



Jeb Bush
Governor

Mr. Rony François, M.D., M.S.P.H., Ph.D.
Secretary, Department of Health

AIR POLLUTION OPERATION PERMIT

PALM BEACH COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH AND ENGINEERING
P.O. Box 29 (901 Evernia Street)
West Palm Beach, Florida 33402-0029
Telephone: (561) 355-3136

ISSUED TO:

Permittee:

Charles Brown Oil Company, Inc.
810 N. Congress Avenue
Riviera Beach, Florida 33404

Authorized Representative:

Mr. Russell Lynes, President

ARMS No.: 0990588
Permit No.: 0990588-003-AO
Issued: May 11, 2006
Expires: May 10, 2011

*Note: A renewal application must
be submitted by March 10, 2011*

LOCATED AT:

Charles Brown Oil Company, Inc.
810 Congress Avenue
Riviera Beach, Florida 33404

Description: Bulk Gasoline Plant and Associated Activities
[SIC: 5171 – Petroleum Bulk Stations and Terminals]

STATEMENT OF BASIS:

The Palm Beach County Health Department (Health Department) issues this permit under the provisions of Chapter 403 of the Florida Statutes (F.S.) and Chapters 62-4 through 62-297 the Florida Administrative Code (F.A.C.). The Florida Department of Environmental Protection (DEP) has permitting jurisdiction under Chapter 403.087, F.S. However, in accordance with Section 403.182, F.S., the DEP recognizes the Health Department as the approved local air pollution control program in Palm Beach County. As such, the DEP and the Health Department have entered into a Specific Operating Agreement that authorizes the Health Department to issue or deny permits for this type of air pollution source located in Palm Beach County. The above named permittee is authorized to operate the facility in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Health Department.

ISSUED BY:

Executed in West Palm Beach, Florida.
PALM BEACH COUNTY HEALTH DEPARTMENT


James E. Stormer, Q.E.P., Environmental Administrator
Air Pollution Control Section
Division of Environmental Health and Engineering

*Air Permit Engineer: Antoine Devonshire
Filename: 0588003.PMT.*

SECTION I. SUMMARY INFORMATION**PERMIT HISTORY**

- April 24, 2000: Health Department received air permit application.
- May 23, 2000: Intent to Issue mailed.
- June 5, 2000: Public Notice Published.
- June 22, 2000: Initial Air Construction Permit Issued. (099-0588-001-AC)
- April 27, 2001: Health Department received air permit application.
- May 21, 2001: Initial Air Operation Permit Issued. (099-0588-002-AO)
- March 17, 2006: Health Department received air permit renewal application.
- April 5, 2006: Application deemed complete.

PERMIT CONTENT

- Section I: Summary Information
- Section II: Facility-Wide Specific Conditions
- Section III: Emissions Unit Specific Conditions
- Section IV: Appendices
 - Appendix A: General Permit Conditions*
 - Appendix B: Citation Format*

REGULATORY CLASSIFICATION

This source is classified as a non-Title V, synthetic-minor source of air pollution. The gasoline storage tanks are subject to Rule 62-252.300, Gasoline Service Stations - Stage I. The gasoline dispensing pumps are subject to Rule 62-252.400, Gasoline Dispensing Facilities - Stage II Vapor Recovery. The loading rack, specifically the gasoline loaders are subject to Rule 62-296.509, Bulk Gasoline Plants. The source will provide gasoline in bulk and to commercial and retail consumers.

EMISSIONS UNITS SUMMARY

This permit addresses the following emissions units:

EMISSIONS UNIT NO.	EMISSIONS UNIT DESCRIPTION
001	Underground Storage Tanks – Six (6) tanks including two (2) gasoline and four (4) diesel tanks each with a rated total capacity of 20,000 gallons. The gasoline tanks are equipped for Stage I and II vapor recovery systems. All the tanks are equipped with submerged fill pipes.
002	Loading Rack with Vapor Balance System – Five (5) loading arms including two (2) gasoline arms and three (3) diesel arms. The gasoline arms are designed for bottom loading. The diesel arms are equipped with fill pipes for submerged loading. The vapor balance system will return vapors to the gasoline storage tanks when loading gasoline.
003	Fuel Dispensing Operations – Fifteen (15) dispensing nozzles including eight (8) gasoline and seven (7) diesel. The gasoline operations are equipped with a Stage II Vapor Recovery System assigned identification number VR-390-00.

SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS**1.0 ADMINISTRATIVE**

- 1.1 **Regulating Agencies:** All applications, reports, tests, and notifications shall be submitted to the Air Pollution Control Section of the Palm Beach County Health Department (Health Department) at P.O. Box 29 (901 Evernia Street), West Palm Beach, Florida, 33402-0029, and phone number (561) 355-3435. In addition, *copies* shall be submitted to the Air Program, Southeast District Office, Florida Department of Environmental Protection (DEP) at 400 North Congress Avenue, Suite 200, West Palm Beach, Florida, 33401. [**Specific Operating Agreement**]
- 1.2 **General Permit Conditions:** The permittee shall be aware of, and operate under the attached General Permit Conditions listed in *Appendix A* of this permit. General Permit Conditions are binding and enforceable pursuant to Chapter 403 of the Florida Statutes. [**Rule 62-4.160, F.A.C.**]
- 1.3 **Citation Format:** The format for citing applicable regulations is provided in *Appendix B* of this permit.
- 1.4 **Application for Operation Permit:** The permittee shall apply for a renewal permit at least 60 days prior to the expiration of this operation permit. The application shall include: the Short Form Application [*DEP Form No. 62-210.900(2)*]; the correct application processing fee; all required test reports; and a summary of any changes or substitutions to the original equipment, processes, fuels, controls, etc. When the renewal application is timely and sufficient, the existing permit shall remain in effect until final action is taken by the Health Department. [**Rules 62-4.090 and 62-210.900, F.A.C.**]
- 1.5 **Applicable Regulations:** This facility is subject to the following regulations: Chapters 62-4, 62-210, 62-212, 62-296, and 62-297, F.A.C. Issuance of this permit does not relieve the facility owner or operator from compliance with any applicable federal, state, or local permitting requirements or regulations. [**Rule 62-210.300(2), F.A.C. and the SOA**]

2.0 EMISSION LIMITING AND PERFORMANCE STANDARDS

- 2.1 **General VOC Standards:** The owner or operator shall not store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds (VOC) or organic solvents without applying known and existing vapor emission control devices or systems. This includes: [**Rule 62-296.320(1), F.A.C.**]
- (a) Daily inspection, maintenance and repair of the system piping in order to minimize leaks and fugitive VOC emissions.
 - (b) All spills and leaks shall be cleaned up and repaired within 24 hours of identification.
 - (c) Vapor Balance System for the loading rack, including a leak-tight line piped from the gasoline storage tanks/compartments to the receiving vessel.
 - (d) Submerged fill pipes on the diesel storage tanks and loading arms.
- 2.2 **Objectionable Odors:** No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor. [**Rule 62-296.320(2), F.A.C.**]
- Note: An objectionable odor is defined as any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance. [Rule 62-210.200(200), F.A.C.]*
- 2.3 **General Visible Emissions Standard:** Unless otherwise specified by permit, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere any air pollutants from new, or existing emissions units, the opacity of which is equal to or greater than 20 percent. [**Rule 62-296.320(4)(b), F.A.C.**]
- 2.4 **Facility-Wide Emission Cap:** The permittee shall not cause, suffer, allow or permit the discharge of air pollutants (VOC) in an amount greater than or equal to ten (10) tons in any 12-month consecutive period. [**099-0588-001-AC**]
- 2.5 **Permitted Capacity:** The permittee shall not allow, cause, suffer, or permit the operation of the storage tanks, the loading rack, and the dispensing pumps, in excess of the following throughputs without prior authorization from the Permitting Authority: [**Rules 62-4.160(2), 62-210.200(228) and 62-210.300, F.A.C.**]
- (a) Annual gasoline throughput shall not be greater than 7.3 million gallons during any consecutive twelve-month period.
 - (b) Annual diesel throughput shall not exceed 29.2 million gallons during any consecutive twelve-month period.

SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

(c) Daily gasoline throughput shall not be greater than 20,000 gallons per day on an annual average.

{Permit Note: "Bulk Gasoline Plant" - A gasoline storage and distribution facility which receives gasoline from bulk terminals by trailer transport, stores it in tanks, and subsequently dispenses it to resellers, farms, businesses, service stations, or other end users, and which has an average annual daily throughput of less than 20,000 gallons (75,700 liters) but more than 2000 gallons (7,570 liters) calculated on the basis of days of actual operation.}

2.6 **Unconfined Emissions of Particulate Matter:** No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any activity, including vehicular movement; transportation of materials; construction, alteration, demolition or wrecking; or industrially related activities such as loading, unloading, storing or handling; without taking reasonable precautions to prevent such emissions. Reasonable precautions include the following: [Rule 62-296.320(4)(c), F.A.C.]

- Paving and maintenance of roads, parking areas and yards.
- Application of water or chemicals to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.
- Application of asphalt, water, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar activities.
- Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the facility to prevent reentrainment, and from buildings or work areas to prevent particulate from becoming airborne.
- Landscaping or planting of vegetation.
- Use of hoods, fans, filters, and similar equipment to contain, capture and/or vent particulate matter.
- Confining abrasive blasting where possible.
- Enclosure or covering of conveyor systems.

Note: Facilities that cause frequent, valid complaints will be required by the Health Department to take these or other reasonable precautions. In determining what constitutes reasonable precautions for a particular facility, the Health Department shall consider the cost of the control technique or work practice, the environmental impacts of the technique or practice, and the degree of reduction of emissions expected from a particular technique or practice.

3.0 OPERATION AND MAINTENANCE REQUIREMENTS

- 3.1 **Changes/Modifications:** The owner or operator shall submit to the Health Department for review any changes in, or modifications to: the method of operation; process or pollution control equipment; increase in hours of operation; equipment capacities; or any change which would result in an increase in potential emissions. Depending on the size and scope of the modification, it may be necessary to submit an application for, and obtain, an air construction permit prior to making the desired change. *Routine maintenance of equipment would not constitute a modification of this permit.* [Rules 62-4.030, 62-4.070(3), and 62-210.300, F.A.C.]
- 3.2 **Plant Operation - Problems:** If temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by hazard of fire, wind or by other cause, the owner or operator shall notify the Health Department as soon as possible, but at least within (1) working day, excluding weekends and holidays. The notification shall include: pertinent information as to the cause of the problem; the steps being taken to correct the problem and prevent future recurrence; and where applicable, the owner's intent toward reconstruction of destroyed facilities. Such notification does not release the permittee from any liability for failure to comply with the conditions of this permit and the regulations. [Rule 62-4.130, F.A.C.]
- 3.3 **Circumvention:** The owner or operator shall not circumvent air pollution control equipment/methods or allow the emission of air pollutants without the equipment/methods operating properly. [Rule 62-210.650, F.A.C.]
- 3.4 **Excess Emissions Requirements** [Rule 62-210.700, F.A.C.]
- (a) Excess emissions resulting from start-up, shutdown or malfunction of these emissions units shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized, but in no case exceed two hours in any 24 hour period unless specifically authorized by the Health Department for longer duration. [Rule 62-210.700(1), F.A.C.]

SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

- (b) Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during start-up, shutdown, or malfunction are prohibited. [Rule 62-210.700(4), F.A.C.]
- (c) In case of excess emissions resulting from malfunctions, the owner or operator shall notify the Air Pollution Control Section of the Palm Beach County Health Department within one working day of: the nature, extent, and duration of the excess emissions; the cause of the problem; and the corrective actions being taken to prevent recurrence. [Rule 62-210.700(6), F.A.C.]

