

RECEIVED

HUMAN CREMATORIES  
AIR GENERAL PERMIT EXAMPLE REGISTRATION WORKSHEET

SEP 26 2011  
DIVISION OF AIR  
RESOURCE MANAGEMENT

Facility Identification Number - If known (seven digit number)

~~E040560~~ 0710069-005

Registration Type

Check one:

INITIAL REGISTRATION - Notification of intent to:

- Construct and operate a proposed new facility.
- Operate an existing permitted facility not currently using an air general permit (e.g., a facility proposing to go from an air operation permit to an air general permit). If the facility currently holds one or more air operation permits, such permit(s) must be surrendered by the owner or operator upon the effective date of this air general permit. (See "Surrender of Existing Air Operation Permit(s)" below.)
- Operates an existing facility not currently permitted or using an air general permit.

RE-REGISTRATION (for facilities currently using an air general permit) - Notification of intent to:

- Continue operating the facility after expiration of the current term of air general permit use.
- Continue operating the facility after a change of ownership.
- Make an equipment change requiring re-registration pursuant to Rule 62-210.310(2)(e), F.A.C.
- Any other change not considered an administrative correction under Rule 62-210.310(2)(d), F.A.C.

Surrender of Existing Air Operation Permit(s) - For Initial Registrations Only, if Applicable

All existing air operation permits for this facility are hereby surrendered upon the effective date of this air general permit; specifically permit number(s):

Replacing existing Power Pak with a new Super Power Pak III

General Facility Information

Facility Owner/Company Name (Name of corporation, agency, or individual owner who or which owns, leases, operates, controls, or supervises the facility.) \*NOT CORRECT OWNER - SEE ATTACHED

SCI of Florida ADDENDUM TO THIS REGISTRATION.

Site Name (Name, if any, of the facility site; e.g., Plant A, Metropolis Plant, etc. If more than one facility is owned, a complete registration must be submitted for each.)

Lee Memorial Park Crematory

Facility Location (Physical location of the facility, not necessarily the mailing address.)

Street Address: 12777 SR 82

City: Ft. Myers

County: Lee

Zip Code: 33913

Facility Start-Up Date (Estimated start-up date of proposed new facility.)(N/A for existing facility.)

2011 SEP 21 AM 9:42  
FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION  
PERMITTING

**Facility Contact**

Name and Position Title (Plant manager or person to be contacted regarding day-to-day operations at the facility.)

Print Name and Title: Allan R. Gilstad General Manager

Facility Contact Telephone Numbers

Telephone: 239-334-4880

Fax: 239-369-4007

Cell phone: 239-248-4236

E-mail: allan.gilstad@dignitymemorial.com

Facility Contact Mailing Address

Organization/Firm: Hodges Funeral Home at Lee Memorial Park

Mailing Address: 12777 SR 82

City: Ft. Myers

County: Lee

Zip Code: 33913-9651

**Other Contact/Representative (to serve as additional Department contact)**

Name and Position Title

Print Name and Title: Matthew Matticola Grounds Superintendent

Other Contact/Representative Telephone Numbers

Telephone: 239-334-4880

Fax: 239-369-4007

Cell phone: 239-384-4654

E-mail: matthew.matticola@dignitymemorial.com

Other Contact/Representative Mailing Address

Organization/Firm: Hodges Funeral Home at Lee Memorial Park

Mailing Address: 12777 SR 82

City: Ft. Myers

County: Lee

Zip Code: 33913-9651

FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION  
2011 SEP 21 AM 9:42  
FURNACE ROOM

**Emission Unit Details**

MANUFACTURER	MODEL NUMBER	SERIAL NUMBER	RATED CAPACITY
Matthews Cremation	Super Power Pak III	T.B.D.	200 lb/hr (maximum)

\* →  
 EXISTING  
 UNITS  
 Not  
 INCLUDED  
 SEE THE  
 ATTACHED  
 ADDENDUM  
 TO THIS  
 REGISTRATION  
 Q

**Design Calculations**

If this is an initial registration for a proposed new human crematory unit, provide design calculations to confirm a sufficient volume in the secondary chamber combustion zone to provide for at least a 1.0 second gas residence time at 1800 degrees F.

- Design calculations attached.
- Registration is not for proposed new human crematory unit(s).

**Helpful Definitions**

**"Biomedical Waste"** - Any solid or liquid waste which may present a threat of infection to humans, including nonliquid-tissue, body parts, blood, blood products, and body fluids from humans and other primates; laboratory and veterinary wastes which contain human disease-causing agents; and discarded sharps. The following are also included:

1. Used absorbent materials saturated with blood, blood products, body fluids, or excretions or secretions contaminated with visible blood; and absorbent materials saturated with blood or blood products that have dried.
2. Non-absorbent, disposable devices that have been contaminated with blood, body fluids, or secretions or excretions visibly contaminated with blood, but have not been treated by a method listed in Section 381.0098, F.S., or a method approved pursuant to Rule 64E-16, F.A.C.

**"Department" or "DEP"** - The State of Florida Department of Environmental Protection.

**"Emissions Unit"** - Any part or activity of a facility that emits or has the potential to emit any air pollutant.

**"Facility"** - All of the emissions units which are located on one or more contiguous or adjacent properties, and which are under the control of the same person (or persons under common control).

**"Human Crematory"** - Any combustion apparatus used solely for the cremation of either human or fetal remains

**"Owner" or "Operator"** - Any person or entity who or which owns, leases, operates, controls or supervises an emissions unit or facility.

FLORIDA DEPARTMENT OF  
 ENVIRONMENTAL PROTECTION  
 2011 SEP 21 AM 9:42  
 RECEIVED

\* ADDENDUM TO #0710069-005

PAGE 2 - GEN. FACILITY INFO, FACILITY/OWNER  
PAGE 4 - EMISSION UNIT DETAILS

RECEIVED

HUMAN CREMATORIES  
AIR GENERAL PERMIT EXAMPLE REGISTRATION WORKSHEET

SEP 26 2011  
DIVISION OF AIR  
RESOURCE MANAGEMENT

Facility Identification Number - If known (seven digit number)

0710069

Registration Type

Check one:

INITIAL REGISTRATION - Notification of intent to:

- Construct and operate a proposed new facility.  
 Operate an existing permitted facility not currently using an air general permit (e.g., a facility proposing to go from an air operation permit to an air general permit). If the facility currently holds one or more air operation permits, such permit(s) must be surrendered by the owner or operator upon the effective date of this air general permit. (See "Surrender of Existing Air Operation Permit(s)" below.)  
 Operates an existing facility not currently permitted or using an air general permit.

RE-REGISTRATION (for facilities currently using an air general permit) - Notification of intent to:

- Continue operating the facility after expiration of the current term of air general permit use.  
 Continue operating the facility after a change of ownership.  
 Make an equipment change requiring re-registration pursuant to Rule 62-210.310(2)(c), F.A.C.  
 Any other change not considered an administrative correction under Rule 62-210.310(2)(d), F.A.C.

Surrender of Existing Air Operation Permit(s) - For Initial Registrations Only, if Applicable

All existing air operation permits for this facility are hereby surrendered upon the effective date of this air general permit; specifically permit number(s):

Replacing existing Power Pak with a new Super Power Pak III

General Facility Information

Facility Owner/Company Name (Name of corporation, agency, or individual owner who or which owns, leases, operates, controls, or supervises the facility.)

Kadek Enterprises of Florida

Site Name (Name, if any, of the facility site; e.g., Plant A, Metropolis Plant, etc. If more than one facility is owned, a complete registration must be submitted for each.)

Lee Memorial Park Crematory

Facility Location (Physical location of the facility, not necessarily the mailing address.)

Street Address: 12777 SR 82

City: Ft. Myers

County: Lee

Zip Code: 33913

Facility Start-Up Date (Estimated start-up date of proposed new facility.)(N/A for existing facility.)

Facility Contact

Name and Position Title (Plant manager or person to be contacted regarding day-to-day operations at the facility.)

Print Name and Title: Allan R. Gilstad General Manager

Facility Contact Telephone Numbers

Telephone: 239-334-4880

Fax: 239-369-4007

Cell phone: 239-248-4236

E-mail: allan.gilstad@dignitymemorial.com

Facility Contact Mailing Address

Organization/Firm: Hodges Funeral Home at Lee Memorial Park

Mailing Address: 12777 SR 82

City: Ft. Myers

County: lee

Zip Code: 33913

Other Contact/Representative (to serve as additional Department contact)

Name and Position Title

Print Name and Title: Matthew Matticola Grounds Superintendant

Other Contact/Representative Telephone Numbers

Telephone: 239-334-4880

Fax: 239-369-4007

Cell phone: 239-384-4654

E-mail: matthew.matticola@dignitymemorial.com

Other Contact/Representative Mailing Address

Organization/Firm: Hodges Funeral Home at Lee Memorial Park

Mailing Address: 12777 SR 82

City: Ft. Myers

County: Lee

Zip Code: 33913

**Emission Unit Details**

MANUFACTURER	MODEL NUMBER	SERIAL NUMBER	RATED CAPACITY
Mathews Cremation	Super Power Pak III	T.B.D.	200 lb/hr (maximum)
Mathews Cremation	Power Pak II	0680898	150 lb/hr Maximum
Mathews Cremation	Power Pak	Old no #	101bs/ hr maximum

**Design Calculations**

If this is an initial registration for a proposed new human crematory unit, provide design calculations to confirm a sufficient volume in the secondary chamber combustion zone to provide for at least a 1.0 second gas residence time at 1800 degrees F.

- Design calculations attached.
- Registration is not for proposed new human crematory unit(s).

