Department of
Environmental Protection

Lawton Chiles
Governor

Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

Virginia B. Wetherell
Secretary

PERMITTEE:

Citgo Petroleum Corporation

AIRS I.D. Number: 0910045
Air Permit Number: 0910045002AO
Emission Units: 004,005,006
Date of Issue: January 25, 1996
Expiration Date: January 25, 2001
County: Okaloosa
Project: Niceville Terminal

This permit is issued under the provisions of Section 403.087, Florida Statutes, and Florida Administrative Code Rules 62-296, 62-297 and 62-4. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

Operation of an existing terminal which consists of gasoline storage tanks 55-2, 35-4, and 35-5; diesel storage tank 20-1, additive storage tanks, waste water and oil/water separator storage tanks, and a loading rack with two truck loading positions with a vapor recovery unit. The vapor recovery unit is manufactured by John Zink Company, model AA-609-8-7, and is a carbon adsorption/absorption regenerative vapor recovery unit. The diesel storage tank, additive storage tanks, and the waste water and oil/water separator storage tanks are considered insignificant sources of pollution and not identified as emission points.

Operation shall be consistent with the construction permit application signed August 31, 1995, and additional information received November 2, 1995, and construction permit 0910045001AC.

Located: 904 Bayshore Drive, Niceville

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Printed on recycled paper.

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SPECIFIC CONDITIONS:

General

1. The attached General Conditions are part of this permit. [FAC Rule 62-4.160]

2. Satisfactory ladders, platforms and other safety devices as well as necessary parts shall be provided/made available to facilitate an adequate inspection program. [FAC Rule 62-297.345]

Operation

3. The maximum allowable operating rate is 84,000 gallons loaded to tank trucks per hour. This is the operating rate at which compliance with standards shall be demonstrated. [FAC Rule 62-4.070]

The combined maximum annual throughput for emission unit 004 (gasoline storage tanks) is 200,000,000 gallons/year.

The combined maximum annual throughput for emission unit 006 (truck loading rack) is 208,000,000 gallons/year, with 185,000,000 gallons/year gasoline and 23,000,000 gallons/year diesel.

4. The Niceville Terminal may operate continuously, i.e., 8760 hrs/yr, based on 24 hours/day, 7 days/week and 52 weeks per year. [FAC Rule 62-4.070 and construction permit application]

5. Loading of liquid product into gasoline tank trucks shall be limited to vapor-tight gasoline tank trucks using the following procedures: [FAC Rule 17-296.800; 40 CFR 60.502(e)]

a. The owner or operator shall obtain the vapor tightness documentation described in 40 CFR 60.505(b) for each gasoline tank truck which is to be loaded at the affected facility.
b. The owner or operator shall require the tank identification number to be recorded as each gasoline tank truck is loaded at the affected facility.

SPECIFIC CONDITIONS:

c. The owner or operator shall cross-check each tank identification number obtained in 40 CFR 60.502(e)(2) with the file of tank vapor tightness documentation within 2 weeks after the corresponding tank is loaded.
d. The terminal owner or operator shall notify the owner or operator of each non vapor-tight gasoline tank truck loaded at the affected facility within 3 weeks after the loading has occurred.
e. The terminal owner or operator shall take steps assuring that the non vapor-tight gasoline tank truck will not be reloaded at the affected facility until vapor tightness documentation for that tank is obtained.
f. Alternate procedures to those described in 40 CFR 60.502(e)(1)-(5) for limiting gasoline tank truck loading may be used upon application to, and approval by, the Administrator.

6. Loading of gasoline tank trucks shall be made only into tanks equipped with vapor collection equipment that is compatible with the terminal's vapor collection system. [FAC Rule 17-296.800; 40 CFR 60.502(f)].

7. The tank truck's vapor collection systems shall be connected during each loading of a gasoline tank truck. Operating instructions shall be clearly posted and shall include but not be limited to:
a. Proper connection of vent and liquid transfer lines between truck tanker and stationary facilities.
b. Maximum allowable gasoline loading rate, 560 gallons/minute per loading arm (total of eight active loading arms).
c. Maximum pressure during loading.
d. Leak detection and maintenance.
e. Vapor Combustion Unit (Flare) vendor's combustor instructions.
f. Truck vapor-tightness verification.

