

State of Mississippi



FEDERALLY ENFORCEABLE AIR POLLUTION CONTROL PERMIT

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

THIS CERTIFIES

CITGO Petroleum Corporation, Meridian Terminal
180 65th West Avenue
Meridian, MS
Lauderdale County

has been granted permission to operate air emissions equipment in accordance with emission limitations, monitoring requirements and conditions set forth herein. This permit is issued in accordance with the Federal Clean Air Act and the provisions of the Mississippi Air and Water Pollution Control Law (Section 49-17-1 et. set., Mississippi Code of 1972), the regulations and standards adopted and promulgated thereunder, and the State Implementation Plan for operating permits for synthetic minor sources.

Mississippi Environmental Quality Rermit Board

Mississippi Department of Environmental Quality

Issued/Modified: MAR 2 5 2014

Expires: NOV 3 0 2016

Permit No. 1460-00006

Agency Interest # 5346

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Other Relevant Documents:	

New Source Performance Standard Subpart XX (40 CFR 60) National Emission Standard for Hazardous Air Pollutants, Subpart BBBBB (40 CFR 63)

CITGO Petroleum Corporation, Meridian Terminal Subject Item Inventory Permit Number:1460-00006 Activity ID No.: PER20130001

Subject Item Inventory:

ID	Designation	Description
AI5346	5346	Bulk Fuel Terminal
CONT1	AA-099	80MMBTU/hr John Zink Natural Gas Fired Vapor Combustion Unit
EQPT4	AA-001	597,408 Gallon Internal Floating Roof Tank Storing Gasoline or Diesel (Tank #1)
EQPT5	AA-002	350,000 Gallon External Floating Roof Tank Storing Gasoline or Diesel (Tank #2)
EQPT6	AA-003	197,000 Gallon Fixed Roof Tank Storing Distillate Fuel Oil #2 (Tank #3)
EQPT7	AA-004	198,000 Gallon Fixed Roof Tank Storing Distillate Fuel Oil #2 (Tank #4)
EQPT8	AA-005	714,000 Gallon Fixed Roof Tank Storing Distillate Fuel Oil #2 (Tank #5)
EQPT9	AA-006	714,000 Gallon External Floating Roof Tank Storing Gasoline or Diesel (Tank #6)
EQPT10	AA-007	1,688,000 Gallon Internal Floating Roof Tank Storing Gasoline or Diesel (Tank #7)
EQPT11	AA-008	10,575 Gallon Horizontal Tank Storing Generic Fuel Additive (CITGO Additive Tank)
EQPT12	AA-010	19,831 Gallon Fixed Roof Tank Storing Tank Water Bottoms (Calculated as Gasoline)(PCW Tank)
EQPT13	AA-011	1,000 Gallon Horizontal Tank Storing Pourback (Calculated as Gasoline)(Pourback Tank)
EQPT14	AA-012	30,156 Gallon Fixed Roof Tank Storing Petroleum Contact Water or Bio-Diesel (Physical Operating Capacity of 19,831 gallons)(Rack Water Holding Tank)
EQPT15	AA-013	2,000 Gallon Horizontal Tank Storing Generic Fuel Additive
EQPT16	AA-096	1,000 Gallon Horizontal Underground Tank Storing Rack Water (Calculated as Gasoline)(PCW Sump)
EQPT17	AA-014	1,000 Gallon Horizontal Tank Storing Generic Fuel Additive
EQPT18	AA-015	30,000 Gallon Vertical Fixed Roof Tank Storing Ethanol (Tank #15)
EQPT19	AA-016	30,000 Gallon Vertical Fixed Roof Tank Storing Ethanol (Tank #16)

CITGO Petroleum Corporation, Meridian Terminal Subject Item Inventory Permit Number:1460-00006 Activity ID No.: PER20130001

ID	Designation	Description
EQPT20	AA-017	30,000 Gallon Vertical Fixed Roof Tank Storing Ethanol (Tank #17)

KEY	
ACT = Activity	AI = Agency Interest
AREA = Area	CAFO = Concentrated Animal Feeding Operation
CONT = Control Device	EQPT = Equipment
IA = Insignificant Activity	IMPD = Impoundment
MAFO = Animal Feeding Operation	PCS = PCS
RPNT = Release Point	TRMT = Treatment
WDPT = Withdrawal Point	

