



State of Mississippi

AIR POLLUTION CONTROL PERMIT

To Construct Air Emissions Equipment



THIS CERTIFIES

Mississippi Hub LLC, Natural Gas Transmission Facility

222 South Highway 541

Magee, MS

Simpson 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: MAY 13 2016

Expires:

Permit No. 2480-00070

Agency Interest # 35025

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To Construct Air Emissions Equipment
Mississippi Hub LLC, Natural Gas Transmission Facility
Subject Item Inventory
Permit Number: 2480-00070
Activity ID No.: PER20160001

Subject Item Inventory:

ID	Designation	Description
AI35025	35025	Natural Gas Storage, Transmission, Pipelining
AREA1	AA-012	350 MMSCFD Triethylene Glycol Dehydration Train 1 (D-1) with emissions routed to the Glycol Regenerator Reboiler (R-1)
AREA2	AA-013	350 MMSCFD Triethylene Glycol Dehydration Train 2 (D-2) with emissions routed to the Glycol Regenerator Reboiler (R-2)
AREA3	AA-014	350 MMSCFD Triethylene Glycol Dehydration Train 3 (D-3) with emissions routed to the Glycol Regenerator Reboiler (R-3)
AREA4	AA-015	350 MMSCFD Triethylene Glycol Dehydration Train 4 (D-4) with emissions routed to the Glycol Regenerator Reboiler (R-4)
AREA5	AB-016	350 MMSCFD Triethylene Glycol Dehydration Train 5 (D-5) with emissions routed to the Glycol Regenerator Reboiler (R-5)
AREA6	AB-017	350 MMSCFD Triethylene Glycol Dehydration Train 6 (D-6) with emissions routed to the Glycol Regenerator Reboiler (R-6)
EQPT10	AA-011	979 HP Caterpillar LC7024F, diesel fired standby generator (BC-1)
EQPT11	AA-007	2.0 MMBTU/hr Hanover Glycol Regenerator, natural gas fired reboiler (R-1) with emissions controlled by the BTEX unit
EQPT12	AA-008	2.0 MMBTU/hr Hanover Glycol Regenerator, natural gas fired reboiler (R-2) with emissions controlled by the BTEX unit
EQPT13	AA-009	2.0 MMBTU/hr Hanover Glycol Regenerator, natural gas fired reboiler (R-3) with emissions controlled by the BTEX unit
EQPT14	AT-001	16,800 Gallon vertical fixed roof oily water storage tank (TK-1)
EQPT15	AT-002	21,000 Gallon vertical fixed roof diesel storage tank (TK-2)
EQPT16	AT-003	3,780 Gallon vertical fixed roof methanol storage tank (TK-3)
EQPT17	AT-004	3,780 Gallon vertical fixed roof unused triethylene glycol (TEG) storage tank (TK-4)
EQPT18	AT-005	2,000 Gallon crankcase oil storage tank (TK-5)
EQPT19	AT-006	2,000 Gallon waste lube oil storage tank (TK-6)
EQPT20	AA-004	32 MMBTU/hr Caterpillar G3616 TALE, natural gas fired compressor engine (C-1)
EQPT21	AA-005	32 MMBTU/hr Caterpillar G3616 TALE, natural gas fired compressor engine (C-2)
EQPT22	AA-006	32 MMBTU/hr Caterpillar G3616 TALE, natural gas fired compressor engine (C-3)