**Helpful Definitions**

**"Biomedical Waste"** - Any solid or liquid waste which may present a threat of infection to humans, including nonliquid-tissue, body parts, blood, blood products, and body fluids from humans and other primates; laboratory and veterinary wastes which contain human disease-causing agents; and discarded sharps. The following are also included:

1. Used absorbent materials saturated with blood, blood products, body fluids, or excretions or secretions contaminated with visible blood; and absorbent materials saturated with blood or blood products that have dried.
2. Non-absorbent, disposable devices that have been contaminated with blood, body fluids, or secretions or excretions visibly contaminated with blood, but have not been treated by a method listed in Section 381.0098, F.S., or a method approved pursuant to Rule 64E-16, F.A.C.

**"Department"** or **"DEP"** - The State of Florida Department of Environmental Protection.

**"Emissions Unit"** - Any part or activity of a facility that emits or has the potential to emit any air pollutant.

**"Facility"** - All of the emissions units which are located on one or more contiguous or adjacent properties, and which are under the control of the same person (or persons under common control).

**"Human Crematory"** - Any combustion apparatus used solely for the cremation of either human or fetal remains

**"Owner"** or **"Operator"** - Any person or entity who or which owns, leases, operates, controls or supervises an emissions unit or facility.

## Dibble, Dickson

---

**From:** Gilstad, Allan [ALLAN.GILSTAD@dignitymemorial.com]  
**Sent:** Friday, September 30, 2011 10:55 AM  
**To:** Dibble, Dickson  
**Attachments:** pg 2.jpg; pg 3-4.doc

Hello Mr. Dibble, with regard to 1) that was my error there is no change It is Kadek Enterprises. 2) I've listed the two existing units. The old Power Pak we are unable to determine any type of serial # this is the unit being replaced. Please advise if any further information is needed. Thank you Al Gilstad

**From:** Dibble, Dickson [<mailto:Dickson.Dibble@dep.state.fl.us>]  
**Sent:** Thursday, September 29, 2011 4:28 PM  
**To:** Gilstad, Allan  
**Cc:** Arif, Syed  
**Subject:** Facility ID# 0710069; SCI of Florida dba Lake Memorial Park Crematory - Human Crematory Air General Permit Registration

Dear Mr. Gilstad,

I am in receipt of the subject item facility's registration form for the purpose of a change of equipment.

There are a couple of issues that need to be resolved in order for me to continue with the review and processing of your equipment change registration.

I have attached a pdf copy of the actual registration worksheet minus the design calculations of the new unit.

Please refer to the first page (our numbered Page 2) for issue #1) below.

- 1) Your current Human Crematory Air General Permit Registration (ARMs# 0710069-004-AG) indicates that your facility is under the ownership of **KADEK ENTERPRISES OF FLORIDA** and not **SCI of Florida** as indicated on this most recent registration. Can you shed some light on this for me, since under Air General Permit rules, permits are not transferable and require the submission of a new registration form when a change in ownership occurs? Was there a change in ownership and which is the correct owning entity?

Please refer to the third page (our numbered Page 4) for issue #'s 2 & 3 below.

- 2) The rule requires that a registration must contain all emission units currently on-site as well as those being proposed/constructed. You have included the proposed unit, but there is no mention of any existing units currently on site. Please use page four (4) to list the unit details, including the appropriate serial numbers for each of the existing units.
- 3) We are aware that there are currently two (2) torts on-site, but because you did not include those on the registration, I have no idea which unit is being replaced and therefore I am not able to remove or INACTIVATE the appropriate unit in our database. Which unit is being replaced?

To simplify this process, you may download and print the attached form and update accordingly. Then rescan the form, attach it to an e-mail to me and upon receipt I will attach your update as an addendum to the registration I have in hand.

Thank you for your prompt attention to and response to my request for additional information.

In the meantime, if you should have any questions, comments or concerns please e-mail or call.

Have a great day and better weekend!

Sincerely yours,

*Dickson E. Dibble*

**Dickson E. Dibble, ES III**

Air General Permit Program  
FDEP Division of Air Resource Management  
Office of Permitting & Compliance  
Minerals & Metals Section  
Tel. (850) 717-9071  
FAX (850) 717-9001  
GIC - #59571  
[Dickson.Dibble@dep.state.fl.us](mailto:Dickson.Dibble@dep.state.fl.us)

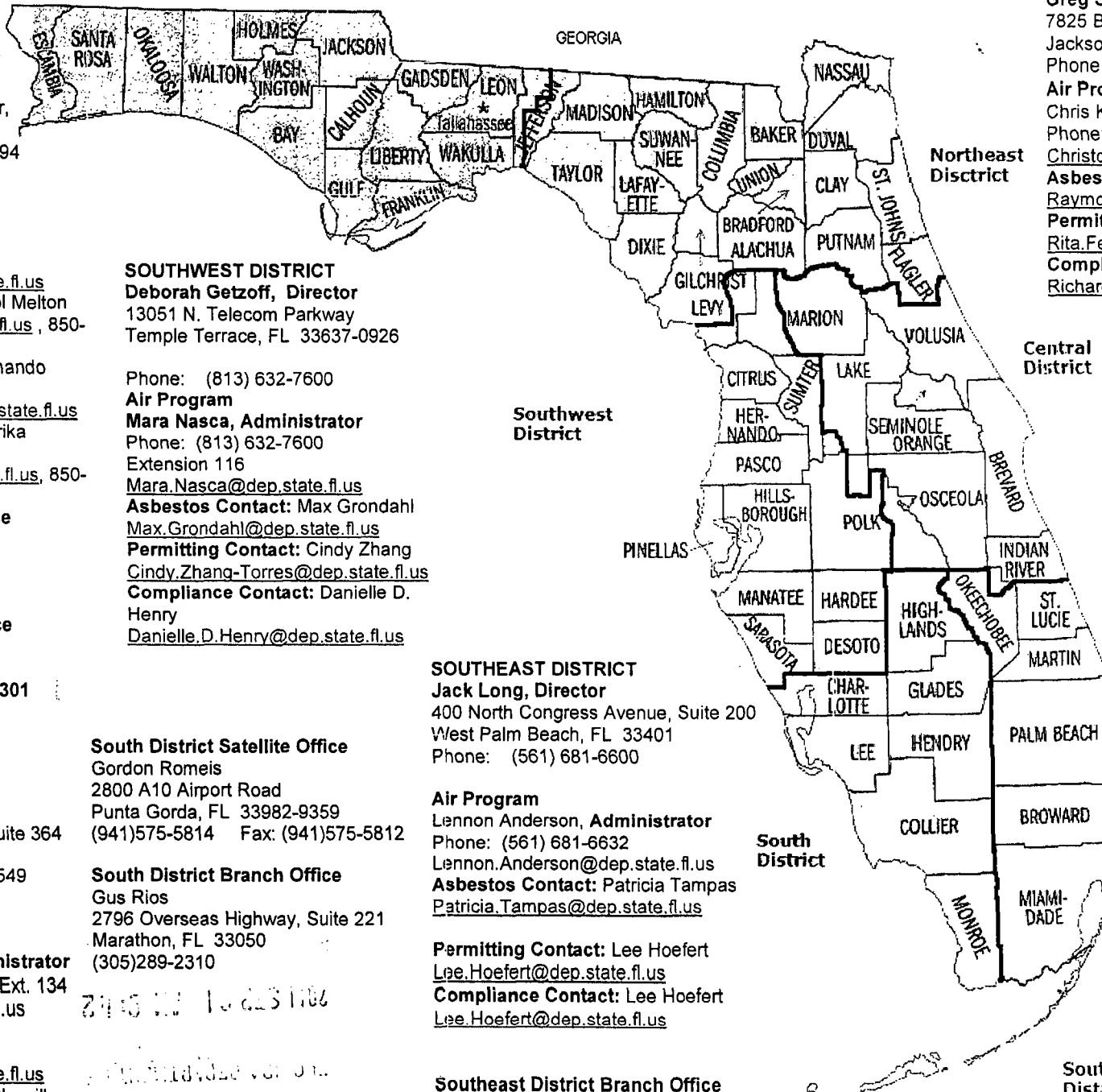


**Please note:** Florida has a very broad public records law. Most written communications to or from state officials regarding state business are public records available to the public and media upon request. Your e-mail communications may therefore be subject to public disclosure

Please take a few minutes to share your comments on the service you received from the department by clicking on this link. [DEP Customer Survey](#).



