

RECEIVED

MAY 10 2010

Bureau of Air Monitoring  
& Mobile Sources

**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)

0251325-001

**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.

**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.

2010 MAY - 7 11:03  
REVENUE  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

**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.)

Florida Cremation & Autopsy, LLC

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.)

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

Street Address: 12830 NW 42 Avenue  
City: Opa-locka County: Miami Dade Zip Code: 33054-4434

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

July 2000

**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: Torge A Montero, Manage Member

Owner/Authorized Representative Mailing Address

Organization/Firm: Florida Cremation & Autopsy, LLC  
Street Address: 12830 NW 42 Avenue  
City: Opa-locka County: Miami Dade Zip Code: 33059-4434

Owner/Authorized Representative Telephone Numbers

Telephone: (305) 7732695 Fax: 786 427 1301  
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:

Facility Contact Mailing Address

Organization/Firm:  
Street Address:  
City: County: Zip Code:

Facility Contact Telephone Numbers

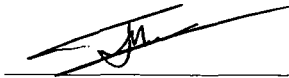
Telephone: Fax:  
Cell phone (optional):

**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

05/05/2010

Date

**Design Calculations**

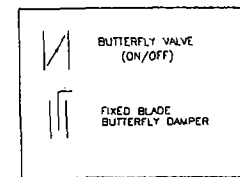
If this is an initial registration for a proposed new human crematory unit, provide design calculations to confirm a sufficient volume in the secondary chamber combustion zone to provide for at least a 1.0 second gas residence time at 1800 degrees F.