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ID	Designation	Description
EQPT23	AA-010	2.0 MMBTU/hr Hanover Glycol Regenerator, natural gas fired reboiler (R-4) with emissions controlled by the BTEX unit
EQPT25	AA-016	12 MMBTU/hr Natual Gas fired Withdrawal Heater (H-1)
EQPT26	AA-017	12 MMBTU/hr Natual Gas fired Withdrawal Heater (H-2)
EQPT27	AA-018	12 MMBTU/hr Natual Gas fired Withdrawal Heater (H-3)
EQPT28	AA-019	12 MMBTU/hr Natual Gas fired Withdrawal Heater (H-4)
EQPT29	AT-007	21,000 Gallon Standby Generator Diesel Storage Tank
EQPT30	AT-008	2,000 Gallon Cylinder Oil Storage Tank
EQPT31	AT-009	210,000 Gallon Brine Surge Storage Tank
EQPT32	AT-010	3,780 Gallon Coolant Storage Tank
EQPT33	AT-011	3,780 Gallon Used triethylene glycol (TEG) Storage Tank
EQPT34	AT-012	160 Gallon Coolant Rundown Storage Tank
EQPT35	AB-007	32 MMBTU/hr Caterpillar G3616 TALE, natural gas fired compressor engine (C-4)
EQPT36	AB-008	32 MMBTU/hr Caterpillar G3616 TALE, natural gas fired compressor engine (C-5)
EQPT37	AB-009	32 MMBTU/hr Caterpillar G3616 TALE, natural gas fired compressor engine (C-6)
EQPT38	AB-012	1881HP diesel fired standby generator (BC-2)
EQPT39	AB-010	2.0 MMBTU/hr Hanover Glycol Regenerator, natural gas fired reboiler (R-5) with emissions controlled by the BTEX unit
EQPT40	AB-011	2.0 MMBTU/hr Hanover Glycol Regenerator, natural gas fired reboiler (R-6) with emissions controlled by the BTEX unit
EQPT41	AB-020	12 MMBTU/hr Natual Gas fired Withdrawal Heater (H-5)
EQPT42	AB-021	12 MMBTU/hr Natual Gas fired Withdrawal Heater (H-6)
EQPT43	AB-022	12 MMBTU/hr Natual Gas fired Withdrawal Heater (H-7)

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ID	Designation	Description
EQPT44	AB-023	12 MMBTU/hr Natual Gas fired Withdrawal Heater (H-8)
EQPT45	AT-013	3,780 Gallon Diesel Storage Tank
EQPT46	AT-014	3,000 Gallon 1250 KVA Standby Generator #1 Sub-Base Diesel Tank
EQPT47	AT-015	1,300 Gallon 500 KVA Standby Generator #2 Sub-Base Diesel Tank

**Subject Item
Groups:**

ID	Description	Components
GRPT1	Natural Gas fired Withdrawal Heaters	EQPT25 12 MMBTU/hr Natual Gas fired Withdrawal Heater (H-1)
		EQPT26 12 MMBTU/hr Natual Gas fired Withdrawal Heater (H-2)
		EQPT27 12 MMBTU/hr Natual Gas fired Withdrawal Heater (H-3)
		EQPT28 12 MMBTU/hr Natual Gas fired Withdrawal Heater (H-4)
		EQPT41 12 MMBTU/hr Natual Gas fired Withdrawal Heater (H-5)
		EQPT42 12 MMBTU/hr Natual Gas fired Withdrawal Heater (H-6)
		EQPT43 12 MMBTU/hr Natual Gas fired Withdrawal Heater (H-7)
		EQPT44 12 MMBTU/hr Natual Gas fired Withdrawal Heater (H-8)

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**Subject Item
Groups:**

ID	Description	Components
GRPT2	Storage Tanks	EQPT14 16,800 Gallon vertical fixed roof oily water storage tank (TK-1)
		EQPT15 21,000 Gallon vertical fixed roof diesel storage tank (TK-2)
		EQPT16 3,780 Gallon vertical fixed roof methanol storage tank (TK-3)
		EQPT17 3,780 Gallon vertical fixed roof unused triethylene glycol (TEG) storage tank (TK-4)
		EQPT18 2,000 Gallon crankcase oil storage tank (TK-5)
		EQPT19 2,000 Gallon waste lube oil storage tank (TK-6)
		EQPT29 21,000 Gallon Standby Generator Diesel Storage Tank
		EQPT30 2,000 Gallon Cylinder Oil Storage Tank
		EQPT31 210,000 Gallon Brine Surge Storage Tank
		EQPT32 3,780 Gallon Coolant Storage Tank
		EQPT33 3,780 Gallon Used triethylene glycol (TEG) Storage Tank
		EQPT34 160 Gallon Coolant Rundown Storage Tank
		EQPT45 3,780 Gallon Diesel Storage Tank
		EQPT46 3,000 Gallon 1250 KVA Standby Generator #1 Sub-Base Diesel Tank
		EQPT47 1,300 Gallon 500 KVA Standby Generator #2 Sub-Base Diesel Tank