4.0 COMPLIANCE MONITORING REQUIREMENTS

- 4.1 **Duration:** All records and reports required by this permit shall be kept for at least 2 years from the date the information is recorded. [Rule 62-4.070(3), F.A.C.]
- 4.2 **Test Procedures** shall meet all applicable requirements of the Chapter 62-297, F.A.C. See *Appendix D* of this permit for a summary of these requirements. [Rule 62-297.100, F.A.C.]
- 4.3 **Test Notification:** The permittee shall notify the Health Department, in writing, at least 15 days prior to the date on which each formal compliance test is to begin, of the test date, the expected test time, the location of the test, the facility contact person responsible for coordinating the test, and the person or company conducting test. The 15 day notification requirement may be waived at the discretion of the Health Department. Likewise, if circumstances prevent testing during the test window specified for the emissions unit, the owner or operator may request an alternate test date before the expiration of this window. [Rule 62-297.310(7)(a)9., F.A.C.]

5.0 REPORTS REQUIRED

- 5.1 **Annual Operations Report:** Before March 1st of each year, the owner or operator shall submit an Annual Operations Report [DEP Form No. 62-210.900(5)] to the Health Department which summarizes operations for the previous calendar year. [Rule 62-210.370(3), F.A.C.]
- 5.2 **Excess Emissions Report:** If excess emissions occur, the owner or operator shall notify the Air Compliance Program of the Health Department within one working day of: the nature, extent, and duration of the excess emissions; the cause of the excess emissions; and the actions taken to correct the problem. In addition, the Health Department may request a written summary report of the incident. [Rules 62-4.130 and 62-210.700(6), F.A.C.]
- 5.3 **Recordkeeping:** The permittee shall maintain the following records, which shall be available for inspection by the Health Department upon request at the gasoline dispensing facility. If records are not kept at the facility, they shall be made available at the facility or other location acceptable to the Department upon seven days' notice. Records of the following are required: [Rules 62-252.400(6) and 62-4.070(3), F.A.C.]
 - (a) Monthly fuel quantities delivered to the facility.
 - (b) Monthly fuel quantities dispensed at the loading rack, commercial and retail pumps
 - (c) Log of maintenance inspections of Stage II system components.
 - (d) All invoices or work orders of any repairs performed on Stage II system components.
 - (e) All results of any tests of the Stage II system and its components.
 - (f) A copy of this permit and any operating permits issued by the Health Department for the operation of the facility.

6.0 WASTE REQUIREMENTS

- 6.1 **Waste Disposal:** The owner or operator shall treat, store, and dispose of all liquid, solid, and hazardous wastes in accordance with all applicable Federal, State, and Local regulations. This air pollution permit does not preclude the permittee from securing any other types of required permits, licenses, or certifications.

SECTION III. A. EMISSIONS UNIT SPECIFIC CONDITIONS

GROUP A. This portion of the permit addresses the following group of emissions units:

EMISSION UNIT NO.	EMISSIONS UNIT DESCRIPTION
001	Underground Storage Tanks – Six (6) tanks including two (2) gasoline and four (4) diesel tanks each with a rated total capacity of 20,000 gallons. The gasoline tanks are equipped for Stage I and II vapor recovery systems. All the tanks are equipped with submerged fill pipes.