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

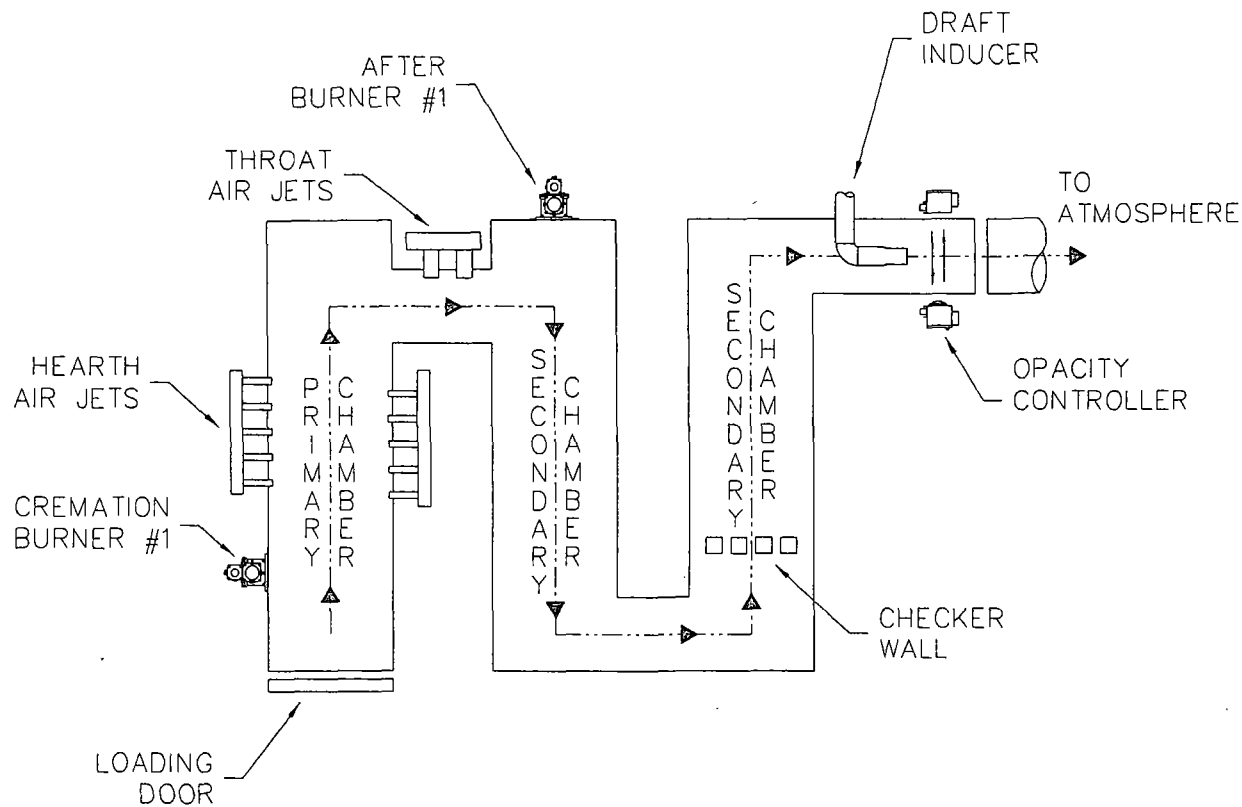
**Description of Facility**

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.  
Installation of new Super Power Pak III human crematory unit at existing facility.  
See attached process flow diagram.

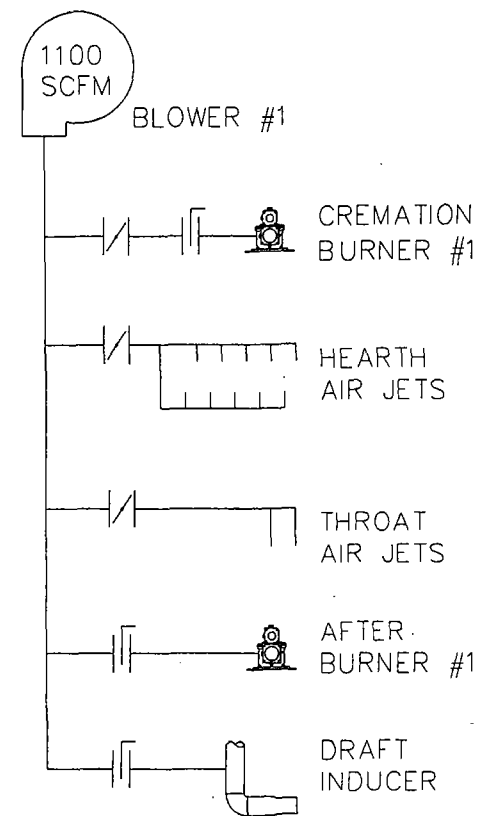
5/19/10  
NATURAL GAS FIRED per telecon w/ JORGE  
MONTEZO, OAR.  
W. W. Dibble



