



Lawton Chiles  
Governor

# Florida Department of Environmental Protection

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

## NOTICE OF PERMIT

In the Matter of an Application  
for Permit by:

DEP File No.: AC42-234786  
Marion County

Mr. Kenneth E. Roberts  
President  
Roberts Funeral Home of Dunnellon, Inc.  
19939 East Pennsylvania Avenue  
Dunnellon, FL 34432

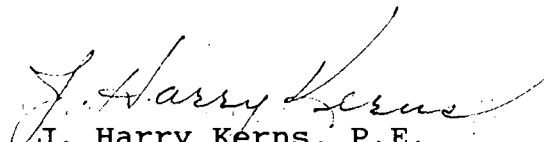
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Enclosed is Permit Number AC42-234786 for the construction of a human crematory, issued pursuant to Section 403.087, Florida Statutes.

Any party to this Order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this Notice is filed with the Clerk of the Department.

Executed in Tampa, Florida.

Sincerely,

  
J. Harry Kerns, P.E.  
District Air Engineer

cc: Ms. Kim G. Thompson, P.E., Southern Environmental  
Sciences, Inc.

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF PERMIT and all copies were mailed before the close of business on SEP 15 1993 to the listed persons.

Clerk Stamp

FILING AND ACKNOWLEDGEMENT  
FILED, on this date, pursuant  
to Section 120.52(11), Florida  
Statutes, with the designated  
Department Clerk, receipt of  
which is hereby acknowledged.

Marilyn Quispe SEP 15 1993  
(Clerk) (Date)



# Florida Department of Environmental Protection

Lawton Chiles  
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Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

**PERMITTEE:**

Roberts Funeral Home of Dunnellon, Inc.  
19939 East Pennsylvania Avenue  
Dunnellon, FL 34432

**PERMIT/CERTIFICATION:**

**Permit No.:** AC42-234786  
**County:** Marion  
**Expiration Date:** 02/21/94  
**Project:** Human Crematory

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rules 17-2 thru 17-297 & 17-4. The above named 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:

For the construction of a 150 pound per hour B & L Systems, Inc., Model N-20AA, human crematory. The unit is designed to cremate human bodies with appropriate containers at an average rate of 150 pound/hour. The average rate is the total weight loaded into the unit divided by the duration of the burn. The B & L Systems, Inc. training program will provide details for operators of this unit.

Emissions are controlled by an afterburner. The unit is propane gas fired with a maximum heat input rate (primary chamber and afterburner) of 1.30 million Btu per hour.

**Location:** 19939 East Pennsylvania Avenue, Dunnellon

**UTM:** 17-357.5 E 3214.0 N **NEDS No.:** 0030 **Point ID No.:** 01

Replaces permit number: N/A

**PERMITTEE:**

Roberts Funeral Home of Dunnellon, Inc.

**PERMIT/CERTIFICATION:**

Permit No.: AC42-234786

**SPECIFIC CONDITIONS:**

1. A part of this permit is the attached 15 General Conditions.
2. Issuance of this permit does not relieve the permittee from complying with applicable emission limiting standards or other requirements of Chapters 17-2 thru 17-297, or any other requirements under federal, state, or local law.

EMISSION LIMITATIONS

3. Visible emissions shall not exceed 5% opacity except that visible emissions not exceeding 20% opacity are allowed for up to three minutes in any one hour period.  
[Rule 17-296.401(1)(a), F.A.C.].
4. The permittee shall not cause, suffer, allow, or permit the discharge of air pollutants which cause or contribute to an objectionable odor.  
[Rule 17-296.401(1)(b), F.A.C.].
5. Particulate matter (PM) emissions shall not exceed 0.080 grains per dry standard cubic foot of flue gas, corrected to 7% O<sub>2</sub>, 0.23 pounds/hour and 0.35 tons/year.  
[Rule 17-296.401(5)(a), F.A.C. and based on 660 DSCFM and 14% O<sub>2</sub>].
6. Carbon monoxide (CO) emissions shall not exceed 100.0 parts per million by volume, dry basis, corrected to 7% O<sub>2</sub>, 0.14 pounds/hour and 0.22 tons/year.  
[Rule 17-296.401(5)(b), F.A.C. and based on 660 DSCFM and 14% O<sub>2</sub>].
7. All reasonable precautions shall be taken to prevent and control generation of unconfined emissions of particulate matter in accordance with the provision in Rule 17-296.310, F.A.C. These provisions are applicable to any source, including, but not limited to, vehicular movement, transportation of materials, construction, alterations, demolition or wrecking, or industrial related activities such as loading, unloading, storing and handling.

OPERATING LIMITATIONS

8. This unit shall be used only to cremate human bodies with appropriate containers. The bodies may be clothed. The containers may contain up to 0.5 percent by weight chlorinated plastics as demonstrated by manufacturer's data sheet. No other

**PERMITTEE:**

Roberts Funeral Home of Dunnellon, Inc.

**PERMIT/CERTIFICATION:**

Permit No.: AC42-234786

**SPECIFIC CONDITIONS:**

material, including biological waste as defined in Rule 17-296.200(19), F.A.C., shall be incinerated.  
[Rule 17-296.401(1)(e)5., F.A.C.].

9. The maximum heat input rate to this unit shall not exceed 1.30 million Btu per hour.  
[Permit application].

10. The unit is permitted to burn propane gas as fuel.  
[Permit application].

11. The unit is permitted to operate 3120 hours per year.  
[Permit application].

12. The temperature of the combustion gases in the secondary combustion chamber shall be at least 1,600 degrees F.  
[Rule 17-296.401(5)(c), F.A.C.].