A.1.0. EQUIPMENT SPECIFICATIONS AND REQUIREMENTS

- A.1.1 Underground Storage Tanks: The permittee is authorized to operate two (2) gasoline and four (4) diesel tanks. Each tank shall have a design capacity of 20,000 gallons. Each gasoline tank may contain up to two (2) compartments. [099-0588-001-AC]
- A.1.2 Stage I Vapor Recovery System: The permittee shall install and maintain a vapor-tight line from each gasoline storage tank/compartments to the delivery vessel and a system that will ensure the vapor line is connected before gasoline can be transferred into the tank. [Rule 62-252.300(3)(a)1, F.A.C.]
 {Permitting Note: "Stage I Vapor Recovery System" - A system that captures and transfers gasoline vapors, which are generated by the transfer of gasoline from a delivery vessel to a gasoline dispensing facility's stationary tanks, into a vapor-tight delivery vessel through direct displacement caused by the gasoline being loaded.}
- A.1.3 Stage II Vapor Recovery System: The permittee shall install and maintain a system that is at least 95 percent efficient in the recovery by weight of vapors displaced from a vehicular fuel tank during refueling. [Rule 62-252.400(3)(a), F.A.C.]
- A.1.4 Tank Gauging and Sampling Sites: The permittee shall ensure and maintain that all tank gauging and sampling sites are made vapor-tight so as to prevent emissions except when gauging or sampling takes place. All pressure and vacuum test ports shall be above grade but not more than thirty-six inches above grade. All overfill drains shall be made vapor-tight. No remote vapor check valves shall be used on balance-type systems. [Rule 62-252.400(3)(b), F.A.C.]
- A.1.4 Submerged Filling: The permittee shall equip and maintain each gasoline and each diesel storage tank/compartments with a drop tube or pipe which extends to within 6 inches of the tank bottom. [Rules 62-252.300(2), 62-296.320(1)(a), and 62-296.509(2)(a), F.A.C. and Permit Application]
- A.2.0 **EQUIPMENT SPECIFICATIONS AND REQUIREMENTS**
- A.2.1 Prohibition: The permittee shall not transfer or cause or allow the transfer of gasoline from any delivery vessel into any stationary storage tank unless the tank is equipped for submerged filling and the vapors displaced from the storage tank during filling are processed by a vapor recovery system in accordance with Rule 62-252.300(3), F.A.C. [Rule 62-252.300(2), F.A.C.]
- A.2.2 Delivery Vessels: The permittee shall ensure that each gasoline vapor-laden delivery vessel complies with the following conditions: [Rule 62-252.300(3)(b)1 & 2, F.A.C.]
- (a) The delivery vessel shall be designed and maintained to be vapor-tight at all times except for normal pressure vacuum venting as required by the Federal Department of Transportation or for maintenance, inspection, or gauging; and
 - (b) The vapor-laden delivery vessel shall be refilled only at a bulk gasoline plant or terminal complying with Rule 62-296.509 or 62-296.510, F.A.C.

SECTION III. B. EMISSIONS UNIT SPECIFIC CONDITIONS

GROUP B. This portion of the permit addresses the following group of emissions units:

EMISSION UNIT NO.	EMISSIONS UNIT DESCRIPTION
002	Loading Rack with Vapor Balance System – Five (5) loading arms including two (2) gasoline arms and three (3) diesel arms. The gasoline arms are designed for bottom loading. The diesel arms are equipped with fill pipes for submerged loading. The vapor balance system will return vapors to the gasoline storage tanks when loading gasoline.

B.1.0 EQUIPMENT SPECIFICATIONS AND REQUIREMENTS

- B.1.1 Loading Rack: The permittee is authorized to install and operate a single loading rack equipped with a total of five (5) loading arms and a vapor balance system. The loading arms shall include two (2) gasoline and three (3) diesel arms. [099-0588-001-AC]
- B.1.2 Bottom Filling: The permittee shall ensure the gasoline loading arms are designed, equipped, and maintained to allow bottom loading only. [099-0588-001-AC]
- B.1.3 Submerged Filling: The permittee shall ensure that the diesel loading arms are designed, equipped, and maintained with fill pipes to allow submerged filling. [099-0588-001-AC]
- B.1.4 Air Quality Control System: The permittee shall install and maintain a vapor balance system that includes a vapor-tight line from each gasoline storage tank/compartments to the receiving vessel. {099-0588-001-AC and Rule 62-296.320(1)(a), F.A.C.}

B.2.0 OPERATING RESTRICTIONS

- B.2.1 Permitted Capacity: The permittee shall not allow, cause, suffer, or permit the operation of the loading rack in excess of 20,000 gallons per day on an annual average without prior authorization from the Permitting Authority: [Rules 62-4.160(2), 62-210.200(228) and 62-210.300, F.A.C.]
 {Permit Note: "Bulk Gasoline Plant" - A gasoline storage and distribution facility which receives gasoline from bulk terminals by trailer transport, stores it in tanks, and subsequently dispenses it to resellers, farms, businesses, service stations, or other end users, and which has an average annual daily throughput of less than 20,000 gallons (75,700 liters) but more than 2000 gallons (7,570 liters) calculated on the basis of days of actual operation.}
- B.2.2 Prohibition: The permittee shall not permit the filling of tank trucks or trailers unless each tank, truck or trailer is equipped for either bottom filling for gasoline or submerged filling for diesel, and such equipment is used and properly maintained. [Rules 62-296.320(1)(a) and 62-296.509(2)(b), F.A.C.]