ALABAMA  
**Department of Environmental Protection**  
**Northwest District District Office Air Contacts**



**NORTHWEST DISTRICT**  
**Kenneth Prest, Director**  
 160 Governmental Center,  
 Suite 308  
 Pensacola, FL 32502-5794  
 Phone: (850) 595-8300  
 Fax - 850/595-8096

**Air Program**  
**Rick Bradburn,**  
 Phone: (850) 595-0568  
[Rick.Bradburn@dep.state.fl.us](mailto:Rick.Bradburn@dep.state.fl.us)  
**Asbestos Contact:** Carol Melton  
[Carol.Melton@dep.state.fl.us](mailto:Carol.Melton@dep.state.fl.us), 850-595-0616

**Permitting Contact:** Armando  
 Sarasua, 850-595-0639  
[Armando.Sarasua@dep.state.fl.us](mailto:Armando.Sarasua@dep.state.fl.us)  
**Compliance Contact:** Erika  
 Mitchell  
[Erika.Mitchell@dep.state.fl.us](mailto:Erika.Mitchell@dep.state.fl.us), 850-595-0622

**Northwest Branch Office**  
 2353 Jenks Avenue  
 Panama City, FL 32405  
 (850)872-4375  
 Fax: 850-872-7790  
**Northwest Branch Office**  
 Gerry Neubauer  
**630-3 Capital Circle NE**  
 Tallahassee, Florida 32301  
 Phone (850) 488-3704  
 Fax (950) 922-3620

**SOUTH DISTRICT**  
**Jon Iglehart, Director**  
 2295 Victoria Avenue, Suite 364  
 P.O. Box 2549  
 Fort Myers, FL 33902-2549  
 Phone: (239) 332-6975

**Air Program**  
**Ajay (AJ) Satyal, Administrator**  
 Phone: (239) 332-6975 Ext. 134  
[Ajay.Satyal@dep.state.fl.us](mailto:Ajay.Satyal@dep.state.fl.us)  
**Asbestos Contact:**  
 Wayne Lewis  
[Wayne.Lewis@dep.state.fl.us](mailto:Wayne.Lewis@dep.state.fl.us)  
**Compliance Contact:** Sherrill  
 Culliver  
[Sherrill.Culliver@dep.state.fl.us](mailto:Sherrill.Culliver@dep.state.fl.us)

**SOUTHWEST DISTRICT**  
**Deborah Getzoff, Director**  
 13051 N. Telecom Parkway  
 Temple Terrace, FL 33637-0926

Phone: (813) 632-7600  
**Air Program**  
**Mara Nasca, Administrator**  
 Phone: (813) 632-7600  
 Extension 116  
[Mara.Nasca@dep.state.fl.us](mailto:Mara.Nasca@dep.state.fl.us)  
**Asbestos Contact:** Max Grondahl  
[Max.Grondahl@dep.state.fl.us](mailto:Max.Grondahl@dep.state.fl.us)  
**Permitting Contact:** Cindy Zhang  
[Cindy.Zhang-Torres@dep.state.fl.us](mailto:Cindy.Zhang-Torres@dep.state.fl.us)  
**Compliance Contact:** Danielle D.  
 Henry  
[Danielle.D.Henry@dep.state.fl.us](mailto:Danielle.D.Henry@dep.state.fl.us)

**South District Satellite Office**  
 Gordon Romeis  
 2800 A10 Airport Road  
 Punta Gorda, FL 33982-9359  
 (941)575-5814 Fax: (941)575-5812  
**South District Branch Office**  
 Gus Rios  
 2796 Overseas Highway, Suite 221  
 Marathon, FL 33050  
 (305)289-2310

**SOUTHEAST DISTRICT**  
**Jack Long, Director**  
 400 North Congress Avenue, Suite 200  
 West Palm Beach, FL 33401  
 Phone: (561) 681-6600

**Air Program**  
**Lennon Anderson, Administrator**  
 Phone: (561) 681-6632  
[Lennon.Anderson@dep.state.fl.us](mailto:Lennon.Anderson@dep.state.fl.us)  
**Asbestos Contact:** Patricia Tampus  
[Patricia.Tampus@dep.state.fl.us](mailto:Patricia.Tampus@dep.state.fl.us)

**Permitting Contact:** Lee Hoefert  
[Lee.Hoefert@dep.state.fl.us](mailto:Lee.Hoefert@dep.state.fl.us)  
**Compliance Contact:** Lee Hoefert  
[Lee.Hoefert@dep.state.fl.us](mailto:Lee.Hoefert@dep.state.fl.us)

**Southeast District Branch Office**  
 Mary Murphy  
 1801 Southeast Hillmoor Dr, Suite C-204  
 Port St. Lucie, FL 34952  
 (772)398-2806 Fax:(772)398-2815

**NORTHEAST DISTRICT**  
**Greg Strong, Director**  
 7825 Baymeadows Way, Suite 200 B  
 Jacksonville, FL 32256-7590  
 Phone: (904) 807-3300  
**Air Program**  
 Chris Kirts, Administrator  
 Phone: (904) 807-3300 Ext. 3235  
[Christopher.Kirts@dep.state.fl.us](mailto:Christopher.Kirts@dep.state.fl.us)  
**Asbestos Contact:** Raymond Barata  
[Raymond.Barata@dep.state.fl.us](mailto:Raymond.Barata@dep.state.fl.us)  
**Permitting Contact:** Rita Felton-Smith  
[Rita.Felton@dep.state.fl.us](mailto:Rita.Felton@dep.state.fl.us)  
**Compliance Contact:** Richard Banks  
[Richard.Banks@dep.state.fl.us](mailto:Richard.Banks@dep.state.fl.us)

**CENTRAL DISTRICT**  
**Vivian F. Garfein, Director**  
 3319 Maguire Boulevard,  
 Suite 232  
 Orlando, FL 32803-3767  
 Phone: (407) 894-7555  
**Air Program**  
**Caroline Shine, Administrator**  
 Phone: (407) 894-7555  
[Caroline.shine@dep.state.fl.us](mailto:Caroline.shine@dep.state.fl.us)  
**Asbestos Contact:**  
 Ferman Fletcher  
[Ferman.Fletcher@dep.state.fl.us](mailto:Ferman.Fletcher@dep.state.fl.us)  
**Permitting Contact:**  
 Alan Zahm  
[Alan.Zahm@dep.state.fl.us](mailto:Alan.Zahm@dep.state.fl.us)  
**Compliance Contact:**  
 Wanda Parker  
[Wanda.Parker@dep.state.fl.us](mailto:Wanda.Parker@dep.state.fl.us)

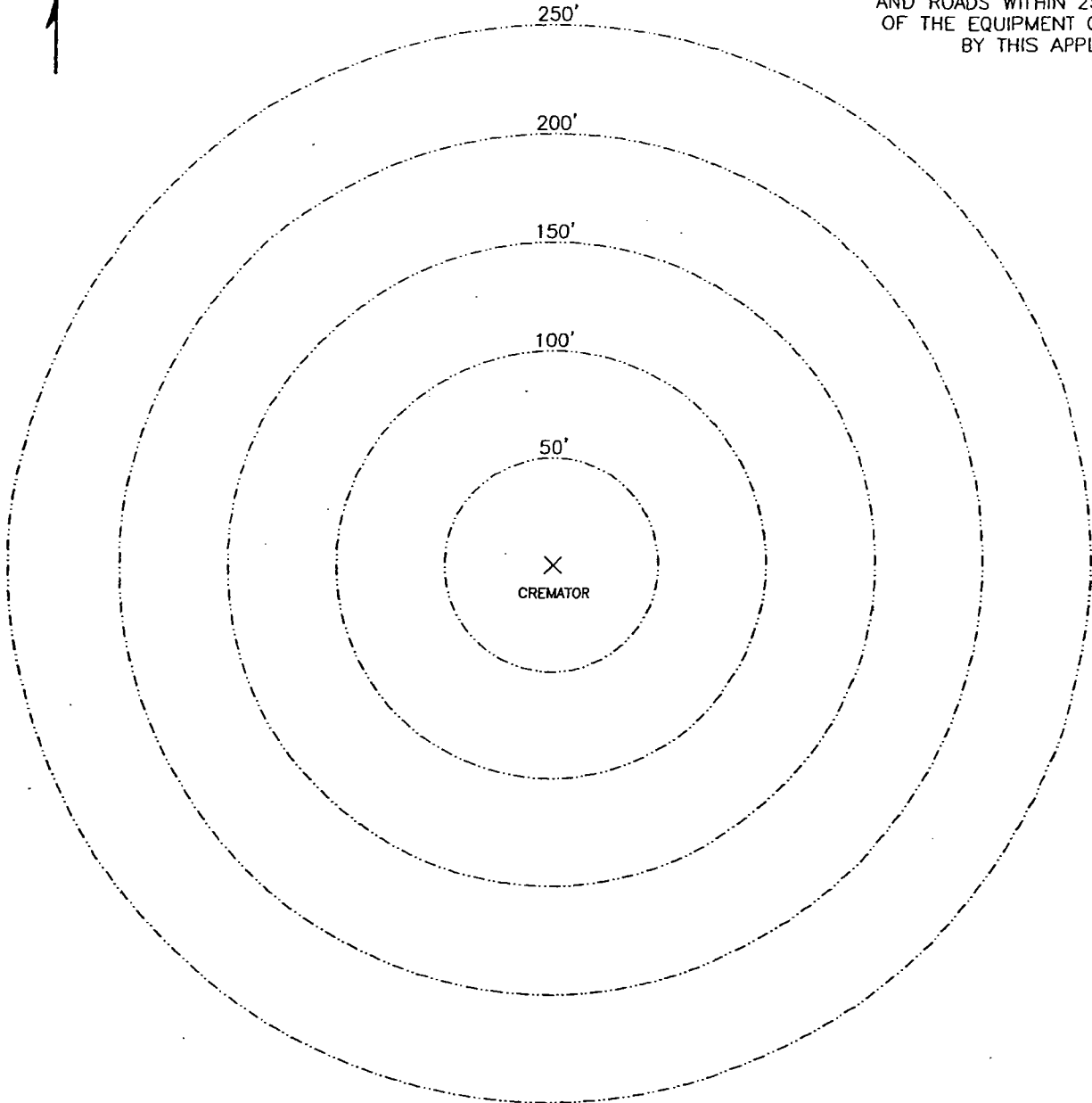
**Southeast District**

# PLOT PLAN

NORTH



SHOW ALL SURROUNDING BUILDINGS  
AND ROADS WITHIN 250 FEET  
OF THE EQUIPMENT COVERED  
BY THIS APPLICATION.