13. The primary chamber shall not be charged unless the secondary chamber combustion zone temperature is equal to or greater than 1,600 degrees F.  
[Rule 17-296.401(5)(c), F.A.C.].

14. All air pollution control equipment shall be operational and functioning properly prior to the incineration or ignition of waste and until all the wastes are incinerated.  
[Rule 17-210.650, F.A.C.].

15. The permittee shall not allow this unit to be operated unless it is operated by an operator who has satisfactorily completed the required training program. The crematory operator(s) shall have been trained by the equipment manufacturer's representatives or another qualified organization as to proper operating practices and procedures.  
[Rule 17-296.401(5)(f), F.A.C.].

16. The permittee shall submit a copy of a certificate for each operator having satisfactorily completed the Department approved training program within 15 days of completion of initial compliance test to the Air Section of the Southwest District Office of Department of Environmental Protection.  
[Rule 17-296.401(5)(f), F.A.C.].

**TESTING REQUIREMENTS**

17. Test the stack exhaust for visible emissions within 30 days after placing the unit in operation. The test report is required

**PERMITTEE:**

Roberts Funeral Home of Dunnellon, Inc. Permit No.: AC42-234786

**PERMIT/CERTIFICATION:**

**SPECIFIC CONDITIONS:**

prior to issuance of the operation permit: Within 45 days of testing, submit a copy of the test data to the Air Section of the Southwest District Office of the Department of Environmental Protection.

[Rules 17-297.340 and 17-297.570, F.A.C.].

18. Compliance with the emission limitation of Specific Condition No. 3 shall be demonstrated using DER Method 9. The test for this source shall be at least 60 minutes in duration and shall begin with the initial ignition of waste in the primary chamber.

[Rule 17-297, F.A.C., Table 297.330-1].

19. The following information shall be included in the test report:

- A. the description and weight of material burned;
- B. the operating temperature of the secondary chamber;
- C. the time combustion was initiated and completed; and
- D. the type, manufacturer, and serial number of the incinerator.

Failure to submit any of the information listed above or operating at conditions during testing which are not representative of normal operating conditions may invalidate the tests.

[Rule 17-4.070(3), F.A.C.].

20. Testing of emissions shall be conducted after the unit is loaded with a minimum of 150 pounds and shall begin with the initiation of combustion in the primary chamber. The propane gas fired burners shall be operating at a normal high firing rate.

[Rule 17-4.070(3), F.A.C.].

21. The permittee shall notify the Air Section of the Southwest District Office of the Department at least 15 days prior to the date on which each formal compliance test is to begin of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted.

[Rule 17-297.340(1)(i), F.A.C.].

22. The permittee demonstrated compliance with the PM and CO emission standards by submitting a test report for an identical crematory unit tested in Florida and approved by the Department.

[Rule 17-297, F.A.C., Table 297.330-1].

**PERMITTEE:**

Roberts Funeral Home of Dunnellon, Inc.

**PERMIT/CERTIFICATION:**

Permit No.: AC42-234786

**SPECIFIC CONDITIONS:**

MONITORING AND RECORDKEEPING REQUIREMENTS

23. The permittee shall install, operate, and maintain continuous monitors to record temperature at the point where 1.0 second gas residence time is obtained in the secondary chamber combustion zone in accordance with the manufacturer's instructions. [NOTE: Sufficient residence time has been provided and calculation of such was submitted.] The permittee shall maintain a complete file of all measurements, including continuous monitoring system, monitoring device, and performance testing measurements; all continuous monitoring system performance evaluations; all continuous monitoring system or monitoring device calibration checks; and adjustments, preventative maintenance, and corrective maintenance performed on these systems or devices, recorded in a permanent legible form suitable for inspection. Continuous temperature monitoring documentation shall include operator name, operator indication of when the primary chamber is charged, date, time, and temperature markings. The file shall be retained for at least two years following the recording of such measurements, maintenance, reports, and records. [Rule 17-297.500(7), F.A.C.].


OTHER REQUIREMENTS

24. Three applications for an operating permit shall be submitted to the Southwest District Office of the Department within 45 days of testing or at least 60 days prior to the expiration date of this permit [12/23/93], whichever occurs first. To properly apply for an operation permit, the applicant shall submit the following:

- A. the appropriate application form (Certificate of Completion of Construction) noting any deviations from the construction permit application;
- B. the appropriate operation permit fee and;
- C. the compliance test report.

[Rules 17-4.070(3) and 17-297.340(1), F.A.C.].

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

  
For Dr. Richard D. Garrity  
Director of District Management

ATTACHMENT - 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, 403.161, 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.

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), F.S., the issuance of this permit does not convey any 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 of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement 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 and at reasonable times, access to the premises where the permitted activity is located or conducted to:



- (a) Have access to and copy any records that must be kept under 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.

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 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 prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the 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 Rule 17-4.120 and 17-730.300, Florida Administrative Code, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

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

13. This permit also constitutes:

- ( ) Determination of Best Available Control Technology (BACT)
- ( ) Determination of Prevention of Significant Deterioration (PSD)
- ( ) Certification of compliance with State Water Quality Standards (Section 401, PL 92-500)
- ( ) Compliance with New Source Performance Standard

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 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:
  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.

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 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.