SECTION III. C. EMISSIONS UNIT SPECIFIC CONDITIONS

GROUP C. This portion of the permit addresses the following group of emissions units:

EMISSION UNIT NO.	EMISSIONS UNIT DESCRIPTION
003	Fuel Dispensing Operations – Fifteen (15) dispensing nozzles including eight (8) gasoline and seven (7) diesel. The gasoline operations are equipped with a Stage II Vapor Recovery System assigned identification number VR-395-00.

C.1.0 EQUIPMENT SPECIFICATIONS AND REQUIREMENTS

C.1.1 Fuel Dispensing Nozzles: The permittee is authorized to install and operate eight (8) gasoline and seven (7) diesel dispensing nozzles. [099-0588-001-AC]

C.1.2 Stage II Vapor Recovery System: The permittee shall install a system that is at least 95 percent efficient in the recovery by weight of vapors displaced from a vehicular fuel tank during refueling. [Rule 62-252.400(3)(a), F.A.C.]

C.1.3 Design Standards: The permittee shall ensure that the Stage II Vapor Recovery Systems is installed, operated, and maintained in accordance with the manufacturer's plans and specifications and that the system is listed as certified by the State of California Air Resources Board in the document "Gasoline Marketing and Distribution Appendix D Phase II." [Rule 62-252.400(3)(c)1 & 2, F.A.C.]

C.2.0 OPERATING RESTRICTIONS

C.2.1 Prohibition: The permittee shall not transfer, allow the transfer, or provide equipment for the transfer of gasoline to a vehicular fuel tank unless the facility is equipped with a Stage II vapor recovery system which complies with the control technology requirements of Rule 62-252.400(3), F.A.C., and the system is properly used during the transfer. [Rule 62-296.400(2), F.A.C.]

C.2.2 Operating Instructions: Instructions shall be conspicuously posted in the gasoline dispensing area for the system in use at the facility. The instructions shall clearly describe how to fuel vehicles correctly with vapor recovery nozzles. The operating instructions shall include a warning that repeated attempts to continue dispensing, after the system has indicated that the vehicle fuel tank is full, may result in spillage or recirculation of gasoline. If a toll-free telephone number is provided by the Department or its agents for consumers to report problems or voice complaints, such number shall also be conspicuously posted. [Rule 62-296.400(3)(d), F.A.C.]

C.2.3 System Maintenance. The permittee shall maintained All Stage II vapor recovery systems in proper working order in accordance with the manufacturer's specifications to ensure the integrity and efficiency of the systems. If the vapor recovery system or a component of the system contains a significant defect, the system or component shall be taken out of service. The permittee shall not use or permit the use of that system or component until it has been repaired, replaced or adjusted. Minor defects, which do not significantly reduce the effectiveness of the system below 95 percent vapor recovery, such as very small holes, cracks, or gashes, must be repaired within seven days. [Rule 62-296.400(7)(a), F.A.C.]

C.2.4 System Defects: The permittee shall consider all systems affected by the following defects to be defective, shall be tagged "Out of Order" and require that the system be taken out of service. Except during repair activity, the "Out of Order" tag shall not be removed, and the tagged equipment shall not be used, permitted to be used, or provided for use until it has been repaired, replaced, or adjusted as necessary: [Rule 62-296.400(7)(b) & (c), F.A.C.]