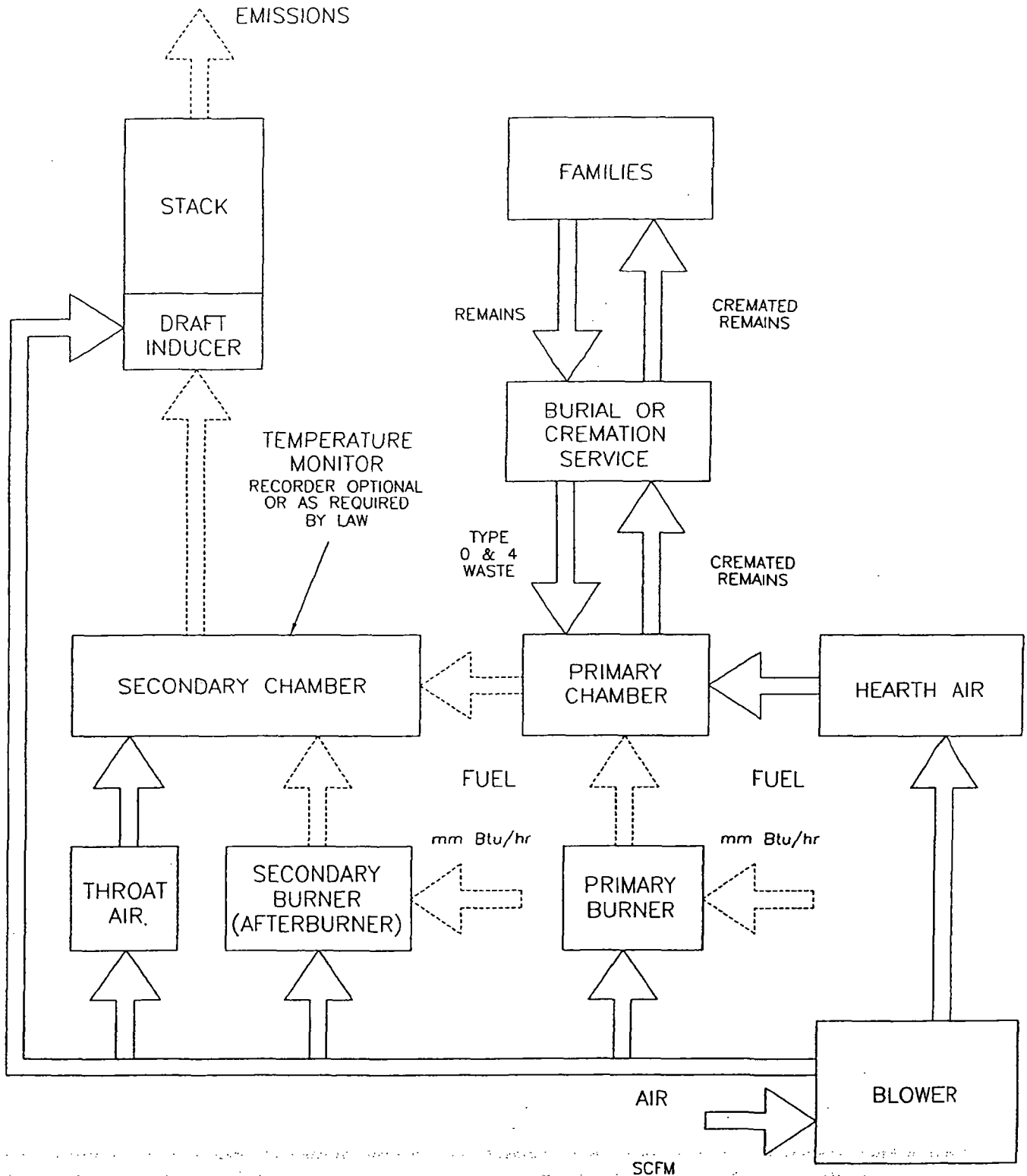
STRUCTURE      DESCRIPTION

INSTRUCTIONS

1. INDICATE LOCATION AND TYPE OF BUILDING BY THE USE OF SMALL NUMBERED CIRCLES WITH THE DESCRIPTION BELOW.
2. SHOW ROADS AS LINES REPRESENTING THE ROAD EDGES. INDICATE STREET NAMES AND HIGHWAY NUMBERS.
3. SHOW WOODED OR CLEARED AREA BY APPROXIMATE BOUNDARY LINES AND THE WORDS "WOODS," "CLEARED," "CORNFIELD," ETC.

- (1)
- (2)
- (3)
- (4)
- (5)
- (6)
- (7)
- (8)
- (9)
- (10)

# PROCESS FLOW DIAGRAM CREMATOR



SPECIFICATIONS- Model Super Power-Pak

1. Equipment Type..... Super Power-Pak
  - A. Model No. .... IE43-SPP
  - B. Underwriters Laboratories Listing and File No. ... 87E8; MH14647
  
2. Dimensions
  - A. Footprint ..... 10' – 0" x 7' – 4"
  - B. Maximum Length..... 12' – 2" (3.7 m)
  - C. Maximum Width ..... 8' -7" (2.62 m)
  - D. Maximum Height ..... 9' - 6¾" (2.91 m)
  - E. Chamber Loading Opening ..... 33" H x 39" W (838 mm x 991 mm)
  
3. Weight ..... 32,000 lbs. (14,500 kg)
  
4. Utility/Air Requirements
  - A. Gross Gas Input, Natural or LP Gas ..... 2,000,000 BTU/hr. (2,100,000 kJ/h)  
2,750,000 BTU/hr. (2,640,000 kJ/h) if operating  
temperature is greater then 1,600° F
    - Running Gas Pressure, Natural Gas ..... 7 inches (180 mm) water column or greater
    - Running Gas Pressure, LP Gas ..... 11 inches (280 mm) water column or greater
  - B. Electrical Supply..... 230 volt, 3Ø or 1Ø, 50/60 hz (other available)
  - C. Air Supply..... 2,500 cfm (70 standard m<sup>3</sup>/min)
  
5. Incineration Capacity ..... 200 lbs./hr. (91 kg/h)
  
6. Typical Loading Capacity of Waste Types ..... 750 lbs. (340 kg/h)
  
7. Construction and Safety Standards ..... Incineration Institute of America, Underwriters  
Laboratories, Canadian Standards Association
  
8. Steel Structure Construction
  - A. Frame ..... 2" ( 51 mm) square tubing
  - B. Front/Rear Plates ..... 3/8" (10 mm) plate
  - C. Floor Plates ..... 3/16" (5 mm) plate
  - D. Outer Side Casing ..... 12 gauge (3 mm) plate
  - E. Inner Side Casing ..... 12 gauge (3 mm) plate
  
9. Stack Construction
  - A. Inner Wall..... 4 1/2" (110 mm) insulating firebrick or castable
  - B. Outer Wall..... 12 gauge (3 mm) sheet, 304 s.s., welded seams  
(unlined stack available)
  
10. Draft Nozzle Construction ..... Schedule 40 type 316 s.s., welded connections
  
11. Main Chamber Door Construction
  - A. Steel Shell..... 3/16" (5 mm) steel, welded with reinforcement
  - B. Outer Refractory ..... 1" (25 mm) insulating block
  - C. Inner Refractory ..... 4½" (110 mm) insulating firebrick

SPECIFICATIONS- Model Super Power-Pak

- 12. Primary Chamber Wall Construction
  - A. Outer Casing Wall..... 12 gauge (3 mm) sheet
  - B. Inner Frame/Air Compartment..... 2" (51 mm) air compartment
  - C. Inner Casing Wall..... 12 gauge (3 mm) sheet
  - D. Outer Refractory Wall ..... 5" (127 mm) insulating block (minimum)
  - E. Inner Refractory Wall ..... 4½" (110 mm) firebrick
  
- 13. Secondary Chamber Wall Construction
  - A. Outer Casing Wall..... 12 gauge (3 mm) sheet
  - B. Inner Frame/Air Compartment..... 2" (51 mm) air compartment
  - C. Inner Casing Wall..... 12 gauge (3 mm) sheet
  - D. Outer Refractory Wall ..... 6" (150 mm) insulating block
  - E. Inner Refractory Wall ..... 4½" (110 mm) firebrick
  
- 14. Refractory Temperature Ratings
  - A. Standard Firebrick..... 3,100° F. (1700° C)
  - B. Insulating Firebrick..... 2,600° F. (1430° C)
  - C. Castable Refractory (Hearth) ..... 2,550° F. (1370° C)
  - D. Castable Refractory ..... 2,550° F. (1370° C)
  - E. Insulating Block..... 1,900° F. (1040° C)
  - F. Bonding Mortar ..... 3,200° F. (1760° C)
  
- 15. Chamber Volumes (not including external flues, stacks or chimneys)
  - A. Primary Chamber..... 71 cubic feet (2.0 m<sup>3</sup>)
  - B. Secondary Chamber ..... 104 cubic feet (2.9 m<sup>3</sup>)
  
- 16. Emission Control Features
  - A. Secondary Chamber with Afterburner ..... Included
  - B. Opacity Monitor and Controller with Visual and Audible Alarms..... Included
  - C. Auxiliary Air Control System..... Included
  - D. Microprocessor Temperature Control System .... Included
  
- 17. Operating Temperatures
  - A. Primary Chamber..... 1,200° F. - 1,800° F. (650° C - 1000° C)
  - B. Secondary Chamber ..... 1,400° F. - 1,800° F. (760° C - 1000° C) as required
  
- 18. Secondary Chamber Retention Time ..... > 2 second
  
- 19. Ash Removal ..... Door functions as a heat shield. Sweep out beneath rear door into hopper that fills collection pan.
  