Examples of other actions to accomplish this include training drivers in the hookup procedures and posting visible reminder signs at the affected loading racks. [FAC Rule 17-296.800; 40 CFR 60.502(g)].

8. The vapor collection and liquid loading equipment shall be designed and operated to prevent gauge pressure in the delivery tank from exceeding 450 mm of water during product loading. This level is not to be exceeded when measured by the procedures specified in 40 CFR 60.503(d). [FAC Rule 17-296.800; 40 CFR 60.502(h)].

9. No pressure-vacuum vent in the bulk gasoline terminal's vapor collection system shall begin to open at a system pressure less than 450 mm of water. [FAC Rule 17-296.800; 40 CFR 60.502(i)].

SPECIFIC CONDITIONS:

10. Each calendar month, the vapor collection system, the vapor processing system, and each loading rack handling gasoline shall be inspected during the loading of gasoline tank trucks for total organic compounds liquid or vapor leaks. For purposes of this paragraph, 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. [FAC Rule 17-296.800; 40 CFR 60.502(j)].

11. All applicable requirements of 40 CFR 60 Subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels, and 40 CFR 60 Subpart XX, Standards of Performance for Bulk Gasoline Terminals shall be met. (FAC Rule 62-296.800(2))

Emissions

12. The maximum allowable emission limit for each pollutant is as follows:

Pollutant	FAC Rule	Allowable Emissions
Emission unit 004 (Gasoline Storage Tanks 55-2, 35-4, and 35-5)		
VOC's	62-296.800	4.13 lbs/hr; 10.43 TPY
Emission unit 005 (Fugitive emissions from gasoline tank truck loading operations)		
VOC's	62-296.800	9.12 lbs/hr; 10.04 TPY
Emission unit 006 (Truck loading rack vapor recovery unit)		
VOC's	62-296.800	24.6 lbs/hr; 27.02 TPY (35 mg VOC/liter)

13. This source shall be operated in such a fashion so as to preclude objectionable odors. Objectionable odor is 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 pursuant to FAC Rule 62-296.200(123)

If the Department determines objectionable odors are being emitted from this facility, the Permittee shall submit within 45 days of receipt of written notification from the

SPECIFIC CONDITIONS:

Department an odor remediation plan. The plan shall include, but is not limited to, the following:

1. Dispersion modeling analysis to show compliance with ambient acceptable odor threshold value(s).

2. Strategies to reduce odorous chemical utilization or emissions.

3. Modification of manufacturing production cycles.

4. Modification or manufacturing methods.

5. Modification of plant exhaust systems.

(FAC Rule 62-296.320(2))

Testing

14. Emissions tests are required for EMU 006 (vapor recovery unit) to show compliance with the standards of the Department. The test results must provide reasonable assurance that the source is capable of compliance at the permitted maximum operating rate. [FAC Rule 62-4.070] Tests shall be conducted in accordance with the table below. Such tests shall be scheduled and conducted annually between June 1st and July 31st. The Department shall be notified at least 15 days prior to testing to allow witnessing. Results shall be submitted to the Department within 45 days after testing.

Pollutant	Test Method
VOC	EPA method 25

Test reports shall comply with F.A.C. Rule 62-297.570, Test Reports. Additionally, the compliance test report shall provide the following information on the air pollution control devices:

a. General condition of equipment, noting any deficiencies of problems with the equipment which occur during testing.

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b. Normal operating parameters of the equipment and the actual operation parameters for each test run.

The Department can require special compliance tests in accordance with F.A.C. Rule 62-297.340(2).

Other test methods and alternate compliance procedures may be used only after prior Departmental approval has been obtained in writing.

Testing of emissions shall be conducted with the source operating at capacity. Capacity is defined as 90-100% of rated capacity. If it is impractical to test at capacity, then sources may be tested at less than capacity; in this case subsequent source operation is limited to 110% of the test load until a new test is conducted. Once the unit is so limited, then operation at higher capacities is allowed for no more than fifteen days for purposes of additional compliance testing to regain the rated capacity in the permit, with prior notification to the Department.

