.	Condition
S-3	The permittee shall conduct subsequent performance tests semiannually for CO in accordance with Tables 4 and §63.6620, as applicable, with the option to reduce to annually after compliance is demonstrated for two (2) consecutive performance tests. During the testing, permittee shall collect the catalyst inlet temperature data according to §63.6625(b) and reduce this data to 4-hour rolling averages. [40 CFR 63.6615, 40 CFR 63.6620]
S-4	The permittee shall report: 1) deviations from each emission limitation or operating limitation according to requirements of §63.6650; 2) deviations from emission or operating limitations that occur during the first 200 hours of operation from engine startup (engine burn-in period) are not violations; 3) any deviations from the General Provisions identified in Table 8 as applicable. [40 CFR 63.6640(b,d,e)]
S-5	<p>The permittee shall submit the following notifications:</p> <ol style="list-style-type: none"><li>1 ) Initial Notification no later than 120 days after start-up.;</li><li>2) All notifications in §§63.7(b) and (c), 63.8(e), (f)(4) and (f)(6), 63.9(b) through (e), and (g) and (h) that apply by the dates specified;</li><li>3) Notification of Intent to conduct a performance test a least 60 days before the performance test is scheduled to begin a required in §63.7(b)(1);</li><li>4) Notification of Compliance Status according to §63.9(h)(2)(ii), including the performance test results, before the close of business on the 60th day following the completion of the performance test. [40 CFR 63.6645]</li></ol>
S-6	<p>The permittee shall submit semiannual compliance reports containing:</p> <ol style="list-style-type: none"><li>1) If there are no deviations from any emission limitations or operating limitations that apply, a statement that there were no deviations from the emission limitations or operating limitations during the reporting period. If there were no periods during which the CMS, including CEMS and CPMS, was out-of-control, as specified in §63.8(c)(7), a statement that there were no periods during which the CMS was out-of-control during the reporting period;</li><li>2) If there were deviations from any emission limitations or operating limitations during the reporting period, the information in §63.6650(d). If there were periods during which the CMS, including CEMS and CPMS, was out-of-control, as specified in §63.8(c)(7), the information in §63.6650(e);</li><li>3) If there were malfunctions during the reporting period, the information in §63.6650(c)(4)</li></ol> <p>The permittee shall submit each report required in Table 7 that applies. [40 CFR 63.6650]</p>

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**EQPT0000000002 (AA-002) 1,175 HP Natural Gas Emergency Generator (EGEN01):**

**Limitation Requirements:**

Condition No.	Parameter	Condition
L-1	Carbon Monoxide	Carbon Monoxide: The permittee shall have exhaust emissions of CO less than or equal to 4.0 g/HP-hr or 540 ppmvd at 15% oxygen. [40 CFR 60.4233 (Table 1)]
L-2	Particulate Matter	Particulate Matter: The permittee shall not have particulate emissions from fossil fuel burning installations of less than 10 MMBTU/hr heat input that exceeds 0.6 lb/MMBTU. [11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)a]
L-3	Nitrogen oxides	Nitrogen oxides: The permittee shall have exhaust emissions of NOx less than or equal to 2.0 g/HP-hr or 160 ppmvd at 15% oxygen. [40 CFR 60.4233(Table 1)]
L-4	Opacity	Opacity: The permittee shall not have emissions of opacity greater than or equal to 40% as determined by EPA Reference Method 9, 40 CFR 60, Appendix A. Startup operations may produce emissions which exceed 40% opacity for up to fifteen (15) minutes per startup in any one (1) hour and not to exceed three (3) startups in any twenty-four (24) hour period. [11 Miss. Admin. Code Pt. 2, R. 1.3.A]
L-5	Sulfur Dioxide	Sulfur Dioxide: The permittee shall not discharge sulfur oxides from any fuel burning installations in which fuel is burned primarily to produce heat or power by indirect heat transfer in excess of 4.8 lb/MMBTU (measured as sulfur dioxide) heat input. [11 Miss. Admin. Code Pt. 2, R. 1.4.A(1)]
L-6	VOC	VOC: The permittee shall have exhaust emissions of VOC less than or equal to 1.0 g/HP-hr or 86 ppmvd at 15% oxygen. [40 CFR 60.4233 (Table 1)]
L-7		The permittee is subject to the New Source Performance Standard for Stationary Spark Ignition Internal Combustion Engines in 40 CFR 60, Subpart JJJJ, and the General Provisions in Subpart A. [40 CFR 60_SUBPART JJJJ]
L-8		The permittee shall only operate the emergency generator less than 100 hours per year, in non-emergency use. [11 Miss. Admin. Code Pt. 2, R. 2.2 .B(10)]
L-9		The permittee shall install a non-resettable hour meter prior to startup and keep records of the hour of operation through use of the meter. The permittee shall also record the reason the generator was in operation during that time. [40 CFR 60.4237(a), 40 CFR 60.4245(b), 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

