

## HUMAN CREMATORY AIR GENERAL PERMIT REGISTRATION FORM

### Part II. Notification to Permitting Office

(Detach and submit to appropriate permitting office; keep copy onsite)

**Instructions:** To give notice to the Department of an eligible facility's intent to use this air general permit, the owner or operator of the facility must detach and complete this part of the Air General Permit Registration Form and submit it to the appropriate Department of Environmental Protection or local air pollution control program office which has permitting authority. Please type or print clearly all information, and enclose the appropriate air general permit registration processing fee pursuant to Rule 62-4.050(4)(o), F.A.C. (\$100 as of the effective date of this form)

#### Registration Type

Check one:

**INITIAL REGISTRATION** - Notification of intent to:

- Construct and operate a proposed new facility.  
 Operate an existing 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).

**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., or any other change not considered an administrative correction under Rule 62-210.310(2)(d), F.A.C.

0250944-008

#### Surrender of Existing Air Operation Permit(s) - For Initial Registrations Only

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. In such case, check the first box, and indicate the operation permits being surrendered. If no air operation permits are held by the facility, check the second box.

- All existing air operation permits for this facility are hereby surrendered upon the effective date of this air general permit; specifically permit number(s): \_\_\_\_\_  
 No air operation permits currently exist for this facility.

#### 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.)

**ALLEN & SHAW**

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

**OPA LOCKA FACILITY**

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

Street Address: **13931 NW 20<sup>TH</sup> COURT**

City: **OPA LOCKA**

County: **DADE**

Zip Code: **33054**

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

**N/A**

**Owner/Authorized Representative**

Name and Position Title (Person who, by signing this form below, certifies that the facility is eligible to use this air general permit.)

Print Name and Title: **VERL SHAW, PRESIDENT**

Owner/Authorized Representative Mailing Address

Organization/Firm: **ALLEN & SHAW**

Street Address: **P. O. Box 540982**

City: **OPA LOCKA**

County: **DADE**

Zip Code: **33054**

Owner/Authorized Representative Telephone Numbers

Telephone: **305-681-1426**

Fax: **800-458-8578**

Cell phone (optional):

**Facility Contact (If different from Owner/Authorized Representative)**

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

Print Name and Title: **SAME AS ABOVE**

Facility Contact Mailing Address

Organization/Firm:

Street Address:

City:

County:

Zip Code:

Facility Contact Telephone Numbers

Telephone:

Fax:


Cell phone (optional):

**Owner/Authorized Representative Statement**

This statement must be signed and dated by the person named above as owner or authorized representative

*I, the undersigned, am the owner or authorized representative of the owner or operator of the facility addressed in this Air General Permit Registration Form. I hereby certify, based on information and belief formed after reasonable inquiry, that the facility addressed in this registration form is eligible for use of this air general permit and that the statements made in this registration form are true, accurate and complete. Further, I agree to operate and maintain the facility described in this registration form so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof.*

*I will promptly notify the Department of any changes to the information contained in this registration form.*

  
\_\_\_\_\_  
Signature

4-24-09  
\_\_\_\_\_  
Date

### 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.

Manufacturer's' design calculations attached.

Registration is not for proposed new human crematory unit(s).

### Description of Facility

Below, or as an attachment to this form, provide a description of all crematory operations at the facility in sufficient detail to demonstrate the facility's eligibility for use of this air general permit and to provide a basis for tracking any future equipment or process changes at the facility. Describe all air pollutant-emitting processes and equipment at the facility, and identify any air pollution control measures or equipment used.

**This re-registration is for five human crematories.**

**Units 1, 4 and 5 are B&L Systems, Inc. Pheonix Series crematories designed to burn human remains at the average incineration rate of 150 pounds per hour. Each incinerator consists of a primary and secondary (afterburner) chamber, fired exclusively on natural gas with a maximum total design heat input rate of 1.35 mmbtu/hr (0.35 mmbtu/hr. Primary chamber, 1.0 mmbtu/hr. Secondary chamber). Emissions are controlled by the afterburner, which will maintain a minimum secondary chamber combustion zone temperature of 1600 Deg F prior to and during combustion of material in the primary chamber. The secondary chamber is designed to insure one second residence time at a gas temperature of 1800 Deg F and is equipped with a continuous temperature monitor and recorder.**

**Units 2 and 3 are B&L Systems, Inc. N20 series human crematory incinerators designed to burn human remains at the average incineration rate of 150 pounds per hour. Each incinerator consists of primary and secondary (afterburner) chambers, each fired with LPG or natural gas with a maximum total design heat input rate of 1.3 mmbtu/hr. Emissions on each unit are controlled by the afterburner, which maintains a minimum secondary chamber combustion zone temperature of 1600 Deg F prior to and during combustion of material in the primary chamber. The secondary chamber is designed to insure one second residence time at a gas temperature of 1800 Deg F, and is equipped with a continuous temperature monitor and recorder.**

**All units are equipped with an opacity that will shut down the primary burner if excess emissions are detected.**

**The FDEP facility ID for this facility is 0250944**

**AIR GENERAL  
PERMIT REGISTRATION**

**ALLEN & SHAW**

**FIVE HUMAN CREMATORIES**

Facility ID: 0250944  
SES Reference No. 09P199

Prepared For:

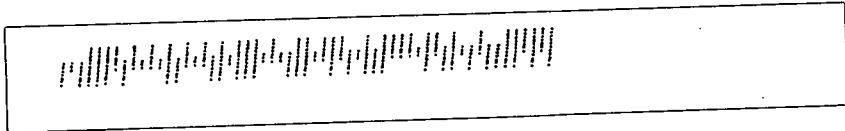
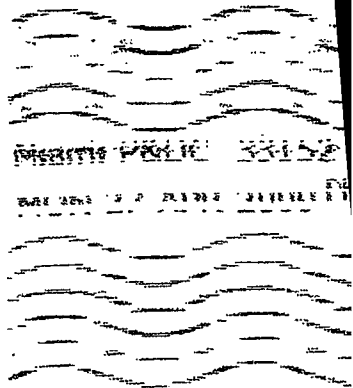
**ALLEN & SHAW**  
13931 NW 20th Court  
Opa Locka, Florida 33054

Prepared By:

**SOUTHERN ENVIRONMENTAL  
SCIENCES, INC.**  
1204 North Wheeler Street  
Plant City, Florida 33566

**REGISTRATION FORM**

Allen & Shaw Cremations, Inc.  
PO Box 540982  
Opa-Locka, Florida 33054



FLA. Dep. of Environmental  
Protection Repts.  
P.O. Box 3070  
Tallahassee FL 32315-3070