1. The absence or disconnection of any component which is required to be used in the system as certified.
2. A vapor hose which is crimped or flattened such that the vapor passage is blocked or the pressure drop through the vapor hose exceeds the allowed pressure drop in the system as certified.
3. A nozzle boot or coaxial hose which is torn in one or more of the following manners:
 - a. Triangular-shaped or similar tear 1/2-inch or more to a side, or a hole 1/2-inch or more in diameter; or
 - b. Slit, 1-inch or more in length.
4. A faceplate or flexible cone which is damaged in the following manner:
 - a. For balance nozzles and for nozzles of aspirator or educator assist-type systems, damage such that the capability to achieve a seal with a fill-pipe interface is affected for 1/4 of the circumference of

SECTION III. C. EMISSIONS UNIT SPECIFIC CONDITIONS

the faceplate (accumulated); or

- b. For nozzles of those vacuum assist-type systems which use a flexible cone, damage such that more than 1/4 of the flexible cone is missing.
5. A nozzle shutoff mechanism which malfunctions in any manner.
6. Vapor return lines, including such components as swivels, swing-joints, and underground or aboveground piping, which malfunction or which are blocked or restricted such that pressure drops through the lines exceed the requirements of the system as certified.
7. A vapor processing unit which is inoperative.
8. A vacuum producing device which is inoperative.
9. Pressure/vacuum relief valves, vapor check valves, or Stage I dry breaks which are inoperative.
10. Any equipment defect which is identified in the CARB Executive Order(s) applicable to the system as substantially impairing the effectiveness of the system in reducing air contaminants.
11. Any other defect, which could impair the effectiveness of the system to recover 95 percent by weight of the gasoline vapors displaced.

C.2.5 **Replacement Parts:** The permittee shall use only original equipment manufacturer parts or aftermarket parts listed as described in 62-252.400(3)(c)2 for all replacement parts and parts used to retrofit existing dispensers for Stage II vapor recovery. [Rule 62-252.400(7)(d), F.A.C.]

C.2.6 **Training Requirements:** The permittee shall ensure that at least one representative of the facility is knowledgeable about the operation and maintenance of the Stage II vapor recovery system in use at the facility. [Rule 62-252.400(8)(a), F.A.C.]

C.2.7 **Operating Records:** The permittee shall maintained information on the following subject areas and, upon sale or transfer of the facility, the information shall be transferred to the new owner or operator: [Rule 62-252.400(8)(b), F.A.C.]

- (a) Equipment operation and function specific to the facility's Stage II vapor recovery system;
- (b) Maintenance schedules and requirements for the facility's equipment; and
- (c) Equipment manufacturer contacts (names, addresses, and telephone numbers) for parts and service.

C.3.0 COMPLIANCE TEST REQUIREMENTS

C.3.1 **Renewal Testing:** The permittee shall conduct compliance testing of the function of the Stage II vapor recovery system at least ninety (90) days prior to the renewal of the facility's air operating permit. [Rule 62-252.400(5)(c), F.A.C.]

C.3.2 **Recertification Testing:** The permittee shall conduct compliance testing of the function of the Stage II vapor recovery system within sixty (60) days upon system replacement or major system modification, whichever occurs first. The recertification shall include all functional tests that were required for the initial system certification. A major system modification is considered to be replacing, repairing, or upgrading 75 percent or more of a facility's Stage II vapor recovery system. [Rule 62-252.400(5)(c), F.A.C.]

C.3.3 **Special Compliance Tests:** When the Health Department, after investigation, has reason to believe that any applicable emission standard contained in a DEP rule or permit is being violated, it shall require the owner or operator of the emissions unit to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions unit and to provide a report on the results of said tests to the Health Department. [Rule 62-297.310(7)(b), F.A.C.]

C.3.4 **Testing Agency:** Testing may be conducted by the Department or its agents or by an installation or testing company. The Department or its agents shall have the right to conduct the testing if it desires to do so. [Rule 62-252.400(5)(b), F.A.C.]

C.4.0 COMPLIANCE METHODS AND TEST PROCEDURES

C.4.1 **Certification Tests:** The permittee shall have all tests conducted in accordance with the following test procedures as found in Appendix J of the EPA document, "Technical Guidance - Stage II Vapor Recovery Systems for Control of Vehicle Refueling Emissions at Gasoline Dispensing Facilities," Vol. II (EPA-450/3-91-022b), November 1991: [Rule 62-252.400(5)(a), F.A.C.]