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**EQPT0000000002 (continued):**

**Monitoring Requirements:**

Condition No.	Parameter	Condition
M-1		The permittee shall operate and maintain according to manufacturer's emission related written instructions, keep maintenance records, adjust engine settings only in accordance with manufacturer's instructions, and meet the requirements of 40 CFR 1068, Subparts A through D as they apply, or demonstrate compliance with requirements for a non-certified engine. [40 CFR 60.4243]

**Record-Keeping Requirements:**

Condition No.	Condition
R-1	The permittee shall keep records of the following: 1) All notifications and supporting documentation submitted to comply with 40 CFR 60, Subpart JJJJ 2) Maintenance performed on the engine 3) If the SI ICE is not certified, or a certified engine is operated in a non-certified manner and is subject to 40 CFR 60.4243(a)(2), documentation that the engine meets the emission standard. [40 CFR 60.4245]

**Submittal/Action Requirements:**

Condition No.	Condition
S-1	The permittee shall demonstrate compliance with 40 CFR 60.4233 by conducting an initial performance test within one (1) year of engine startup and conduct subsequent performance test every 8,760 hours or three (3) years, whichever comes first, thereafter to demonstrate compliance. The permittee shall keep records of maintenance performed on the engine and must keep a maintenance plan in accordance with 40 CFR 60.4243. [40 CFR 60.4243]

**Permit To Construct Air Emissions Equipment**  
Southeast Supply Header LLC, Dentville Compressor Station  
Facility Requirements  
Permit Number:0600-00073  
Activity ID No.: PER20130001

**EQPT0000000004 (AA-003) Natural Gas In-line Catalytic Instrument Heater (H01):**

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Particulate Matter	Particulate Matter: The permittee shall not have particulate emissions from fossil fuel burning installations of less than 10 MMBTU/hr heat input that exceeds 0.6 lb/MMBTU. [11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)a]
L-2	Opacity	Opacity: The permittee shall not have emissions of opacity greater than or equal to 40% as determined by EPA Reference Method 9, 40 CFR 60, Appendix A. Startup operations may produce emissions which exceed 40% opacity for up to fifteen (15) minutes per startup in any one (1) hour and not to exceed three (3) startups in any twenty-four (24) hour period. [11 Miss. Admin. Code Pt. 2, R. 1.3.A]
L-3	Sulfur Dioxide	Sulfur Dioxide: The permittee shall not discharge sulfur oxides from any fuel burning installations in which fuel is burned primarily to produce heat or power by indirect heat transfer in excess of 4.8 lb/MMBTU (measured as sulfur dioxide) heat input. [11 Miss. Admin. Code Pt. 2, R. 1.4.A(1)]



**Permit To Construct Air Emissions Equipment**  
Southeast Supply Header LLC, Dentville Compressor Station  
Facility Requirements  
Permit Number:0600-00073  
Activity ID No.: PER20130001