- 20. Safety Interlocks
  - A. High Gas Pressure..... Optional
  - B. Low Gas Pressure..... Optional
  - C. Blower Air Pressure ..... Included
  - D. Door Position ..... Included
  - E. Opacity..... Included

SPECIFICATIONS- Model Super Power-Pak

- F. Motor Starter Function ..... Included
- G. Chamber Temperature..... Included
- H. Motor Overload ..... Included
- I. Flame Quality..... Included
- J. Burner Safe Start ..... Included

21. Burner Description..... The nozzle mix burners used on this cremation equipment are industrial quality and designed for incinerator use.

22. Ultraviolet Flame Detection ..... Ultraviolet flame detection has proven to be the most reliable means of flame safety. The system is completely sealed in a quartz capsule to eliminate problems, caused by moisture and dust created in the cremation process, which effect flame rod detectors.

23. Operating Panel Indicating Lights

- A. Safe Run ..... Included
- B. Door Closed ..... Included
- C. Pollution Alarm ..... Included
- D. Afterburner On (Secondary Burner) ..... Included
- E. Cremation Burner On..... Included
- F. Temperature Control ..... Included
- G. Afterburner (Secondary Burner) Reset..... Included
- H. Cremation Burner Reset ..... Included
- I. Hearth Air ..... Included
- J. Throat Air Off..... Included

24. Automatic Timer Functions

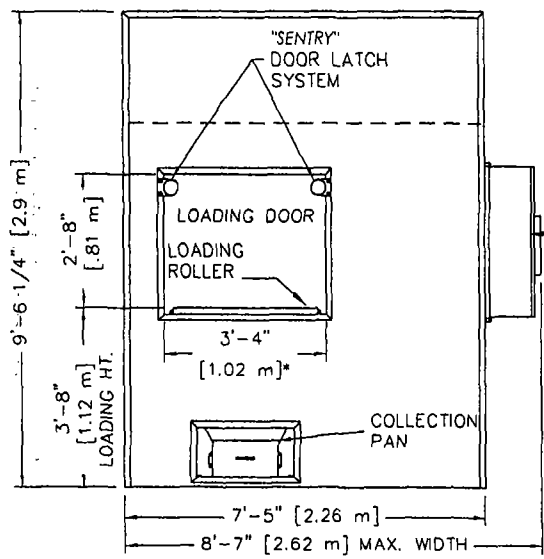
- A. Master Cycle ..... Included
- B. Afterburner (Secondary Burner) ..... Included
- C. Cremation Burner ..... Included
- D. Low Fire Cremation Burner ..... Included
- E. Hearth Air ..... Included
- F. Throat Air..... Included
- G. Pollution Monitoring ..... Included
- H. Afterburner (Secondary Burner) Prepurge ..... Included
- I. Cremation Burner Prepurge ..... Included
- J. Cool Down..... Included

25. Exterior Finish

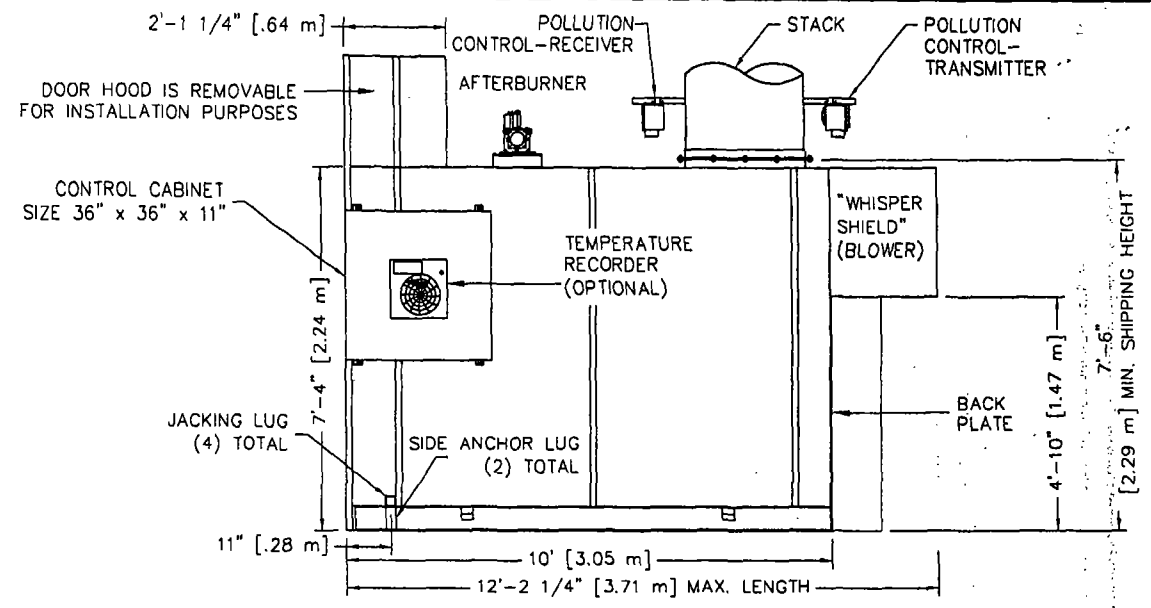
- A. Primer ..... 2 coats rust inhibiting
- B. Finish..... 2 coats textured finish

26. Start-Up and Training

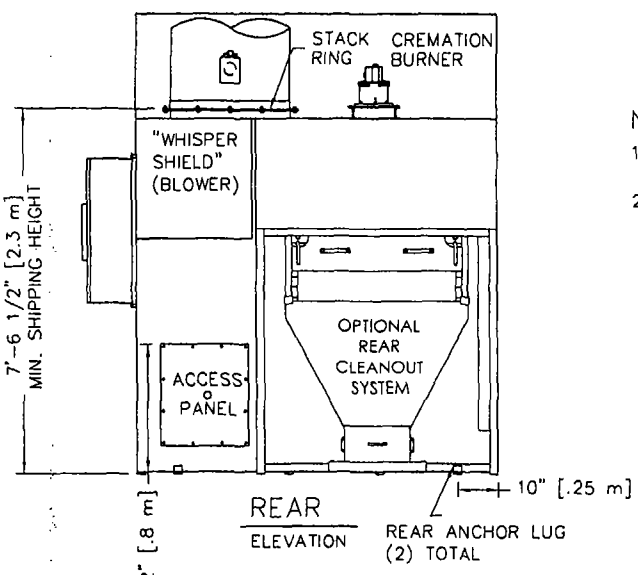
Startup of cremation equipment and training of operators to properly operate and maintain the equipment is performed on-site under actual operating conditions. Included is a comprehensive owner's manual, with details on the equipment, its components and proper operation.



FRONT  
ELEVATION

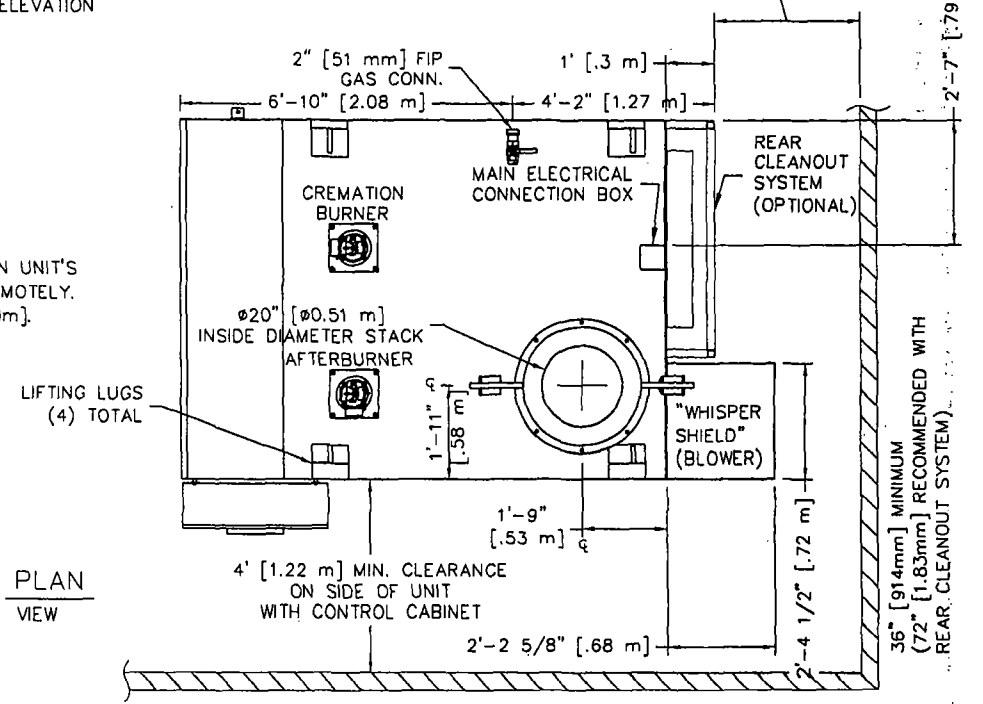


RIGHT SIDE  
ELEVATION



REAR  
ELEVATION

- NOTES:
- 1) CONTROL CABINET MOUNTS ON UNIT'S LEFT OR RIGHT SIDES, OR REMOTELY.
  - 2) CHAMBER WIDTH IS 39\" [0.99m].



PLAN  
VIEW

**Matthews**  
CREMATION DIVISION

2045 Sprint Boulevard  
Apopka, Florida 32703  
USA

SUPER POWER-PAK III

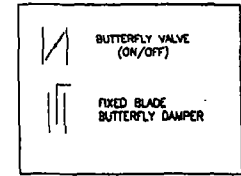
PLAN & ELEVATIONS INCL: CLEARANCES,  
REQUIREMENTS & RECOMENDATIONS

DATE:	10-26-06	SCALE:	1/4"=1'
DRAWN:	JG	PLOT SCALE:	1:48
APRVD:		SHEET:	1 OF: 2
DWG FILE:	SPPIII-MarketingPlanElevR2		
DWG #:	0000196		

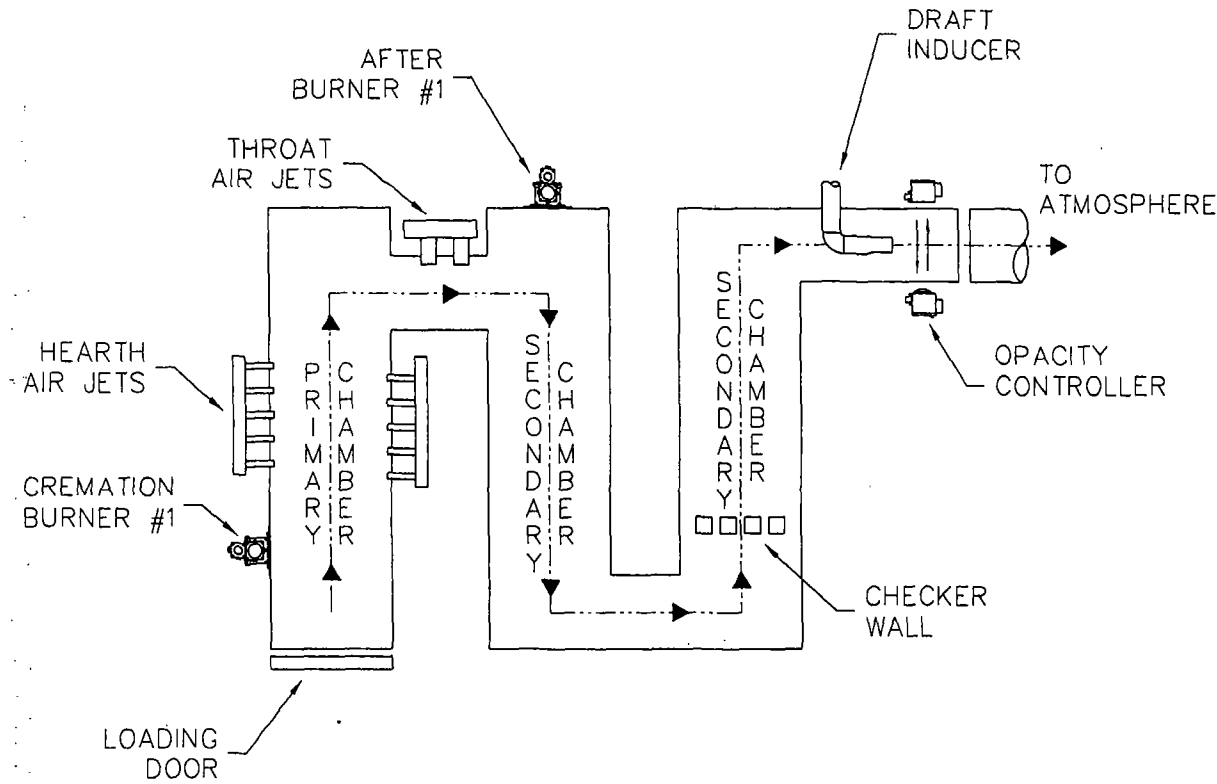




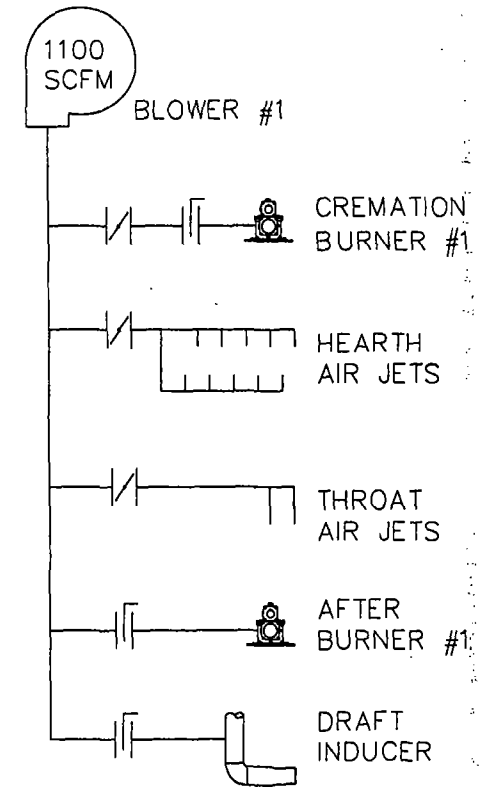
LEGEND OF SYMBOLS



FLOW DIAGRAM



AIR SCHEMATIC



**Matthews**  
CREMATION DIVISION

2045 Sprint Boulevard  
Apopka, Florida 32703  
USA

SUPER POWER PAK III

FLOW DIAGRAM  
& AIR SCHEMATIC

DATE:	08-05-05	SCALE:	1/4"=1'
DRAWN:	JG	PLOT SCALE:	1:48
APRVD:		SHEET:	1 OF 1
DWG FILE:	SPPIIIFlowDiaAirSchem		
DWG #:	0000715		

## Calculation Of Emissions Potential to Emit

Matthews Cremation Division (MCD)  
(formerly Industrial Equipment and Engineering Company (IEE))  
Crematory Incinerator Model IE43-SPP

Total Incinerator Burn Capacity: 200 lb/hr of remains (type 4) and associated containers (type 0)  
Flue gas flow rate = 1175 dscfm 12 Hours/Day X 6 Days/Week X 52 Weeks/Year  
( 100 % Excess Air) = 3744 Hours/Year

**Total Emission Rate = Incinerator Burn Rate X Emission Factor**

### Sulfur Dioxide (SO<sub>2</sub>)

$$\frac{200 \text{ lb/hr X } 2.5 \text{ lb/ton X } 1 \text{ ton}}{2000 \text{ lbs}} = 0.250 \text{ lb/hr}$$

$$= 0.468 \text{ TPY}$$
  

$$\frac{0.25 \text{ lb/hr X } 4.54\text{E}+05 \text{ mg/lb X } 1 \text{ ppmv}}{1175 \text{ dscfm X } 60 \text{ min/hr X } 0.0283 \text{ m}^3/\text{ft}^3 \text{ X } 2.61 \text{ mg/m}^3} = 21.80 \text{ ppmv}$$

### Nitrogen Oxide (NO<sub>x</sub> - as Nitrogen Dioxide)

$$\frac{200 \text{ lb/hr X } 3 \text{ lb/ton X } 1 \text{ ton}}{2000 \text{ lbs}} = 0.3 \text{ lb/hr}$$

$$= 0.5616 \text{ TPY}$$
  

$$\frac{0.3 \text{ lb/hr X } 4.54\text{E}+05 \text{ mg/lb X } 1 \text{ ppmv}}{1175 \text{ dscfm X } 60 \text{ min/hr X } 0.028 \text{ m}^3/\text{ft}^3 \text{ X } 1.88 \text{ mg/m}^3} = 36.70 \text{ ppmv}$$

### Hydrocarbons (TOC/VOC - methane)

$$\frac{200 \text{ lb/hr X } 3 \text{ lb/ton X } 1 \text{ ton}}{2000 \text{ lbs}} = 0.3 \text{ lb/hr}$$

$$= 0.5616 \text{ TPY}$$
  

$$\frac{0.3 \text{ lb/hr X } 4.54\text{E}+05 \text{ mg/lb X } 1 \text{ ppmv}}{1175 \text{ dscfm X } 60 \text{ min/hr X } 0.0283 \text{ m}^3/\text{ft}^3 \text{ X } 0.65 \text{ mg/m}^3} = 105.02 \text{ ppmv}$$

### Lead (Pb)

( 6.62E-05 % of body weight)

$$\frac{200 \text{ lb/hr X } 0.0000662 \text{ lb Pb}}{100 \text{ lb}} = 0.0001 \text{ lb/hr}$$

$$= 0.0002 \text{ TPY}$$

### Particulates (PM & PM<sub>10</sub>)

(Actual Levels lower as shown by test results)

$$\frac{200 \text{ lb/hr X } 7 \text{ lb/ton X } 1 \text{ ton}}{2000 \text{ lbs}} = 0.7 \text{ lb/hr}$$

$$= 1.3104 \text{ TPY}$$
  

$$\frac{0.7 \text{ lb/hr X } 7.00\text{E}+03 \text{ gr/lb X}}{1175 \text{ dscfm X } 60 \text{ min/hr}} = 0.07 \text{ gr/dscf}$$

### Carbon Monoxide (CO)

$$\frac{200 \text{ lb/hr X } 10 \text{ lb/ton X } 1 \text{ ton}}{2000 \text{ lbs}} = 1 \text{ lb/hr}$$

$$= 1.872 \text{ TPY}$$
  

$$\frac{1 \text{ lb/hr X } 4.54\text{E}+05 \text{ mg/lb X } 1 \text{ ppmv}}{1175 \text{ dscfm X } 60 \text{ min/hr X } 0.028 \text{ m}^3/\text{ft}^3 \text{ X } 1.14 \text{ mg/m}^3} = 201.75 \text{ ppmv}$$

#### Notes:

1. Incinerator Emissions based on EPA emissions from Table 2.1-12 of AP-42 (5th Edition)
2. All conversion factors from AP-42 Appendix A.

**CREMATOR MASS BALANCE**  
**Matthews Cremation**  
**SPPIII**

THESE CALCULATIONS HAVE BEEN PREPARED TO EVALUATE THE COMBUSTION PROCESS IN THIS UNIT.

THE INCINERATOR INSTITUTE OF AMERICA HAS PUBLISHED THE FOLLOWING SPECIFICATIONS COVERING AVERAGE WASTES.

WASTE TYPE	TYPE 0	TYPE 4
BTU PER POUND	8500	1000
POUND ASH PER POUND WASTE	0.05	0.05
POUND MOISTURE PER POUND WASTE	0.1	0.85
POUND COMBUSTIBLES PER POUND WASTE	0.85	0.1
HOURLY CONSUMPTION OF WASTE (LBS)	10	190

**1. MASS OF PRODUCTS OF COMBUSTION FROM CONTAINER**

**A. COMBUSTION AIR**

$$\frac{8500 \text{ BTU/LB}}{100 \text{ BTU/CF OF AIR}^*} \times 0.075 \text{ LB/CF OF AIR} = 6.38 \text{ LB/LB BURNED}$$

**B. COMBUSTIBLES AND WATER VAPOR** FROM CHART ABOVE = 0.95 LB/LB BURNED

**C. TOTAL FLUE PRODUCT MASS PER LB BURNED** = 7.33 LB/LB BURNED

**2. MASS OF PRODUCTS OF COMBUSTION FROM BODY**

**A. COMBUSTION AIR**

$$\frac{1000 \text{ BTU/LB}}{100 \text{ BTU/CF OF AIR}^*} \times 0.075 \text{ LB/CF OF AIR} = 0.75 \text{ LB/LB BURNED}$$

**B. COMBUSTIBLES AND WATER VAPOR** FROM CHART ABOVE = 0.95 LB/LB BURNED

**C. TOTAL FLUE PRODUCT MASS PER LB BURNED** = 1.70 LB/LB BURNED

SPECIFICATIONS	
PRIMARY BURNER FUEL CONSUMPTION (MMBTU/HR)	0.5
SECONDARY BURNER FUEL CONSUMPTION (MMBTU/HR)	0.9
ADDITIONAL SECONDARY AIR SUPPLIED (CFM)	200
SEC. CHAMBER OPERATING TEMPERATURE (°F)	1800
SECONDARY CHAMBER VOLUME (CU. FT)	104
SEC. CHAMB. CROSS-SECTIONAL AREA (SQ. FT)	2.44
FLAME PORT AREA (SQ. FT)	2.95
MIXING BAFFLES AREA (SQ. FT)	1.36

\*AIR AT STANDARD CONDITIONS

**3. TOTAL FLUE PRODUCTS**

**A. MAXIMUM PRIMARY BURNER GAS USAGE**

$$500000 \text{ BTU/HR} \times 4.8\text{E-}05 \text{ LBS/BTU} = 24 \text{ LBS/HR}$$

**B. COMBUSTION AIR FOR PRIMARY BURNER**

$$\frac{500000 \text{ BTU/HR}}{100 \text{ BTU/CF AIR}} \times 1 \text{ Burner} \times 0.075 \text{ LB/CF AIR} = 375 \text{ LBS/HR}$$

**C. MAXIMUM SECONDARY BURNER GAS USAGE**

$$900000 \text{ BTU/HR} \times 4.8\text{E-}05 \text{ LBS/BTU} = 43 \text{ LBS/HOUR}$$

**D. COMBUSTION AIR FOR SECONDARY BURNER**

$$\frac{900000 \text{ BTU/HR}}{100 \text{ BTU/CF AIR}} \times \frac{1}{\text{Burner}} \times 0.075 \text{ LB/CF AIR} = 675 \text{ LBS/HOUR}$$

**E. PRODUCTS FROM TYPE 0 WASTE (CONTAINER)**

$$7.33 \text{ LBS/LB BURNED} \times 10 \text{ LB/HR BURN RATE} = 73 \text{ LBS/HOUR}$$

**F. PRODUCTS FROM TYPE 4 WASTE (TISSUE)**

$$1.70 \text{ LBS/LB WASTE} \times 190 \text{ LB/HR BURN RATE} = 323 \text{ LBS/HOUR}$$

**G. ADDITIONAL SECONDARY CHAMBER COMBUSTION AIR (THROAT AIR)**

$$12000 \text{ CF/HR}^* \times 0.075 \text{ LB/CF AIR} = 900 \text{ LBS/HOUR}$$

**H. TOTAL FLUE PRODUCTS**

$$= \underline{\underline{2413 \text{ LBS/HOUR}}}$$

**2. VELOCITY AND TIME CALCULATIONS**

**A. SCFM CALCULATION**

(PRODUCTS ASSUMED TO HAVE DENSITY CLOSE TO AIR)

$$2413 \text{ LBS/HR} \times \frac{13.35 \text{ STD. CU. FT/LB}}{60 \text{ MIN/HR}} = 537 \text{ SCFM}$$

**B. TOTAL PRODUCTS ACFM**

@ 1800 °F

$$\frac{2260 \text{ °RANKINE}}{530 \text{ °RANKINE}} \times 537.0 \text{ CFM} = 2290 \text{ ACFM}$$

**C. RETENTION TIME**

$$\frac{104 \text{ CU. FT}}{2290 \text{ ACFM}} \times \frac{60 \text{ SECONDS}}{1 \text{ MINUTE}} = 2.73 \text{ SECONDS}$$

**D. VELOCITY IN FLAME PORT**

$$\frac{2290 \text{ ACFM}}{2.95 \text{ SQ. FT}} \times \frac{1 \text{ MINUTE}}{60 \text{ SECONDS}} = 12.9 \text{ FEET/SECOND}$$

**E. VELOCITY AT MIXING BAFFLES**

$$\frac{2290 \text{ ACFM}}{1.36 \text{ SQ. FT}} \times \frac{1 \text{ MINUTE}}{60 \text{ SECONDS}} = 28.1 \text{ FEET/SECOND}$$

**F. VELOCITY IN SECONDARY CHAMBER**

$$\frac{2290 \text{ ACFM}}{2.44 \text{ SQ. FT}} \times \frac{1 \text{ MINUTE}}{60 \text{ SECONDS}} = 15.6 \text{ FEET/SECOND}$$

**Source Test Report for  
Particulate and Carbon Monoxide Emissions**

**EPA Methods 1-5 and 10**

**Report 3264-S**

**September 22, 2010**

prepared for

**Fred Hunter's Memorial Services, Inc.  
Emission Unit 02 - Hollywood  
Facility ID: 0112149**

prepared by



**Arlington Environmental Services, Inc.**

Post Office Box 657  
Okeechobee, Florida 34973  
Telephone (863) 467-0555

## **1.0 Introduction**

Fred Hunter's Memorial Services, Inc. Facility ID 0112149 located at 6301 Taft Street in Hollywood, Florida operates two human crematories at this location. On September 22, 2010, simultaneous tests for particulate and carbon monoxide emissions were conducted on EU02 West Unit.

The tests were performed in order to comply with the operating permit conditions set forth by Broward County Department of Planning and Environmental Protection, Air Quality Division, Chapter 27 Article IV, Air Quality, Section 27-179(c)(2).

During the testing period, Ray Koterba, of Fred Hunter's Memorial Services, Inc., maintained a log containing the emission control device and process data. This information is presented, along with the temperature charts, in Attachment C.

The results of this test verify compliance with the rules as set forth by Florida Department of Environmental Protection and Broward County Department of Planning, Air Quality Division.

5.0 Summary of Results  
 Fred Hunter  
 Crematory 0112149  
 Report 3264-S

	Run 1	Run 2	Run 3	Average per Run
Date	9/22/2010	9/22/2010	9/22/2010	
Start Time	8:20	10:53	12:20	
Stop Time	9:22	11:54	13:22	
Process Rate (LBS.)	140	293*		144
Particulate Emission Rate (gr./dscf @7% O <sub>2</sub> )	0.0338	0.0225	0.0591	0.038
Allowable Particulate Emission Rate (gr./dscf @7% O <sub>2</sub> )	0.080	0.080	0.080	0.080
Carbon Monoxide Emission Rate (ppm @7% O <sub>2</sub> )	6.73	6.57	0.20	4.50
Allowable Carbon Monoxide Emission Rate (ppm @7% O <sub>2</sub> )	100	100	100	100

\* Please note the sampling for the second and third run was performed on the same cremation.

## 6.0 Particulate Emission Results

Fred Hunter

Crematory 0112149

Report 3264-S

	Run 1	Run 2	Run 3
Stack Area (square feet)	2.07	2.07	2.07
Stack Pressure (inches Hg)	29.99	29.99	29.99
Meter Pressure (inches Hg)	30.12	30.11	30.08
Sample Volume (Std. Cu. Ft.)	44.807	40.598	34.779
Water Vapor (Cubic Feet)	5.80	7.69	4.18
Sample Moisture (percent)	11.47	15.92	10.73
Saturation Moisture (percent)	100.00	100.00	100.00
Molecular Weight (lbs/lb Mole wet)	28.15	27.73	28.15
Velocity (fpm)	1025	1079	894
Volumetric Flow Rate (acfm)	2125	2237	1855
Volumetric Flow Rate (scfm)	669	637	583
Concentration (gr/dscf)	0.0241	0.0155	0.0352
Concentration@7% O2 (gr/dscf)	0.0338	0.0225	0.0591
Mass Emission Rate (lbs./hr.)	0.14	0.08	0.18
Percent Isokinetic	109.05	103.80	97.03



7.0 Carbon Monoxide Emission Results  
 Fred Hunter  
 Crematory 0112149  
 Report 3264-S

	Run1	Run 2	Run 3	Average
Date	9/22/2010	9/22/2010	9/22/2010	
Start Time	8:20	10:53	12:20	
Stop Time	9:22	11:54	13:22	
Percent Oxygen	10.99	11.31	12.63	
Carbon Monoxide (PPM )	4.80	4.54	0.12	
Carbon Monoxide Emissions (PPM @ 7% O <sub>2</sub> )	6.73	6.57	0.20	4.50
Carbon Monoxide Allowable ( PPM@ 7% O <sub>2</sub> )	100	100	100	100

10.0 Summary of Field and Laboratory Data  
 Fred Hunter  
 Crematory 0112149  
 Report 3264-S

	Run 1	Run 2	Run 3
Date	9/22/2010	9/22/2010	9/22/2010
Start Time	8:20	10:53	12:20
Stop Time	9:22	11:54	13:22
CP	0.84	0.84	0.84
Y	1.0030	1.0030	1.0030
$\Delta H_a$ (inches H <sub>2</sub> O)	1.7369	1.7369	1.7369
Diameter of Nozzle (inches)	0.6240	0.6240	0.6240
Stack Diameter or Equivlant (inches)	19.50	19.50	19.50
Static Pressure (inches H <sub>2</sub> O)	-0.09	-0.09	-0.09
Barometric Pressure (inches Hg)	30.00	30.00	30.00
Test Time (minutes)	60	60	60
Meter Volume (cubic feet)	45.830	42.059	36.290
Square Root $\Delta P$ (inches H <sub>2</sub> O)	0.179	0.183	0.156
Orifice Pressure $\Delta H$ (inches H <sub>2</sub> O)	1.677	1.484	1.063
Average Meter Temperature (Deg. F)	85.2	91.9	95.3
Average Stack Temperature (Deg. F)	1028.0	1103.3	1041.5
Particulate Sample Weight (grms)	0.0700	0.0408	0.0793
Water Collected (grms)	123.1	163.0	88.7
Percent CO <sub>2</sub>	6.4	7.0	5.4
Percent O <sub>2</sub>	11.0	11.3	12.6
Molecular Weight (lbs/lb Mole)	29.47	29.57	29.37
Nozzle Area (square feet)	0.00212	0.00212	0.00212

# Lee Memorial Park

Funeral Home • Cemetery • Crematory



September 19, 2011

**RECEIVED**

**SEP 26 2011**

**DIVISION OF AIR  
RESOURCE MANAGEMENT**

FDEP

Attn: Dick Dibble  
P.O Box 3070  
Tallahassee, FL 32315-3070

RE: Replacing cremation unit

Mr. Dibble,

We will be replacing an older Matthews Power Pak with a new Super Power Pak III. For us to accomplish this we will remove a portion of the building's roof utilize a crane and lift the old unit out and replace it with the new unit. Enclosed you will find the permit application forms for the Air General Permit Worksheet. If you need any additional information please call. Thank you.

Sincerely,

Allan R. Gilstad

FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION  
2011 SEP 21 AM 9:42  
FLORIDA ACCOUNTING  
REVENUE



3755



**Cremation Division**

September 16, 2011

Al Gilstad  
Lee Memorial Park  
12777 State Road 82  
Fort Myers, FL 33913

Dear Mr. Gilstad,

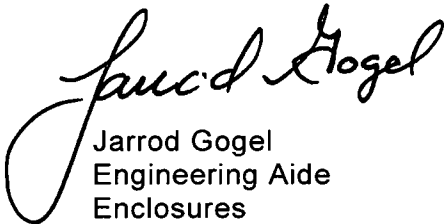
Enclosed are your permit application forms for the Air General Permit Worksheet to replace the current Power Pak machine with a new Super Power Pak III. Please also attach a letter on your letter head stating the scope of work and description of events in regards to removing / installing the equipment.

Please fill in the highlighted areas and make 1 copy of the entire packet. Once completed, you can keep a copy for your records and send the original signed copy to the following address (along with a \$100 check payable to Florida Department of Environmental Protection):

**FDEP Receipts**  
**Attn: Dick Dibble**  
**P.O. Box 3070**  
**Tallahassee, FL 32315-3070**

Please feel free to contact us if you have questions at (800)327-2831. When you finally receive the permit, please fax or mail us a copy so that we can put it in your file.

Sincerely,

  
Jarrod Gogel  
Engineering Aide  
Enclosures

FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION  
2011 SEP 21 AM 9:42  
FINANCE & ACCOUNTING  
REVENUE



# HUMAN CREMATORIES

## Air General Permit Example Registration Worksheet

The Department of Environmental Protection (“Department” or “DEP”) has established an “air general permit” at Florida Administrative Code (“F.A.C.”) Rule 62-210.310(5)(c) for human crematories. An air general permit is an authorization by rule to construct or operate a specific type of air pollutant emitting facility. Use of such authorization by any individual facility does not require action by the Department. The terms and conditions of the air general permit are set forth in the rule, rather than in a separately issued air construction or air operation permit.

If you are the owner or operator of an eligible facility comprising one or more human crematories, you may register to use the air general permit at Rule 62-210.310(5)(c), F.A.C., by following the general procedures given at subsections 62-210.310(2) and 62-210.310 (5), F.A.C. To register, use the Department’s electronic registration system (currently under development) or submit all the information specified in the above rules to either of the following addresses, along with the air general permit registration processing fee (\$100.00), payable to FDEP.

### Regular USPS Mail Delivery

Department of Environmental Protection  
Receipts  
Post Office Box 3070  
Tallahassee, Florida 32315-3070

or

### Overnight Delivery (FedEx, UPS, DHL, etc.)

Department of Environmental Protection  
3800 Commonwealth Blvd.  
Mail Station 77  
Tallahassee, Florida 32399

If you properly register to use an air general permit, and are not denied use of the air general permit by the Department, you are authorized to construct and operate the facility in accordance with the general terms and conditions of Rule 62-210.310, F.A.C., and the specific terms and conditions of Rule 62-210.310(5)(c), F.A.C. Your facility may vary, so be sure your registration describes the operations at your facility in sufficient detail to demonstrate the facility’s eligibility for use of the air general permit and to provide a basis for tracking any future equipment or process changes. Your registration should describe all air pollutant-emitting processes and equipment at the facility, and it should identify any air pollution control measures or equipment used.

The rules do not require any specific format for the registration. This worksheet, however, has been designed to assist owners and operators. Using it as a template for a general permit registration will help ensure that all necessary information is submitted.

Additional information can be found on the Department’s air general permit program website ([http://www.floridadep.org/air/emission/air\\_gp.htm](http://www.floridadep.org/air/emission/air_gp.htm)) or by calling the Small Business Environmental Assistance Program Hotline at 1-800-SBAP-HLP (1-800-722-7457).

FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION  
2011 SEP 21 AM 9:42  
FINANCIAL ASSISTANCE  
REVENUE

## Dibble, Dickson

---

**From:** Dibble, Dickson  
**Sent:** Thursday, September 29, 2011 4:28 PM  
**To:** 'allan.gilstad@dignitymemorial.com'  
**Cc:** Arif, Syed  
**Subject:** Facility ID# 0710069; SCI of Florida dba Lake Memorial Park Crematory - Human Crematory Air General Permit Registration  
**Attachments:** FacilityID#0710069;SClofFloridadbLakeMemorialParkCrematory.pdf

Dear Mr. Gilstad,

I am in receipt of the subject item facility's registration form for the purpose of a change of equipment.

There are a couple of issues that need to be resolved in order for me to continue with the review and processing of your equipment change registration.

I have attached a pdf copy of the actual registration worksheet minus the design calculations of the new unit.

Please refer to the first page (our numbered Page 2) for issue #1) below.

- 1) Your current Human Crematory Air General Permit Registration (ARMs# 0710069-004-AG) indicates that your facility is under the ownership of **KADEK ENTERPRISES OF FLORIDA** and not **SCI of Florida** as indicated on this most recent registration. Can you shed some light on this for me, since under Air General Permit rules, permits are not transferable and require the submission of a new registration form when a change in ownership occurs? Was there a change in ownership and which is the correct owning entity?

Please refer to the third page (our numbered Page 4) for issue #'s 2 & 3 below.

- 2) The rule requires that a registration must contain all emission units currently on-site as well as those being proposed/constructed. You have included the proposed unit, but there is no mention of any existing units currently on site. Please use page four (4) to list the unit details, including the appropriate serial numbers for each of the existing units.
- 3) We are aware that there are currently two (2) torts on-site, but because you did not include those on the registration, I have no idea which unit is being replaced and therefore I am not able to remove or INACTIVATE the appropriate unit in our database. Which unit is being replaced?

To simplify this process, you may download and print the attached form and update accordingly. Then rescan the form, attach it to an e-mail to me and upon receipt I will attach your update as an addendum to the registration I have in hand.

Thank you for your prompt attention to and response to my request for additional information.

In the meantime, if you should have any questions, comments or concerns please e-mail or call.

Have a great day and better weekend!

Sincerely yours,

*Dickson E. Dibble*

**Dickson E. Dibble, ES III**  
Air General Permit Program

FDEP Division of Air Resource Management  
Office of Permitting & Compliance  
Minerals & Metals Section  
Tel. (850) 717-9071  
FAX (850) 717-9001  
GIC - #59571  
[Dickson.Dibble@dep.state.fl.us](mailto:Dickson.Dibble@dep.state.fl.us)



**Please note:** Florida has a very broad public records law. Most written communications to or from state officials regarding state business are public records available to the public and media upon request. Your e-mail communications may therefore be subject to public disclosure