- (a) Bay Area Source Test Procedure ST-30, Leak Test Procedure, or San Diego Test Procedure TP-91-1, Pressure

SECTION III. C. EMISSIONS UNIT SPECIFIC CONDITIONS

Decay/Leak Test Procedure;

(b) Bay Area Source Test Procedure ST-27, Dynamic Back Pressure, or San Diego Test Procedure TP-91-2, Pressure Drop vs. Flow/Liquid Blockage Test Procedure; and

(c) Bay Area Source Test Procedure ST-37, Liquid Removal Devices.

SECTION IV. APPENDICES

APPENDIX	DESCRIPTION
A	General Conditions
B	Citation Format

SECTION IV. APPENDIX A
GENERAL CONDITIONS [RULE 62-4.160, F.A.C.]

- G.1 The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
- G.2 This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings or exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
- G.3 As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey and vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
- G.4 This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
- G.5 This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
- G.6 The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
- G.7 The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:
- (a) Have access to and copy and records that must be kept under the conditions of the permit.
 - (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit.
 - (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.
- Reasonable time may depend on the nature of the concern being investigated.
- G.8 If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
- (a) A description of and cause of non-compliance.
 - (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.
- The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.
- G.9 In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
- G.10 The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.
- G.11 This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 62-4.120 and 62-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

SECTION IV. APPENDIX A
GENERAL CONDITIONS [RULE 62-4.160, F.A.C.]

G.12 This permit or a copy thereof shall be kept at the work site of the permitted activity.

G.13 This permit also constitutes:

- (a) Determination of Best Available Control Technology. *(Not Applicable)*
- (b) Determination of Prevention of Significant Deterioration. *(Not applicable)*
- (c) Compliance with New Source Performance Standards. *(Not applicable)*

G.14 The permittee shall comply with the following:

- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application or this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
- (c) Records of monitoring information shall include:
 - 1. The date, exact place, and time of sampling or measurements.
 - 2. The person responsible for performing the sampling or measurements.
 - 3. The dates analyses were performed.
 - 4. The person responsible for performing the analyses.
 - 5. The analytical techniques or methods used.
 - 6. The results of such analyses.

G.15 When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

ABBREVIATIONS AND ACRONYMS

°F	- Degrees Fahrenheit
AQCS	- Air Quality Control System
CFR	- Code of Federal Regulations
DEP	- State of Florida, Department of Environmental Protection
DARM	- Division of Air Resource Management
EPA	- United States Environmental Protection Agency
F.A.C.	- Florida Administrative Code
F.S.	- Florida Statute
HAP	- Hazardous Air Pollutants
SOA	- Specific Operating Agreement
UTM	- Universal Transverse Mercator
VOC	- Volatile Organic Compounds

RULE CITATIONS

The following examples illustrate the methods used in this permit to abbreviate and cite the references of rules, regulations, permit numbers, and identification numbers.

Florida Administrative Code (F.A.C.) Rules:

<i>Example:</i>	[Rule 62-213.205, F.A.C.]
<i>Where:</i>	62 - refers to Title 62 of the Florida Administrative Code (F.A.C.)
	62-213 - refers to Chapter 62-213, F.A.C.
	62-213.205 - refers to Rule 62-213.205, F.A.C.

Facility Identification (ID) Number:

<i>Example:</i>	Facility ID No.: 099-0001
<i>Where:</i>	099 - 3 digit number indicates that the facility is located in Palm Beach County
	0221 - 4 digit number assigned by state database identifies specific facility

New Permit Numbers:

<i>Example:</i>	099-2222-001-AC or 099-2222-001-AV
<i>Where:</i>	AC - identifies permit as an Air Construction Permit
	AV - identifies permit as a Title V Major Source Air Operation Permit
	099 - 3 digit number indicates that the facility is located in Palm Beach County
	2222 - 4 digit number assigned by state database identifies specific facility
	001 - 3 digit sequential number assigned by the state database identifies specific permit project

Old Permit Numbers:

<i>Example:</i>	AC50-123456 or AO50-123456
<i>Where:</i>	AC - identifies permit as an Air Construction Permit
	AO - identifies permit as an Air Operation Permit
	123456 - 6 digit number assigned by state database identifies specific permit