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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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AI0000035025 (35025) Natural Gas Storage, Transmission, Pipelining:

Submittal/Action Requirements:

General Condition:

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. [APC-S-2 V.D]
S-2	Twelve (12) months after certification of construction, the permittee shall submit a Title V Permit application. Submit an application: Due once within 1 year (365 days) after effective date. [APC-S-6 II.A(1)a]
S-3	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-4	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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AI0000035025 (35025) Natural Gas Storage, Transmission, Pipelining:

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.]

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AI0000035025 (35025) Natural Gas Storage, Transmission, Pipelining:

Narrative Requirements:

Condition No.	Condition
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. [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).]

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Narrative Requirements:

Condition No.	Condition
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.]
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 11 Miss. Admin. Code Pt. 2, R. 2.13.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).]

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AI0000035025 (35025) Natural Gas Storage, Transmission, Pipelining:

Narrative Requirements:

Condition No.	Condition
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).]
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. [11 Miss. Admin.Code Pt. 2, R.2.6.B(3),(4)&(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. [11 Miss. Admin.Code Pt. 2, R.2.5.A(4).]

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AREA0000000001 (AA-012) 350 MMSCFD Triethylene Glycol Dehydration Train 1 (D-1) with emissions routed to the Glycol Regenerator Reboiler (R-1):

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		The permittee shall operate the glycol dehydration unit with the emissions routed to the glycol regenerator reboiler. [APC-S-2 II.B(10)]

Narrative Requirements:

Condition No.	Condition
T-1	Such air emission equipment shall be operated as efficiently as possible to provide maximum reductions of air contaminants. [APC-S-2 II.B(10)]

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AREA0000000002 (AA-013) 350 MMSCFD Triethylene Glycol Dehydration Train 2 (D-2) with emissions routed to the Glycol Regenerator Reboiler (R-2):

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		The permittee shall operate the glycol dehydration unit with the emissions routed to the glycol regenerator reboiler. [APC-S-2 II.B(10)]

Narrative Requirements:

Condition No.	Condition
T-1	Such air emission equipment shall be operated as efficiently as possible to provide maximum reductions of air contaminants. [APC-S-2 II.B(10)]

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AREA0000000003 (AA-014) 350 MMSCFD Triethylene Glycol Dehydration Train 3 (D-3) with emissions routed to the Glycol Regenerator Reboiler (R-3):

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		The permittee shall operate the glycol dehydration unit with the emissions routed to the glycol regenerator reboiler. [APC-S-2 II.B(10)]

Narrative Requirements:

Condition No.	Condition
T-1	Such air emission equipment shall be operated as efficiently as possible to provide maximum reductions of air contaminants. [APC-S-2 II.B(10)]

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AREA0000000004 (AA-015) 350 MMSCFD Triethylene Glycol Dehydration Train 4 (D-4) with emissions routed to the Glycol Regenerator Reboiler (R-4):

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		The permittee shall operate the glycol dehydration unit with the emissions routed to the glycol regenerator reboiler. [APC-S-2 II.B(10)]

Narrative Requirements:

Condition No.	Condition
T-1	Such air emission equipment shall be operated as efficiently as possible to provide maximum reductions of air contaminants. [APC-S-2 II.B(10)]

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AREA0000000005 (AB-016) 350 MMSCFD Triethylene Glycol Dehydration Train 5 (D-5) with emissions routed to the Glycol Regenerator Reboiler (R-5):

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		The permittee shall operate the glycol dehydration unit with the emissions routed to the glycol regenerator reboiler. [APC-S-2 II.B(10)]

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. [APC-S-2 II.B(10)]