CITGO Petroleum Corporation, Meridian Terminal Facility Requirements Permit Number:1460-00006 Activity ID No.: PER20130001

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AI0000005346 (5346) Bulk Fuel Terminal:

Limitation Requirements:

Conditio	n	
No.	Parameter	Condition
L-1		The facility is subject to and shall comply with the New Source Performance Standards (NSPS) 40 CFR 60, Subpart A-General Provisions and Subpart XX-Standards of Performance for Bulk Gasoline Terminals. [40 CFR 60_SUBPART XX]
L-2		The facility is subject to and shall comply with the National Emission Standards for Hazardous Air Pollutants for Source Category (NESHAP), 40 CFR 63, Subpart A-General Provisions and Subpart BBBBBB - Standards for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities. [40 CFR 63_SUBPART BBBBBB]
L-3		The permittee is limited to a maximum annual gasoline throughput of 176,000,000 gal/yr based on twelve (12) month rolling total. [APC-S-2 II.B(10)]
L-4		The permittee is limited to a maximum annual diesel throughput of 120,000,000 gal/yr based on a twelve (12) month rolling total. [APC-S-2 II.B(10)]
L-5		The permittee shall be limited to a maximum annual ethanol throughput of 26,400,000 gallons/year based on a (12) month rolling total. [APC-S-2 II.B(10)]
L-6		For Emission Points AA-002 and AA-006, the permittee shall install and maintain a storage tank pole float system as required by the "Storage Tank Emission Reduction Partnership program" between the Environmental Protection Agency and CITGO Petroleum Corporation. [APC-S-2 II.B(10)]

Record-Keeping Requirements:

Condition No.	Condition
R-1	The permittee shall maintain monthly records to document the facility's gasoline, diesel, and ethanol throughput rates. [APC-S-2 II.B(11)]
R-2	All records required by this permit shall be maintained at the facility and made available upon request by the Office of Pollution Control. [APC-S-2 II.B(11)]

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AI000005346 (continued):

Submittal/Action Requirements:

Condition No.	Condition
S-1	General Condition: Except as otherwise specified herein, the permittee shall report all deviations from permit requirements, including those attributable to upsets, the probable cause of such deviations, and any corrective actions or preventive measures taken. Said report shall be made within five (5) working days of the time the deviation began. [11 Miss. Admin.Code Pt. 2, R.2.2.B(10).]
S-2	Except as otherwise specified herein, the permittee shall Submit a certified annual synthetic minor monitoring report: Due annually by the 31st of January. This report shall address any required monitoring specified in the permit. Specifically, the report shall include a summary of the facility's gasoline, distillate fuel and ethanol throughput rates for the previous 12 month period. [APC-S-2 II.B(11)]

Condition No.	Condition
T-1	General Condition: Any activities not identified in the application are not authorized by this permit. [Miss. Code Ann. 49-17-29 1.b]
T-2	General Condition: The permittee shall at all times maintain in good working order and operate as efficiently as possible all air pollution control facilities or systems installed or used by the permittee to achieve compliance with the terms and conditions of this permit. [11 Miss. Admin. Code Pt. 2, R. 2.5.A.]
T-3	General Condition: Solids removed in the course of control of air emissions shall be disposed of in a manner such as to prevent the solids from becoming windborne and to prevent the materials from entering state waters without the proper environmental permits. [Miss. Code Ann. 49-17-29 1.a(i and ii)]
T-4	General Condition: Any diversion from or bypass of collection and control facilities is prohibited except as provided for in 11 Miss. Admin. Code Pt.2, R. 1.10, "Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants", [11 Miss. Admin.Code Pt. 2, R.1.10.]
T-5	General Condition: Should the Executive Director of the Mississippi Department of Environmental Quality declare an Air Pollution Emergency Episode, the permittee will be required to operate in accordance with the permittee's previously approved Emissions Reduction Schedule. [11 Miss. Admin.Code Pt. 2, R.2.10.]

