

STATE OF MISSISSIPPI AIR POLLUTION CONTROL PERMIT

TO CONSTRUCT AIR EMISSIONS EQUIPMENT

THIS CERTIFIES THAT

ChevronTexaco Products Company
Pascagoula Refinery
250 Industrial Road
Pascagoula, Mississippi
Jackson County

“Pascagoula Marketing Terminal Project”

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



AUTHORIZED SIGNATURE

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Issued: April 22, 1999

Permit No.: 1280-00058

Modified: AUG 9 2005

Part I.
GENERAL CONDITIONS

1. Any activities not identified in the application are not authorized by this permit.
2. All air pollution control facilities shall be designed and constructed such as to allow proper operation and maintenance of the facilities.
3. 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.
4. The air pollution control facilities shall be constructed such that diversion from or bypass of collection and control facilities is not needed except as provided for in Regulation APC-S-1, "Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants", Section 10.
5. The construction of facilities shall be performed in such a manner as to reduce both point source and fugitive dust emissions to a minimum.
6. The permittee shall allow the Mississippi Department of Environmental Quality Office of Pollution Control and the Mississippi Environmental Quality Permit Board and/or their representatives upon 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 emissions.
7. 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 requires either a temporary or permanent reduction or elimination of authorized air emissions.

8. 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.
9. 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.
10. 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. This permit may only be transferred upon approval of the Mississippi Environmental Quality Permit Board.
12. This permit is for air pollution control purposes only.
13. Approval to construct will expire should construction not begin within eighteen (18) months of the issuance of this permit, or should construction be suspended for eighteen (18) months.
14. Prior to startup of air emissions equipment at this source, the permittee must obtain a Permit to Operate and submit certification that construction was completed in accordance with the approved plans and specifications.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning **MODIFICATION DATE**, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point CG-002 (formerly AN-000-VRU and AN-000-RACK), the tank truck loading terminal consisting of three loading racks, additive injection systems, and two Vapor Recovery Units (VRUs) for the control of gasoline loading emissions.

The air emissions equipment shall be constructed to comply with the emission limitations and monitoring requirements specified below.

EMISSION LIMITATIONS

Total Organic Compounds	10 milligrams of total organic compounds per liter of gasoline loaded
Opacity	40% as determined by EPA Test Method 9, 40 CFR 60, Appendix A.

All test methods specified above shall be those versions, or their approved equivalents, which are in effect **MODIFICATION DATE**.

FUEL THROUGHPUT LIMIT

The permittee shall limit the annual throughput of fuel at the marketing terminal, based on a consecutive 365-day period, to the following:

Gasoline (including aviation gasoline):	300,000,000 gallons/year
Diesel:	250,000,000 gallons/year
Jet fuel:	30,000,000 gallons/year

MONITORING REQUIREMENTS

The permittee shall install, calibrate, certify, operate, and maintain a continuous emission monitoring system (CEMS) capable of measuring organic compound concentration in the exhaust air stream. (Ref.: §63.427(a)(1)) The continuous monitoring system shall meet the performance specifications required by the applicable standards in 40 CFR Part 63, Subpart A – *General Provisions*, as specified in Table 1 to Subpart R.

EQUIPMENT LEAK REQUIREMENTS

Beginning [180 days of MODIFICATION DATE], the permittee shall comply with the requirements for *Equipment Leak Components* specified under §63.2346(c) for all equipment leak components within the Pascagoula Marketing Terminal. Under §63.2346(c), the permittee shall comply with the applicable requirements of 40 CFR Part 63, Subpart TT. These requirements shall be in addition to those Equipment Leak Standards under §63.424 and §60.502(j). For the purpose of this permitting requirement, equipment leak components include pumps, valves, sampling connection systems, and any other components defined in the applicable subpart(s) used in gas or vapor service, light liquid service, and heavy liquid service.

RECORDKEEPING REQUIREMENTS

The following records shall be maintained in accordance with Part III, Condition (1). The following recordkeeping requirements may not encompass all of the recordkeeping required by the federal regulations.

- (a) The permittee shall record the daily amount of gasoline, diesel, and jet fuel loaded at the marketing terminal in gallons per day and shall calculate the total amount of each fuel loaded in gallons per year for each consecutive 365-day period.
- (b) The permittee shall maintain up-to-date records of the vapor tightness documentation described in §63.428(b) for each gasoline cargo tank which is to be loaded at the affected facility. These records shall be kept on file at the terminal in a permanent form available for inspection. For facilities that utilize a terminal automation system to prevent gasoline cargo tanks that do not have valid cargo tank tightness documentation from loading, a copy of the documentation shall be made available for the permitting authority representative during the course of a site visit or within a mutually agreeable time frame. (Ref.: §63.422(c), §63.428(b) and (k)(2), §60.502(e), §60.505(a), (b), and (e)(2))
- (c) The permittee shall record the tank identification number of each gasoline tank truck as it is loaded at the facility. The permittee shall cross-check each tank identification number obtained in §60.502(e)(2), as summarized above, with the file of tank vapor tightness documentation required in §60.505(a) within two (2) weeks after the corresponding tank is loaded, except as specified in §60.502(e)(3)(i)(A) or (B). Alternate procedures for limiting gasoline tank truck loading may be used upon application to, and approval by, the Administrator. (Ref.: §63.422(a) and (c), §60.502(e)(2), (3), and (6))

- (d) The permittee shall keep an up-to-date, readily accessible record of the continuous monitoring data required under §63.427(a). This record shall indicate the time intervals during which loadings of gasoline cargo tanks have occurred or, alternatively, shall record the operating parameter data only during such loadings. The date and time of day shall also be indicated at reasonable intervals on this record. (Ref.: §63.428(c)(1))
- (e) The permittee shall record the information in §63.428(e)(1)-(7) in the log book for each leak that is detected. (Ref.: §63.428(e) and §60.505(c))
- (f) The permittee shall keep equipment leak records to comply with 40 CFR Part 63, Subpart TT, as required by §63.2346(c).

REPORTING REQUIREMENTS

The permittee shall submit reports of any deviations in accordance with Part III, Condition (2). The permittee shall submit semiannual reports including, but not limited to, the following information:

- (a) The total amount of each fuel loaded for each consecutive 365-day period during the semiannual period.
- (b) Each loading of a gasoline cargo tank for which vapor tightness documentation had not been previously obtained by the facility. (Ref.: §63.428(g)(1) and)
- (c) The number of equipment leaks not repaired within 5 days after detection. (Ref.: §63.428(g)(3))
- (d) An excess emissions report of each exceedance of the total organic compounds standard for loading racks in accordance with §63.10(e)(3), each instance a non vapor-tight gasoline cargo tank reloaded at the facility before vapor tightness documentation for that cargo tank was obtained, and each occurrence of an equipment leak for which no repair attempt was made within 5 days or for which repair was not completed within 15 days after detection.. (Ref.: §63.428(h)(1)-(4))