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AREA0000000006 (AB-017) 350 MMSCFD Triethylene Glycol Dehydration Train 6 (D-6) with emissions routed to the Glycol Regenerator Reboiler (R-6):

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		The permittee shall operate the glycol dehydration unit with the emissions routed to the glycol regenerator reboiler. [APC-S-2 II.B(10)]

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. [APC-S-2 II.B(10)]

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EQPT0000000010 (AA-011) 979 HP Caterpillar LC7024F, diesel fired standby generator (BC-1):

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	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. [APC-S-1 3.1(a)]
L-2		The permittee shall only operate the emergency generator less than 500 hours per 12 month rolling total. [APC-S-2 II.B(10)]
L-3		The permittee is subject to the New Source Performance Standard for Stationary Compressor Ignition Internal Combustion Engines in 40 CFR 60, Subpart IIII and the General Provisions in Subpart A. The permittee shall be in compliance with this subpart by October 1, 2010. [40 CFR 60_Subpart IIII]
L-4		<p>The permittee shall use diesel fuel that meets the requirements of 40 CFR 80.510(b) for nonroad diesel fuel. The fuel shall have a maximum sulfur content of 15 ppm and a minimum cetane index of 40 or a maximum aromatic content of 35 percent volume.</p> <p>For pre-2011 model year stationary compression ignition internal combustion engines, the permittee may petition MDEQ for approval to use remaining non-compliant fuel that does not meet the fuel requirements beyond October 1, 2010 for purpose of using up existing fuel inventories. If approved, the petition will be valid for a period of up to six (6) months. If additional time is needed, a new petition may be submitted to MDEQ. [40 CFR 60_Subpart IIII]</p>

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		The permittee shall record the hours of operation of the emergency generator. [APC-S-2 II.B(10)]
M-2		The permittee shall have a non-resettable hour meter installed prior to startup of the engine. [40 CFR 60_Subpart IIII]

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EQPT0000000010 (AA-011) 979 HP Caterpillar LC7024F, diesel fired standby generator (BC-1):

Monitoring Requirements:

Condition No.	Parameter	Condition
M-3		The permittee shall operate and maintain the generator according to the manufacturer's written instructions and procedures. In addition, the only settings that will be changed are those permitted by the manufacturer. The permittee shall comply with the emission standards by purchasing a engine certified to the emission standards for the same model year and maximum engine power. The engine shall be installed and configured according to the manufacturer's specifications. Any operation of the generator other than emergency operation, maintenance, and testing will be prohibited. [40 CFR 60_Subpart IIII]

Record-Keeping Requirements:

Condition No.	Condition
R-1	The permittee shall record the hours of operations of the generator and the reason the generator was in operation during that time. [40 CFR 60_Subpart IIII]

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EQPT0000000011 (AA-007) 2.0 MMBTU/hr Hanover Glycol Regenerator, natural gas fired reboiler (R-1) with emissions controlled by the BTEX unit:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Hydrogen sulfide	Hydrogen sulfide: The permittee shall not cause or permit the emissions for any gas stream which contains hydrogen sulfide in excess of one (1) grain per 100 standard cubic feet (gr/100 scf) Gas streams containing hydrogen sulfide in excess of one (1) grain per 100 standard cubic feet shall be incinerated of not less than 1600 Degrees Fahrenheit for a period of not less than 0.5 seconds, or processed in such a manner which is equivalent to or more effective for the removal of hydrogen sulfide. [APC-S-1 4.2.b]
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. [APC-S-1 3.1(a)]
L-3		The permittee shall only operate the glycol regenerator reboilers with the emissions routed to and controlled by the BTEX Unit. The BTEX Unit shall reduce the concentration of HAPs in the gases by 98% by weight. [APC-S-2 II.B(10)]

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. [APC-S-2 II.B(10)]