15. The permittee shall maintain records for all petroleum products received and loaded which show the annual throughput and emissions for the facility, and emission units. These records and the annual operating report shall be used to demonstrate compliance with specific condition no. 3. (FAC Rule 62-4.070)

Administrative

16. The tank truck vapor tightness documentation required under 40 CFR 60.502(e)(1) shall be kept on file at the terminal in a permanent form available for inspection. [FAC Rule 62-296.800; 40 CFR 60.505(a)].

17. The documentation file for each gasoline tank truck shall be updated at least once per year to reflect current test results as determined by Method 27. This documentation shall include, as a minimum, the following information:

a. Test title: Gasoline Delivery Tank Pressure Test-EPA Reference Method 27.
b. Tank owner and address.
c. Tank identification number.
d. Testing location.
e. Date of test.
f. Tester name and signature.
g. Witnessing inspector, if any: Name, signature, and affiliation.
h. Test results: Actual pressure change in 5 minutes, mm of water (average for 2 runs).

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[FAC Rule 62-296.800; 40 CFR 60.505(b)].

18. A record of each monthly leak inspection required under 40 CFR 60.502(j) shall be kept on file at the terminal for at least 2 years. Inspection records shall include, as a minimum, the following information:

a. Date of inspection.
b. Findings (may indicate no leaks discovered; or location, nature, and severity of each leak).
c. Leak determination method.
d. Corrective action (date each leak repaired; reasons for any repair interval in excess of 15 days).
e. Inspector name and signature.

[FAC Rule 62-296.800; 40 CFR 60.505(c)].

19. The owner or operator shall keep all documentation required under 40 CFR 60.502(e) on file at the terminal. [FAC Rule 62-296.800; 40 CFR 60.505(d)].

20. An annual operating report for air pollutant emitting facility, DEP Form 62-210.990(5), shall be submitted by March 1 of each year. A copy of the form and instructions may be obtained from the Department of Environmental Protection, Northwest District Air Resources Management Program, (904) 444-8364. [FAC Rule 62-210.370]

21. The emission units covered by this permit are:

0910045004 - gasoline storage tanks 35-4, 35-5, and 55-2

Tank	Size	Service	Pollution Control	NSPS
35-4	30,000 bbl	gasoline	external floating roof	no
35-5	30,000 bbl	gasoline	external floating roof	no
55-2	55,000 bbl	gasoline	internal floating roof	yes, Kb

0910045005 - truck loading rack vapor recovery unit

0910045006 - fugitive gasoline tank truck loading losses

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SPECIFIC CONDITIONS:

Please cite the appropriate number on all test reports and other correspondence specific to a permitted emission unit. [FAC Rule 62-297.570]

22. The Department telephone number for reporting problems, malfunctions or exceedances under this permit is (904) 444-8364, day or night, and for emergencies involving a significant threat to human health or the environment is (904) 488-1320. For routine business, telephone (904) 444-8364 during normal working hours. [FAC Rule 62-210.700]

Expiration Date:

Issued this 25th day of JAN., 1996.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Ed K. Middleswart

Ed K.Middleswart, P.E.
Air Program Administrator

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "permit conditions", and are binding and enforceable pursuant to Sections 403.141, 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.

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, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor 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 does not constitute a waiver of 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.

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.

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.

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are 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.

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, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

a. Having access to and copying any records that must be kept under the conditions of this permit;

b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and,

GENERAL CONDITIONS:

c. Sampling or monitoring 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.

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 noncompliance; and
b. The period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. 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.

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 proscribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with Florida Rules of Civil Procedure and appropriate evidentiary rules.

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.

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 62-4.120 and 62-730.300, as applicable. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. 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.

GENERAL CONDITIONS:

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 for 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:

- the date, exact place, and time of sampling or measurement;
- the person responsible for performing the sampling or measurement;
- the date(s) analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and
- the results of such analyses.

14. 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 the 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.