**EQPT0000000005 (AA-004) Natural Gas In-line Catalytic Instrument Heater (H02):**

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Particulate Matter	Particulate Matter: The permittee shall not have particulate emissions from fossil fuel burning installations of less than 10 MMBTU/hr heat input that exceeds 0.6 lb/MMBTU. [11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)a]
L-2	Opacity	Opacity: The permittee shall not have emissions of opacity greater than or equal to 40% as determined by EPA Reference Method 9, 40 CFR 60, Appendix A. Startup operations may produce emissions which exceed 40% opacity for up to fifteen (15) minutes per startup in any one (1) hour and not to exceed three (3) startups in any twenty-four (24) hour period. [11 Miss. Admin. Code Pt. 2, R. 1.3.A]
L-3	Sulfur Dioxide	Sulfur Dioxide: The permittee shall not discharge sulfur oxides from any fuel burning installations in which fuel is burned primarily to produce heat or power by indirect heat transfer in excess of 4.8 lb/MMBTU (measured as sulfur dioxide) heat input. [11 Miss. Admin. Code Pt. 2, R. 1.4.A(1)]

**Permit To Construct Air Emissions Equipment**  
Southeast Supply Header LLC, Dentville Compressor Station  
Facility Requirements  
Permit Number:0600-00073  
Activity ID No.: PER20130001

**EQPT0000000006 (AA-005) Parts Washer (PW01):**

Narrative Requirements:

Condition	
No.	Condition
T-1	Such air emission equipment shall be operated as efficiently as possible to provide the maximum reduction of air contaminants. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

**Permit To Construct Air Emissions Equipment**  
Southeast Supply Header LLC, Dentville Compressor Station  
Facility Requirements  
Permit Number:0600-00073  
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**AREA0000000001 (AA-013) Truck Loading Area (TL01-TL03):**

Narrative Requirements:

Condition	
No.	Condition
T-1	Such air emission equipment shall be operated as efficiently as possible to provide the maximum reduction of air contaminants. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

**Permit To Construct Air Emissions Equipment**  
Southeast Supply Header LLC, Dentville Compressor Station  
Facility Requirements  
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**AREA0000000002 (AA-014) Piping Components (PC):**

Narrative Requirements:

Condition	
No.	Condition
T-1	Such air emission equipment shall be operated as efficiently as possible to provide the maximum reduction of air contaminants. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

**Permit To Construct Air Emissions Equipment**  
Southeast Supply Header LLC, Dentville Compressor Station  
Facility Requirements  
Permit Number:0600-00073  
Activity ID No.: PER20130001

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**AREA0000000003 (AA-015 ) Natural Gas Releases (GR):**

Narrative Requirements:

Condition	
No.	Condition
T-1	Such air emission equipment shall be operated as efficiently as possible to provide the maximum reduction of air contaminants. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

**Permit To Construct Air Emissions Equipment**  
Southeast Supply Header LLC, Dentville Compressor Station  
Facility Requirements  
Permit Number:0600-00073  
Activity ID No.: PER20130001

**GRPT0000000001 (AT-001) Storage Tanks:**

Narrative Requirements:

Condition	
No.	Condition
T-1	Such air emission equipment shall be operated as efficiently as possible to provide the maximum reduction of air contaminants. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

## GENERAL INFORMATION

Southeast Supply Header LLC, Dentville Compressor Station  
13171 Dentville Road  
Hazlehurst, MS  
Copiah County

### Alternate/Historic Identifiers

ID	Alternate/Historic Name	User Group	Start Date	End Date
65042	Southeast Supply Header, LLC	Official Site Name	12/5/2013	
2802900073	Southeast Supply Header, LLC	Air-AIRS AFS	12/5/2013	
060000073	Southeast Supply Header LLC, Dentville Compressor Station	Air-Construction	8/18/2014	

**Basin:** South Independent Streams Basin

### Location Description: