

# **STATE OF MISSISSIPPI AIR POLLUTION CONTROL PERMIT**

**TO CONSTRUCT AIR EMISSIONS EQUIPMENT**

## **THIS CERTIFIES THAT**

Hunt Southland Refining Company  
2600 Dorsey Street  
Vicksburg, Mississippi  
Warren 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**

  
\_\_\_\_\_  
**AUTHORIZED SIGNATURE**

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Issued: October 1, 2008**

**Modified: JAN 09 2012**

**Permit No.: 2780-00059**

**Part I.**

**A. GENERAL CONDITIONS**

1. This permit is for air pollution control purposes only. (Ref.: APC-S-2, Section I.D)
2. Any activities not identified in the application are not authorized by this permit. (Ref.: Miss. Code Ann. 49-17-29 1.b)
3. 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. (Ref.: APC-S-2, Section II.B.5)
4. 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. (Ref.: APC-S-2, Section I.D.6)
5. 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. (Ref.: APC-S-2, Section II.B.7)
6. 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. (Ref.: APC-S-2, Section II.B.15(a))
7. 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. (Ref.: APC-S-2, Section II.B.15(b))
8. The permit does not convey any property rights of any sort, or any exclusive privilege. (Ref.: APC-S-2, Section II.B.15(c))
9. 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. (Ref.: APC-S-2, Section II.B.15(d))

10. Design and Construction Requirements: The stationary source shall be designed and constructed so as to operate without causing a violation of an Applicable Rules and Regulations, 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. (Ref.: APC-S-2, Section V.A)
11. Solids Removal: 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. (Ref.: Miss. Code Ann. 49-17-29)
12. Diversion and Bypass of Air Pollution Controls: 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. (Ref.: APC-S-1, Section 10)
13. Fugitive Dust Emissions from Construction Activities: 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. (Ref.: APC-S-2, Section V.A.4)
14. Right of Entry: 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. (Ref.: Miss. Code Ann. 49-17-21)
15. Permit Modification or Revocation: After notice and opportunity for a hearing, the Permit Board may modify the permit or revoke it in whole or in part for good cause shown including, but not limited to:
  - a) Persistent violation of any of the 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 federal, state, or local laws or regulations that require either a temporary or permanent reduction or elimination of previously authorized air emission.

(Ref.: APC-S-2, Section II.C)

16. Public Record and Confidential Information: 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. (Ref.: Miss. Code Ann. 49-17-39)
17. Permit Transfer: This permit shall not be transferred except upon approval of the Permit Board. (Ref.: APC-S-2, Section XVI.B)
18. Severability: 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. (Ref. APC-S-2, Section I.D.7)
19. Permit Expiration: 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. (Ref.: APC-S-2, Section V.C.1)
20. Certification of Construction: A new stationary source issued a Permit to Construct cannot begin operation until certification of construction by the permittee. (Ref.: APC-S-2, Section V.D.3)
21. Beginning Operation: Except as prohibited in Part I, Condition 24 of this permit, after certification of construction by the permittee, the Permit to Construct shall be deemed to satisfy the requirement for a permit to operate until the date the application for issuance or modification of the Title V Permit or the application for issuance or modification of the State Permit to Operate, whichever is applicable, is due. This provision is not applicable to a source excluded from the requirement for a permit to operate as provided by APC-S-2, Section XIII.G. (Ref.: APC-S-2, Section V.D.4)
22. Application for a Permit to Operate: Except as otherwise specified in Part I, Condition 24 of this permit, 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. (Ref.: APC-S-2, Section V.D.5)

23. Operating Under a Permit to Construct: Except as otherwise specified in Part I, Condition 24 of this permit, 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. (Ref.: APC-S-2, Section V.D.6)
24. Application Requirements for a Permit to Operate for Moderate Modifications: 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. (Ref.: APC-S-2, Section V.D.7)
25. Compliance Testing: 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.
- (Ref.: APC-S-2, Section VI.B.3, 4, and 6)

**B. GENERAL NOTIFICATION REQUIREMENTS**

1. Within fifteen (15) days of beginning actual construction, the permittee must notify DEQ in writing that construction has begun. (Ref.: APC-S-2, Section V.C.2)
2. The permittee must notify DEQ in writing when construction does not begin within eighteen (18) months of issuance or if construction is suspended for eighteen (18) months or more. (Ref.: APC-S-2, Section V.C.3)
3. Upon the completion of construction or installation of an approved stationary source or modification, the applicant shall notify the Permit Board that construction or installation was performed in accordance with the approved plans and specifications on file with the Permit Board. (Ref.: APC-S-2, Section V.D.1)
4. The Permit Board shall be promptly notified in writing of any change in construction from the previously approved plans and specifications or permit. If the Permit Board determines the changes are substantial, it 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. (Ref.: APC-S-2, Section V.D.2)