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EQPT0000000012 (AA-008) 2.0 MMBTU/hr Hanover Glycol Regenerator, natural gas fired reboiler (R-2) with emissions controlled by the BTEX unit:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Hydrogen sulfide	Hydrogen sulfide: The permittee shall not cause or permit the emissions for any gas stream which contains hydrogen sulfide in excess of one (1) grain per 100 standard cubic feet (gr/100 scf) Gas streams containing hydrogen sulfide in excess of one (1) grain per 100 standard cubic feet shall be incinerated of not less than 1600 Degrees Fahrenheit for a period of not less than 0.5 seconds, or processed in such a manner which is equivalent to or more effective for the removal of hydrogen sulfide. [APC-S-1 4.2.b]
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. [APC-S-1 3.1(a)]
L-3		The permittee shall only operate the glycol regenerator reboilers with the emissions routed to and controlled by the BTEX Unit. The BTEX Unit shall reduce the concentration of HAPs in the gases by 98% by weight. [APC-S-2 II.B(10)]

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. [APC-S-2 II.B(10)]

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EQPT0000000013 (AA-009) 2.0 MMBTU/hr Hanover Glycol Regenerator, natural gas fired reboiler (R-3) with emissions controlled by the BTEX unit:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Hydrogen sulfide	Hydrogen sulfide: The permittee shall not cause or permit the emissions for any gas stream which contains hydrogen sulfide in excess of one (1) grain per 100 standard cubic feet (gr/100 scf) Gas streams containing hydrogen sulfide in excess of one (1) grain per 100 standard cubic feet shall be incinerated of not less than 1600 Degrees Fahrenheit for a period of not less than 0.5 seconds, or processed in such a manner which is equivalent to or more effective for the removal of hydrogen sulfide. [APC-S-1 4.2.b]
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. [APC-S-1 3.1(a)]
L-3		The permittee shall only operate the glycol regenerator reboilers with the emissions routed to and controlled by the BTEX Unit. The BTEX Unit shall reduce the concentration of HAPs in the gases by 98% by weight. [APC-S-2 II.B(10)]

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. [APC-S-2 II.B(10)]

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EQPT0000000020 (AA-004) 32 MMBTU/hr Caterpillar G3616 TALE, natural gas fired compressor engine (C-1):

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Carbon Monoxide	Carbon Monoxide: The permittee shall have exhaust emissions of CO less than 4.0 g/HP-hr. [40 CFR 60_SUBPART JJJJ]
L-2	Nitrogen oxides	Nitrogen oxides: The permittee shall have exhaust emissions of NOx less than 2.0 g/HP-hr. [40 CFR 60_SUBPART JJJJ]
L-3	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. [APC-S-1 3.1(a)]
L-4	VOC	VOC: The permittee shall have exhaust emissions of VOC less than 1.0 g/HP-hr. [40 CFR 60_SUBPART JJJJ]
L-5		The permittee shall use pipeline natural gas only. [APC-S-2 II.B(10)]

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		The permittee shall monitor fuel usage, including type and quantity of fuel used. [APC-S-2 II.B(11)]

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_SUBPART JJJJ]

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EQPT0000000020 (AA-004) 32 MMBTU/hr Caterpillar G3616 TALE, natural gas fired compressor engine (C-1):

Record-Keeping Requirements:

Condition No.	Condition
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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_SUBPART JJJJ]

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. [APC-S-2 II.B(10)]

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EQPT0000000021 (AA-005) 32 MMBTU/hr Caterpillar G3616 TALE, natural gas fired compressor engine (C-2):

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Carbon Monoxide	Carbon Monoxide: The permittee shall have exhaust emissions of CO less than 4.0 g/HP-hr. [40 CFR 60_SUBPART JJJJ]
L-2	Nitrogen oxides	Nitrogen oxides: The permittee shall have exhaust emissions of NOx less than 2.0 g/HP-hr. [40 CFR 60_SUBPART JJJJ]
L-3	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. [APC-S-1 3.1(a)]
L-4	VOC	VOC: The permittee shall have exhaust emissions of VOC less than 1.0 g/HP-hr. [40 CFR 60_SUBPART JJJJ]
L-5		The permittee shall use pipeline natural gas only. [APC-S-2 II.B(10)]

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		The permittee shall monitor fuel usage, including type and quantity of fuel used. [APC-S-2 II.B(11)]

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_SUBPART JJJJ]

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EQPT0000000021 (AA-005) 32 MMBTU/hr Caterpillar G3616 TALE, natural gas fired compressor engine (C-2):

Record-Keeping Requirements:

Condition No.	Condition
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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_SUBPART JJJJ]

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. [APC-S-2 II.B(10)]

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EQPT0000000022 (AA-006) 32 MMBTU/hr Caterpillar G3616 TALE, natural gas fired compressor engine (C-3):

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Carbon Monoxide	Carbon Monoxide: The permittee shall have exhaust emissions of CO less than 4.0 g/HP-hr. [40 CFR 60_SUBPART JJJJ]
L-2	Nitrogen oxides	Nitrogen oxides: The permittee shall have exhaust emissions of NOx less than 2.0 g/HP-hr. [40 CFR 60_SUBPART JJJJ]
L-3	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. [APC-S-1 3.1(a)]
L-4	VOC	VOC: The permittee shall have exhaust emissions of VOC less than 1.0 g/HP-hr. [40 CFR 60_SUBPART JJJJ]
L-5		The permittee shall use pipeline natural gas only. [APC-S-2 II.B(10)]

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		The permittee shall monitor fuel usage, including type and quantity of fuel used. [APC-S-2 II.B(11)]

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_SUBPART JJJJ]

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EQPT0000000022 (AA-006) 32 MMBTU/hr Caterpillar G3616 TALE, natural gas fired compressor engine (C-3):

Record-Keeping Requirements:

Condition No.	Condition
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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_SUBPART JJJJ]

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 [APC-S-2 II.B(10)]

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EQPT0000000023 (AA-010) 2.0 MMBTU/hr Hanover Glycol Regenerator, natural gas fired reboiler (R-4) with emissions controlled by the BTEX unit:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Hydrogen sulfide	Hydrogen sulfide: The permittee shall not cause or permit the emissions for any gas stream which contains hydrogen sulfide in excess of one (1) grain per 100 standard cubic feet (gr/100 scf) Gas streams containing hydrogen sulfide in excess of one (1) grain per 100 standard cubic feet shall be incinerated of not less than 1600 Degrees Fahrenheit for a period of not less than 0.5 seconds, or processed in such a manner which is equivalent to or more effective for the removal of hydrogen sulfide. [APC-S-1 4.2.b]
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. [APC-S-1 3.1.a]
L-3		The permittee shall only operate the glycol regenerator reboilers with the emissions routed to and controlled by the BTEX Unit. The BTEX Unit shall reduce the concentration of HAPs in the gases by 98% by weight. [APC-S-2 II.B(10)]

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. [APC-S-2 II.B(10)]

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EQPT0000000035 (AB-007) 32 MMBTU/hr Caterpillar G3616 TALE, natural gas fired compressor engine (C-4):

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Carbon Monoxide	Carbon Monoxide: The permittee shall have exhaust emissions of CO less than 4.0 g/HP-hr. [40 CFR 60_SUBPART JJJJ]
L-2	Nitrogen oxides	Nitrogen oxides: The permittee shall have exhaust emissions of NOx less than 2.0 g/HP-hr. [40 CFR 60_SUBPART JJJJ]
L-3	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. [APC-S-1 3.1.a]
L-4	VOC	VOC: The permittee shall have exhaust emissions of VOC less than 1.0 g/HP-hr. [40 CFR 60_SUBPART JJJJ]
L-5		The permittee shall use pipeline natural gas only. [APC-S-2 II.B(10)]

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		The permittee shall monitor fuel usage, including type and quantity of fuel used. [APC-S-2 II.B(11)]

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EQPT0000000035 (AB-007) 32 MMBTU/hr Caterpillar G3616 TALE, natural gas fired compressor engine (C-4):

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_SUBPART JJJJ]

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_SUBPART JJJJ]

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. [APC-S-2 II.B(10)]

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EQPT0000000036 (AB-008) 32 MMBTU/hr Caterpillar G3616 TALE, natural gas fired compressor engine (C-5):

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Carbon Monoxide	Carbon Monoxide: The permittee shall have exhaust emissions of CO less than 4.0 g/HP-hr. [40 CFR 60_SUBPART JJJJ]
L-2	Nitrogen oxides	Nitrogen oxides: The permittee shall have exhaust emissions of NOx less than 2.0 g/HP-hr. [40 CFR 60_SUBPART JJJJ]
L-3	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. [APC-S-1 3.1.a]
L-4	VOC	VOC: The permittee shall have exhaust emissions of VOC less than 1.0 g/HP-hr. [40 CFR 60_SUBPART JJJJ]
L-5		The permittee shall use pipeline natural gas only. [APC-S-2 II.B(10)]

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		The permittee shall monitor fuel usage, including type and quantity of fuel used. [APC-S-2 II.B(11)]

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EQPT0000000036 (AB-008) 32 MMBTU/hr Caterpillar G3616 TALE, natural gas fired compressor engine (C-5):

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_SUBPART JJJJ]

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. The permittee shall submit a copy of each performance test conducted within 60 days after the test is completed. 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_SUBPART JJJJ]

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. [APC-S-2 II.B(10)]

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EQPT0000000037 (AB-009) 32 MMBTU/hr Caterpillar G3616 TALE, natural gas fired compressor engine (C-6):

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Carbon Monoxide	Carbon Monoxide: The permittee shall have exhaust emissions of CO less than 4.0 g/HP-hr. [40 CFR 60_SUBPART JJJJ]
L-2	Nitrogen oxides	Nitrogen oxides: The permittee shall have exhaust emissions of NOx less than 2.0 g/HP-hr. [40 CFR 60_SUBPART JJJJ]
L-3	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. [APC-S-1 3.1.a]
L-4	VOC	VOC: The permittee shall have exhaust emissions of VOC less than 1.0 g/HP-hr. [40 CFR 60_SUBPART JJJJ]
L-5		The permittee shall use pipeline natural gas only. [APC-S-2 II.B(10)]

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		The permittee shall monitor fuel usage, including type and quantity of fuel used. [APC-S-2 II.B(11)]

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EQPT0000000037 (AB-009) 32 MMBTU/hr Caterpillar G3616 TALE, natural gas fired compressor engine (C-6):

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_SUBPART JJJJ]

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. The permittee shall submit a copy of each performance test conducted within 60 days after the test is completed. 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_SUBPART JJJJ]

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. [APC-S-2 II.B(10)]

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EQPT0000000038 (AB-012) 1881HP diesel fired standby generator (BC-2):

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	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. [APC-S-1 3.1.a]
L-2		The permittee shall only operate the emergency generator less than 500 hours per 12 month rolling total. [APC-S-2 II.B(10)]
L-3		The permittee is subject to the New Source Performance Standard for Stationary Compressor Ignition Internal Combustion Engines in 40 CFR 60, Subpart IIII and the General Provisions in Subpart A. The permittee shall be in compliance with this subpart by October 1, 2010. [40 CFR 60_Subpart IIII]
L-4		<p>The permittee shall use diesel fuel that meets the requirements of 40 CFR 80.510(b) for nonroad diesel fuel. The fuel shall have a maximum sulfur content of 15 ppm and a minimum cetane index of 40 or a maximum aromatic content of 35 percent volume.</p> <p>For pre-2011 model year stationary compression ignition internal combustion engines, the permittee may petition MDEQ for approval to use remaining non-compliant fuel that does not meet the fuel requirements beyond October 1, 2010 for purpose of using up existing fuel inventories. If approved, the petition will be valid for a period of up to six (6) months. If additional time is needed, a new petition may be submitted to MDEQ. [40 CFR 60_Subpart IIII]</p>

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		The permittee shall record the hours of operation of the emergency generator. [APC-S-2 II.B(11)]
M-2		The permittee shall have a non-resettable hour meter installed prior to startup of the engine. [40 CFR 60_Subpart IIII]