**PART III
OTHER REQUIREMENTS**

- (1) The permittee shall retain records of all required monitoring data and support information required by this permit for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. These records shall be made available for review upon request from DEQ personnel.
- (2) The permittee shall report any deviations from the permit requirements, including deviations attributable to upsets, within two (2) working days of such deviation. The reports shall also include the cause of the deviation(s) and any corrective action or preventive measure taken. A copy of the report shall be maintained in accordance with Part III, Condition (1).
- (3) The facility is subject to and shall comply with the New Source Performance Standards (NSPS) for Bulk Gasoline Terminals (40 CFR Part 60, Subpart XX) and the NSPS General Provisions (40 CFR Part 60, Subpart A). The affected facility to which the provisions of this subpart apply is the total of all the loading racks at a bulk gasoline terminal which deliver product into gasoline tank trucks.
- (4) The facility is subject to and shall comply with the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Benzene Waste Operations (40 CFR Part 61, Subpart FF) and the General Provisions (40 CFR Part 61, Subpart A).
 - (a) The provisions of this subpart apply to owners and operators of chemical manufacturing plants, coke by-product recovery plants, and petroleum refineries.
 - (b) The provisions of this subpart apply to owners and operators of hazardous waste treatment, storage, and disposal facilities that treat, store, or dispose of hazardous waste generated by any facility listed in §61.340(a). The waste streams at hazardous waste treatment, storage, and disposal facilities subject to the provisions of this subpart are the benzene-containing hazardous waste from any facility listed in §61.340(a).
 - (c) At each facility identified in §61.340(a) or (b), the following waste is exempt from the requirements of this subpart:
 - (1) Waste in the form of gases or vapors that is emitted from process fluids; and
 - (2) Waste that is contained in a segregated storm water sewer system.
 - (d) At each facility identified in §61.340(a) or (b), any gaseous stream from a waste management unit, treatment process, or wastewater treatment

system routed to a fuel gas system, as defined in §61.341, is exempt from this subpart. No testing, monitoring, recordkeeping, or reporting is required under this subpart for any gaseous stream from a waste management unit, treatment process, or wastewater treatment unit routed to a fuel gas system.

- (5) The facility is subject to and shall comply with the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (40 CFR Part 63, Subpart R) and the General Provisions (40 CFR Part 63, Subpart A), as indicated in 40 CFR Part 63, Subpart R, Table 1.
- (a) The affected source to which these provisions apply is each bulk gasoline terminal and each pipeline breakout station, except those specified in §63.420(a)(1) and (2) and §63.420(b)(1) and (2).
 - (b) Each owner or operator of a bulk gasoline terminal or pipeline breakout station subject to the provisions of this subpart that is also subject to applicable provisions of 40 CFR Part 60, Subpart K_b or XX shall comply with the provisions in each subpart that contain the most stringent control requirements for that facility.
 - (c) A bulk gasoline terminal or pipeline breakout station with a Standard Industrial Classification code 2911 locate within a contiguous area and under common control with a refinery complying with Subpart CC, §§63.646, 63.648, 63.649, and 63.650 is not subject to Subpart R standards, except as specified in Subpart CC, §63.650.
- (6) The facility is subject to and shall comply with the National Emission Standards for Hazardous Air Pollutants (NESHAP) from Petroleum Refineries (40 CFR Part 63, Subpart CC) and the General Provisions (40 CFR Part 63, Subpart A), as indicated in 40 CFR Part 63, Subpart CC, Table 6.
- (a) This subpart applies to petroleum refining process units and to related emission points that are specified in §63.640(c)(5) through (c)(7) that are located at a plant site that meets the criteria in §63.640(a)(1) and (a)(2).
 - (b) For the purpose of this subpart, the affected source shall comprise all emission points, in combination, listed in §63.640(c)(1) through (c)(7) that are located at a single refinery plant site.
 - (c) The affected source subject to this subpart does not include the emission points listed in §63.640(d)(1) through (d)(5).

- (7) The facility is subject to and shall comply with the National Emission Standards for Hazardous Air Pollutants (NESHAP): Organic Liquids Distribution (40 CFR Part 63, Subpart EEEE) and the General Provisions (40 CFR Part 63, Subpart A), as indicated in 40 CFR Part 63, Subpart EEEE, Table 12.
- (a) This subpart applies to an Organic Liquid Distribution (OLD) operation that is located at, or is part of, a major source of HAP emissions. An OLD may occupy an entire plant site or be collocated with other industrial operations at the same plant site.
 - (b) The affected source is the collection of activities and equipment used to distribute organic liquids into, out of, or within a facility that is a major source of HAP and includes activities and equipment listed in §63.2238(b)(1) through (4).
 - (c) The equipment listed in §63.2238(c)(1) through (4) and used in the identified operations is excluded from the affected source. The exclusions include storage tanks, transfer racks, and equipment leak components that are part of an affected source under another 40 CFR Part 63 NESHAP.