**Part II.**  
**SPECIFIC EMISSION POINT REQUIREMENTS FOR**  
**COMBUSTION SOURCES**

Beginning upon permit issuance, the permittee shall continue to operate air emissions equipment for the emission of air contaminants from the following combustion sources:

<b>Emission Point</b>	<b>Description</b>
AA-001	14 MMBtu/hr Fire Tube Asphalt Heater
AA-003	5 MMBtu/Hr Hot Oil Heater

**Operating Restrictions**

For Emission Points AA-001 and AA-003, the permittee shall not combust any fuel other than natural gas.

**PART III**  
**SPECIFIC EMISSION POINT REQUIREMENTS FOR**  
**PROCESS EQUIPMENT LEAKS**

Beginning upon permit issuance, the permittee is authorized to construct or modify additional process components (piping, flanges, etc.) for the emission of air contaminants from Emission Point AA-004, Process Equipment Leaks.

**PART IV**  
**SPECIFIC EMISSION POINT REQUIREMENTS FOR**  
**FUEL LOADING/UNLOADING OPERATIONS**

Beginning upon permit issuance, the permittee is authorized to construct or modify equipment necessary for truck loading operations for the emission of air contaminants from Emission Point AA-005, Fuel Loading/Unloading Operations with VOC emissions.

**Recordkeeping and Reporting Requirements**

For Emission Point AA-005, the permittee shall maintain records of the type and amount of product loaded each month by barge and truck.

**PART V**  
**SPECIFIC EMISSION POINT REQUIREMENTS FOR**  
**OIL WATER SEPARATOR**

Beginning upon permit issuance, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-006, Oil Water Separator.

**PART VI**  
**SPECIFIC EMISSION POINT REQUIREMENTS FOR STORAGE TANKS**

Beginning upon permit issuance, the permittee is authorized to modify air emissions equipment for the emission of air contaminants from the following storage tanks:

<b>Emission Point</b>	<b>Plant Reference</b>	<b>Material Stored</b>	<b>Capacity (Gallons)</b>	<b>Roof Type</b>	<b>Maximum True Vapor Pressure (psia)</b>
AB-001	V060000	Asphalt, Middle Distillate, and Gas Oils	2,521,382	Vertical Fixed Roof	0.5
AB-002	V060001	Asphalt, Middle Distillate, and Gas Oils	2,553,707	Vertical Fixed Roof	0.5
AB-003	V080000	Asphalt, Middle Distillate, and Gas Oils	3,360,542	Vertical Fixed Roof	0.5
AB-004	V025014	Middle/Light Distillates, Ethanol, and Gas Oils	1,050,000	Internal Floating Roof	<11.1
AB-005	V023011	Middle/Light Distillates, Ethanol, and Gas Oils	1,050,000	Internal Floating Roof	<11.1
AB-006	V010012	Middle/Light Distillates, Ethanol, and Gas Oils	420,000	Internal Floating Roof	<11.1
AB-008	V009004	Middle/Light Distillates, Ethanol, and Gas Oils	378,000	Internal Floating Roof	<11.1
AB-009	V002567	Asphalt, Middle Distillate, and Gas Oils	93,334	Vertical Fixed Roof	0.5
AB-010	V003670	Asphalt, Middle Distillate, and Gas Oils	155,987	Vertical Fixed Roof	0.5
AB-011	V000401	Asphalt, Middle Distillate, and Gas Oils	158,631	Vertical Fixed Roof	0.5
AB-012	V015001	Asphalt, Middle Distillate, and Gas Oils	688,318	Vertical Fixed Roof	0.5
AB-013	V032031	Asphalt, Middle Distillate, and Gas Oils	1,236,768	Vertical Fixed Roof	0.5
AB-014	V027010	Asphalt, Middle Distillate, and Gas Oils	1,089,772	Vertical Fixed Roof	0.5
AB-015	V022002	Asphalt, Middle Distillate, and Gas Oils	953,825	Vertical Fixed Roof	0.5
AB- 016	V009003	Asphalt, Middle Distillate, and Gas Oils	375,554	Vertical Fixed Roof	0.5
AB-017	V010007	Asphalt, Middle Distillate, and Gas Oils	395,569	Vertical Fixed Roof	0.5

**Emission Standards and Operating Restrictions:**

1. For Emission Points AB-001 through AB-017, the permittee shall not store any liquid with a true vapor pressure greater than that specified in the table above for each tank.