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AI000005346 (continued):

Condition No.	Condition
T-6	General Condition: The permittee shall allow the Mississippi Department of Environmental Quality Office of Pollution Control and the Mississippi Environmental Quality Permit Board and/or their authorized representatives, upon the presentation of credentials: (a) To enter upon the permittee's premises where an air emission source is located or in which any records are required to be kept under the terms and conditions of this permit, and (b) At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit; to inspect any monitoring equipment or monitoring method required in this permit; and to sample any air emission. [Miss. Code Ann. 49-17-21]
T-7	General Condition: After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to: (a) Violation of any terms or conditions of this permit (b) Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or (c) A change in any condition that required either a temporary or permanent reduction or elimination of authorized air emissions. [11 Miss. Admin.Code Pt. 2, R. 2.2.C.]
T-8	General Condition: This permit and/or any part thereof may be modified, revoked, reopened, and reissued, or terminated for cause. Sufficient cause for this permit to be reopened shall exist when an air emissions stationary source becomes subject to Title V. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of the permit. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(b).]
T-9	General Condition: Except for data determined to be confidential under the Mississippi Air & Water Pollution Control Law, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Mississippi Department of Environmental Quality Office of Pollution Control. [Miss. Code Ann. 49-17-39]
T-10	General Condition: The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State, or local laws or regulations. [11 Miss. Admin.Code Pt. 2, R. 2.2.B(15)(c).]
T-11	General Condition: Nothing herein contained shall be construed as releasing the permittee from any liability for damage to persons or property by reason of the installation, maintenance, or operation of the air cleaning facility, or from compliance with the applicable statutes of the State, or with local laws, regulations, or ordinances. [11 Miss. Admin.Code Pt. 2, R. 2.2.B(7).]

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AI000005346 (continued):

Condition No.	Condition
T-12	General Condition: This permit may only be transferred upon approval of the Mississippi Environmental Quality Permit Board. [11 Miss. Admin. Code Pt. 2, R. 2.16.B.]
T-13	General Condition: This permit is for air pollution control purposes only. [11 Miss. Admin.Code Pt. 2, R. 2.1.D(1).]
T-14	General Condition: This permit is a Federally-approved permit to operate a synthetic minor source as described in 11 Miss. Admin. Code Pt. 2, R. 2.4.D [11 Miss. Admin.Code Pt. 2, R. 2.4.D.]
T-15	General Condition: The provisions of this permit are severable. If any provision of this permit, or the application of any provision of this permit to any circumstances, is challenged or held invalid, the validity of the remaining permit provisions and/or portions thereof or their application to other persons or sets of circumstances, shall not be affected thereby. [11 Miss. Admin.Code Pt. 2, R. 2.1.D(7).]
T-16	General Condition: The permittee shall furnish to MDEQ within a reasonable time any information MDEQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to MDEQ copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee shall furnish such records to MDEQ along with a claim of confidentiality. [11 Miss. Admin.Code Pt. 2, R. 2.2.B(15)(d).]

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AI000005346 (continued):

Condition No.	Condition
T-17	General Condition: This permit does not authorize a modification as defined in 11 Miss. Admin. Code Pt. 2, Ch. 2 "Permit Regulations for the Construction and/or Operation of Air Emissions Equipment". Modification is defined as "Any physical change in or change in the method of operation of a facility which increases actual emissions or potential uncontrolled emissions of any air pollutant subject to regulation under the Federal Act emitted into the atmosphere by that facility or which results in the emission of any air pollutant subject to regulation under the Federal Act emitted into the atmosphere by that facility or which results in the emission of any air pollutant subject to regulation under the Federal Act emitted into the atmosphere not previously emitted. A physical change or change in the method of operation shall not include: (a) routine maintenance, repair, and replacement; (b) use of an alternative fuel or raw material by reason of an order under Sections 2(a) and (b) of the Federal Energy Supply and Environmental Coordination Act of 1974 (or any superseding legislation) or by reason of a natural gas curtailment plan pursuant to the Federal Power Act; (c) use of an alternative fuel by reason of an order or rule under Section 125 of the Federal Act; (d) use of an alternative fuel or raw material by a stationary source which: (i) the source was capable of accommodating before January 6, 1975, unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR 51.166; or (ii) the source is approved to use under any permit issued under 40 CFR 52.51 or under regulations approved pursuant to 40 CFR 51.166; or (if) any change in ownership of the stationary source" [11 Miss. Admin.Code Pt. 2, R. 2.1.D(2).]
T-18	General Condition: It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit unless halting or reducing activity would create an imminent and substantial endangerment threatening the public health and safety of the lives and property of the people of this state. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(a).]
T-19	General Condition: The permittee shall retain all required records, monitoring data, supported information and reports for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records, all original strip-chart recordings or other data for continuous monitoring instrumentation, and copies of all reports required by this permit. Copies of such records shall be submitted to MDEQ as required by Applicable Rules and Regulations or this permit upon request. [11 Miss. Admin.Code Pt. 2, R.2.9.]
T-20	General Condition: The knowing submittal of a permit application with false information may serve as the basis for the Permit Board to void the permit issued pursuant thereto or subject the applicant to penalties for constructing or operating without a valid permit. [11 Miss. Admin.Code Pt. 2, R.2.2.B(5).]