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EQPT0000000038 (AB-012) 1881HP diesel fired standby generator (BC-2):

Monitoring Requirements:

Condition No.	Parameter	Condition
M-3		The permittee shall operate and maintain the generator according to the manufacturer's written instructions and procedures. In addition, the only settings that will be changed are those permitted by the manufacturer. The permittee shall comply with the emission standards by purchasing a engine certified to the emission standards for the same model year and maximum engine power. The engine shall be installed and configured according to the manufacturer's specifications. Any operation of the generator other than emergency operation, maintenance, and testing will be prohibited. [40 CFR 60_Subpart IIII]

Record-Keeping Requirements:

Condition No.	Condition
R-1	The permittee shall record the hours of operations of the generator and the reason the generator was in operation during that time. [40 CFR 60_Subpart IIII]

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EQPT0000000039 (AB-010) 2.0 MMBTU/hr Hanover Glycol Regenerator, natural gas fired reboiler (R-5) with emissions controlled by the BTEX unit:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Hydrogen sulfide	Hydrogen sulfide: The permittee shall not cause or permit the emissions for any gas stream which contains hydrogen sulfide in excess of one (1) grain per 100 standard cubic feet (gr/100 scf) Gas streams containing hydrogen sulfide in excess of one (1) grain per 100 standard cubic feet shall be incinerated of not less than 1600 Degrees Fahrenheit for a period of not less than 0.5 seconds, or processed in such a manner which is equivalent to or more effective for the removal of hydrogen sulfide. [APC-S-1 4.2.b]
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. [APC-S-1 3.1.a]
L-3		The permittee shall only operate the glycol regenerator reboilers with the emissions routed to and controlled by the BTEX Unit. The BTEX Unit shall reduce the concentration of HAPs in the gases by 98% by weight. [APC-S-2 II.B(10)]

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. [APC-S-2 II.B(10)]

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EQPT0000000040 (AB-011) 2.0 MMBTU/hr Hanover Glycol Regenerator, natural gas fired reboiler (R-6) with emissions controlled by the BTEX unit:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Hydrogen sulfide	Hydrogen sulfide: The permittee shall not cause or permit the emissions for any gas stream which contains hydrogen sulfide in excess of one (1) grain per 100 standard cubic feet (gr/100 scf) Gas streams containing hydrogen sulfide in excess of one (1) grain per 100 standard cubic feet shall be incinerated of not less than 1600 Degrees Fahrenheit for a period of not less than 0.5 seconds, or processed in such a manner which is equivalent to or more effective for the removal of hydrogen sulfide . [APC-S-1 4.2.b]
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. [APC-S-1 3.1.a]
L-3		The permittee shall only operate the glycol regenerator reboilers with the emissions routed to and controlled by the BTEX Unit. The BTEX Unit shall reduce the concentration of HAPs in the gases by 98% by weight. [APC-S-2 II.B(10)]

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. [APC-S-2 II.B(10)]

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GRPT0000000001 (AH-000) Natural Gas fired Withdrawal Heaters:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	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. [APC-S-1 3.1.a]

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. [APC-S-2 II.B(2)]

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GRPT0000000002 (AT-000) 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. [APC-S-2 II.B(2)]

GENERAL INFORMATION

Mississippi Hub LLC, Natural Gas Transmission Facility
222 South Highway 541
Magee, MS
Simpson County

Alternate/Historic Identifiers

ID	Alternate/Historic Name	User Group	Start Date	End Date
35025	Mississippi Hub, L.L.C., (MS HUB)	Official Site Name	12/06/2006	
248000070	Mississippi Hub LLC, Natural Gas Transmission Facility	Air-Construction	10/23/2007	
2812700070	Mississippi Hub LLC,Natural Gas Trans	Air-AIRS AFS	10/23/2007	
248000070	Mississippi Hub, L.L.C., (MS HUB)	Air-Title V Fee Customer	10/26/2011	
248000070	Mississippi Hub LLC, Natural Gas Transmission Facility	Air-Title V Operating	11/25/2013	10/31/2018

Basin: Pearl River Basin