2. For Emission Points AB-004, AB-005, AB-006, and AB-008, the permittee is subject to and shall comply with the applicable requirements of 40 CFR Part 60, Subpart Kb (*Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels*) and Subpart A (*General Provisions*).
3. For Emission Points AB-004, AB-005, AB-006, and AB-008, the permittee shall equip each storage vessel (tank) with a fixed roof in combination with an internal floating roof meeting the specifications of §60.112b(a)(1)(i)-(ix). (Ref.: §60.112b(a)(1))

**Recordkeeping and Reporting Requirements:**

1. For every storage tank, the permittee shall record the contents of the tank, the maximum true vapor pressure of each liquid stored in the tank, and the throughput of each liquid on a monthly basis.
2. The permittee shall maintain records of tank roof landings including the duration of the landing and calculated emissions from each landing.

**Part VII**  
**FACILITY-WIDE REQUIREMENTS**

**A. Facility-Wide Volatile Organic Compound (VOC) and Hazardous Air Pollutant (HAP) Limits**

1. For the entire facility, the permittee shall not emit more than 249 tons per year of VOC and no more than 9.9 tons per year of any individual HAP and 24.9 tons per year of total HAP, as determined for each consecutive 12-month period.
2. Using those emission factors approved in the application or subsequent factors based on actual data obtained from the facility, the permittee shall use results of the monitoring and recordkeeping required herein to calculate the facility-wide VOC, individual HAP, and total HAP emissions for each consecutive 12-month period.
3. The permittee shall submit these calculations in the semiannual report required in Part VII.G.

**B. National Emission Standard for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities**

1. The permittee is subject to and shall comply with applicable requirements of 40 CFR Part 63, Subpart BBBBBB (*National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities*) and 40 CFR Part 63, Subpart A (*General Provisions*). (Ref.: §63.11081(a))

**C. Smoke**

1. No person shall cause, permit, or allow the emission of smoke from a point source into the open air from any manufacturing, industrial, commercial or waste disposal process which exceeds forty (40) percent opacity subject to the exceptions provided in (2) and (3).
2. Startup operations may produce emissions which exceed 40% opacity for up to fifteen (15) minutes per startup in any one hour and not to exceed three (3) startups per stack in any twenty-four (24) hour period.
3. Emissions resulting from soot blowing operations shall be permitted provided such emissions do not exceed 60 percent opacity, and provided further that the aggregate duration of such emissions during any twenty-four (24) hour period does not exceed ten (10) minutes per billion BTU gross heating value of fuel in any one hour.

(Ref.: APC-S-1, Section 3.1)

- D. Equivalent Opacity.** No person shall cause, allow, or permit the discharge into the ambient air from any point source or emissions, any air contaminant of such opacity as to obscure an observer's view to a degree in excess of 40% opacity, equivalent to that provided in Part III.B.1 above. This shall not apply to vision obscuration caused by uncombined water droplets. (Ref.: APC-S-1, Section 3.2)
- E. General Nuisance.** No person shall cause, permit, or allow the emission of particles or any contaminants in sufficient amounts or of such duration from any process as to be injurious to humans, animals, plants, or property, or to be a public nuisance, or create a condition of air pollution.
1. No person shall cause or permit the handling or transporting or storage of any material in a manner which allows or may allow unnecessary amounts of particulate matter to become airborne.
  2. When dust, fumes, gases, mist, odorous matter, vapors, or any combination thereof escape from a building or equipment in such a manner and amount as to cause a nuisance to property other than that from which it originated or to violate any other provision of this regulation, the Commission may order such corrected in a way that all air and gases or air and gasborne material leaving the building or equipment are controlled or removed prior to discharge to open air.

(Ref.: APC-S-1, Section 3.3)

- F. Recordkeeping.** Except as otherwise specified herein, the permittee shall retain records of all required monitoring data and support information for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application.
- G. Reporting.** The permittee shall submit reports of any required monitoring by July 31 and January 31 for the preceding six-month period. All instances of deviations from permit requirements must be clearly identified.
- H. Deviations.** 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. Such report shall be postmarked no later than five (5) days from the time the deviation began.