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AI0000005346 (continued):

Narrative Requirements:

Condition No.	Condition
T-21	General Condition: Emergencies (a) Except as otherwise specified herein, an emergency means any situation arising from sudden and reasonably unforseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error. (b) An emergency constitutes an affirmative defense to an action brought for noncompliance with such technology-based emission limitations if the conditions specified in (c) following are met.
	(c) The affirmative defense of emergency shall be demonstrated through properly signed contemporaneous operating logs, or other relevant evidence as follows: (i) an emergency occurred and that the permittee can identify the cause(s) of the emergency; (ii) the permitted facility was at the time being properly operated; (iii) during the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other

- taken.
 (d) In any enforcement proceeding, the permittee seeking to establish the occurrence of any emergency has the burden of proof.
- (e) This provision is in addition to any emergency or upset provision contained in any applicable requirement specified elsewhere herein [11 Miss. Admin.Code Pt. 2, R.2.2.B(10).]

requirements in the permit; and (iv) the permittee submitted notice of the emergency to MDEQ within two (2) working days of the time when emission limitations were exceeded due to the emergency which contained a description of the emergency, any steps taken to mitigate emissions, and corrective actions

T-22 General Condition: Upsets

- (a) The occurrence of an upset constitutes an affirmative defense to an enforcement action brought for noncompliance with emission standards or other requirements of Applicable Rules and Regulations or any applicable permit if the permittee demonstrates through properly signed contemporaneous operating logs, or other relevant evidence that include information as follows: (i) an upset occurred and that the permittee can identify the cause(s) of the upset; (ii) the source was at the time being properly operated; (iii) during the upset the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements of Applicable Rules and Regulations or any applicable permit; (iv) the permittee submitted notice of the upset to the DEQ within five (5) working days of the time the upset began which contained a description of the upset, any steps taken to mitigate emissions, and corrective actions taken.
- (b) In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.
- (c) This provision is in addition to any upset provision contained in any applicable requirement. [11 Miss. Admin.Code Pt. 2, R.1.10.]

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AI000005346 (continued):

Condition No.	Condition		
T-23	General Condition: Startups and Shutdowns (a) Startups and shutdowns are part of normal source operation. Emissions limitations applicable to normal operation apply during startups and shutdowns except as follows: (i) when sudden, unavoidable breakdowns occur during a startup or shutdown, the event may be classified as an upset subject to the requirements above; (ii) when a startup or shutdown is infrequent, the duration of excess emissions is brief in each event, and the design of the source is such that the period of excess emissions cannot be avoided without causing damage to equipment or persons; or (iii) when the emissions standards applicable during a startup or shutdown are defined by other requirements of Applicable Rules and Regulations or any applicable permit. (b) In any enforcement proceeding, the permittee seeking to establish the applicability of any exception during a startup or shutdown has the burden of proof. (c) In the event this startup and shutdown provision conflicts with another applicable requirement, the more stringent requirement shall apply. [11 Miss. Admin.Code Pt. 2, R.1.10.]		
T-24	General Condition: Maintenance (a) Maintenance should be performed during planned shutdown or repair of process equipment such that excess emissions are avoided. Unavoidable maintenance that results in brief periods of excess emissions and that is necessary to prevent or minimize emergency conditions or equipment malfunctions constitutes an affirmative defense to an enforcement action brought for noncompliance with emission standards, or other regulatory requirements if the permittee can demonstrate the following: (i) the permittee can identify the need for the maintenance; (ii) the source was at the time being properly operated; (iii) during the maintenance the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements of Applicable Rules and Regulations or any applicable permit; (iv) the permittee submitted notice of the maintenance to MDEQ within five (5) working days of the time the maintenance began or such other times as allowed by MDEQ, which contained a description of the maintenance, any steps taken to mitigate emissions, and corrective actions taken. (b) In any enforcement proceeding, the permittee seeking to establish the applicability of this section has the burden of proof. (c) In the event this maintenance provision conflicts with another applicable requirement, the more stringent requirement shall apply. [11 Miss. Admin.Code Pt. 2, R.1.10.]		
T-25	General Condition: For renewal of this permit the applicant shall make application not less than one-hundred eighty (180) days prior to the expiration date of the permit substantiated with current emissions data, test results or reports or other data as deemed necessary by the Mississippi Environmental Quality Permit Board. [11 Miss. Admin.Code Pt. 2, R.2.8.]		
T-26	The operator of the equipment covered by this permit shall operate and maintain this equipment to assure that the emission rates will not, at any time, exceed the rates allowed by the Mississippi Air Emissions Regulations. [APC-S-2 II.B(10)]		

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CONT000000001 (AA-099) 80MMBTU/hr John Zink Natural Gas Fired Vapor Combustion Unit:

Limitation Requirements:

Condition	1	
No.	Parameter	Condition
L-1	Total Organic Compounds (TOC)	The permittee shall have emissions of Total Organic Compounds (TOC) <= 35 mg/L of gasoline loaded, not to exceed 13.07 lbs/hr and 57.27 tons/year, as determined by EPA Reference Methods and procedures as defined in 40 CFR 60.503. [40 CFR 60_SUBPART XX, APC-S-2 II.B(10)]
L-2		For Emission Point AA-099, the permittee shall meet all the design requirements of 40 CFR 60.502. [40 CFR 60_SUBPART XX]
Monito	ring Requirements:	
Condition	<u> </u>	
No.	Parameter	Condition
M-1		For Emission Point AA-099 and the vapor collection system, the permittee shall demonstrate compliance each month with Total Organic Compounds (TOC) liquid or vapor leaks by inspection during the loading of gasoline tank trucks. For purposes of this monitoring event, detection methods incorporating sight, sound, or smell are acceptable. Each detection of a leak shall be recorded and the source of the leak repaired within 15 calendar days after it is detected. [40 CFR 60_SUBPART XX.60.502(j.)]
Submit	tal/Action Requirements:	
Condition	 I	

Condition No.	Condition
S-1	For Emission Point AA-099, the permittee shall keep records and furnish reports as required by 40 CFR 60.505. [40 CFR 60.505]

GENERAL INFORMATION

CITGO Petroleum Corporation, Meridian Terminal
180 65th West Avenue
Meridian, MS
Lauderdale County

Alternate/Historic Identifiers

ID	Alternate/Historic Name	User Group	Start Date	End Date
5346	CITGO Petroleum Corporation	Official Site Name	9/10/1992	
2807500006	Citgo Petroleum Corp, Meridian Terminal	Air-AIRS AFS	10/12/2000	
MSD000609701	Citgo Petroleum Corporation, Meridian Terminal	Hazardous Waste-EPA ID	9/10/1992	
146000006	Citgo Petroleum Corporation, Meridian Terminal	Air-State Operating	8/9/1994	8/1/1999
MS0021211	Citgo Petroleum Corporation, Meridian Terminal	Water - NPDES	10/11/1994	10/10/1999
146000006	Citgo Petroleum Corporation, Meridian Terminal	Air-Synthetic Minor Operating	4/30/2001	3/31/2006
MS0021211	Citgo Petroleum Corporation, Meridian Terminal	Water - NPDES	5/15/2002	4/30/2007
146000006	CITGO Petroleum Corporation, Meridian Terminal	Air-Synthetic Minor Operating	6/29/2006	5/31/2011
MS0021211	Citgo Petroleum Corporation, Meridian Terminal	Water - NPDES	5/1/2007	4/30/2012
5346 001	CITGO Petroleum, Meridian	GARD	7/1/1986	
146000006	CITGO Petroleum Corporation, Meridian Terminal	Air-Synthetic Minor Operating	12/7/2011	11/30/2016
MS0021211	CITGO Petroleum Corporation, Meridian Terminal	Water - NPDES	10/1/2013	9/30/2018

Basin: Pascagoula River Basin

Location Description:PG- Plant Entrance (General). Data collected by Marcus Brown on 11/10/2005. Elevation 340 feet. On 65th Avenue off of Interstate 20 Frontage Road.

GENERAL INFORMATION

Relevant Documents:

New Source Performance Standard Subpart XX (40 CFR 60) National Emission Standard for Hazardous Air Pollutants, Subpart BBBBB (40 CFR 63)