FLOW DIAGRAM



AIR SCHEMATIC



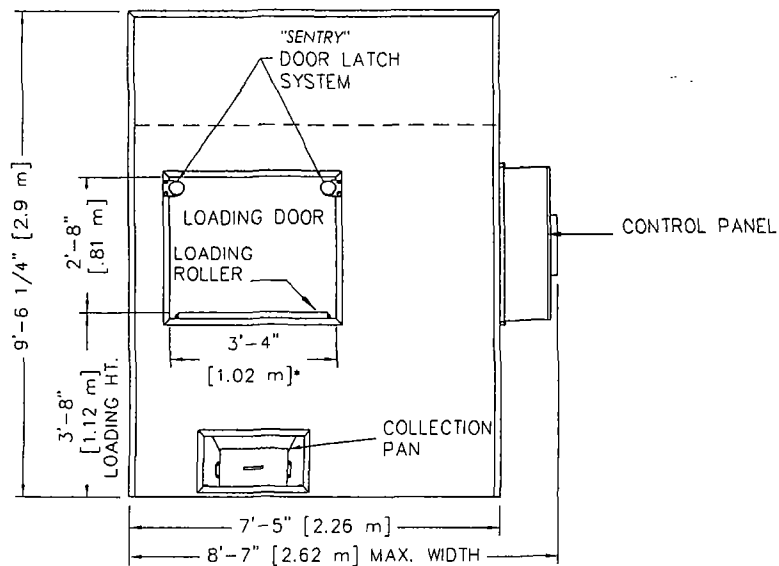
Matthews  
CREMATION DIVISION

2045 Sprint Boulevard  
Apopka, Florida 32703  
USA

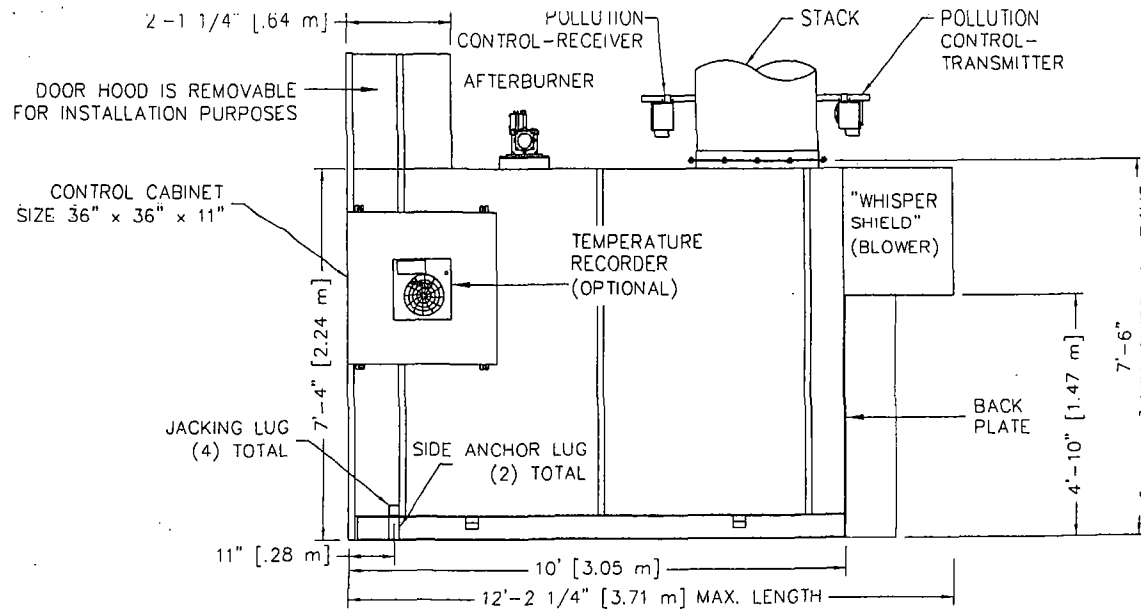
SUPER POWER PAK III

FLOW DIAGRAM  
& AIR SCHEMATIC

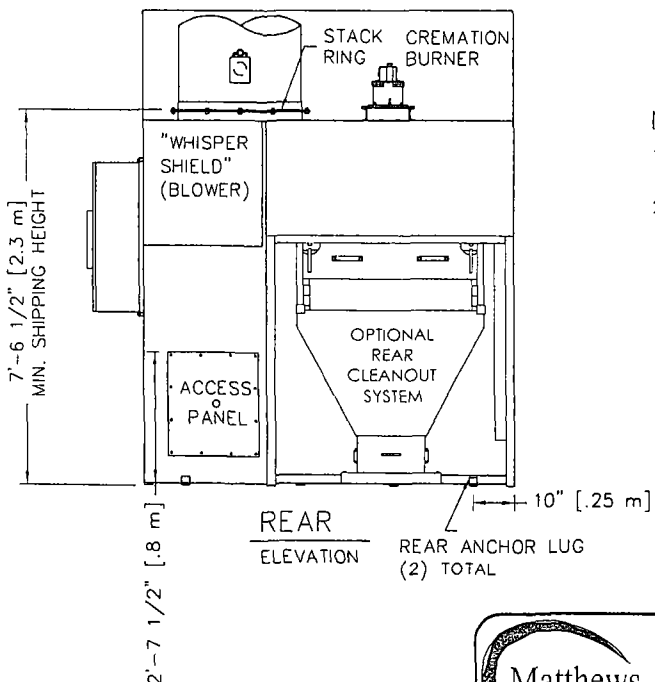
DATE:	08-05-05	SCALE:	1/
DRAWN:	JG	PLOT SCALE:	
APRVD:		SHEET:	1 OF:
DWG FILE:	SPPIIIFlowDiaAirS		
DWG #:	000		



FRONT  
ELEVATION

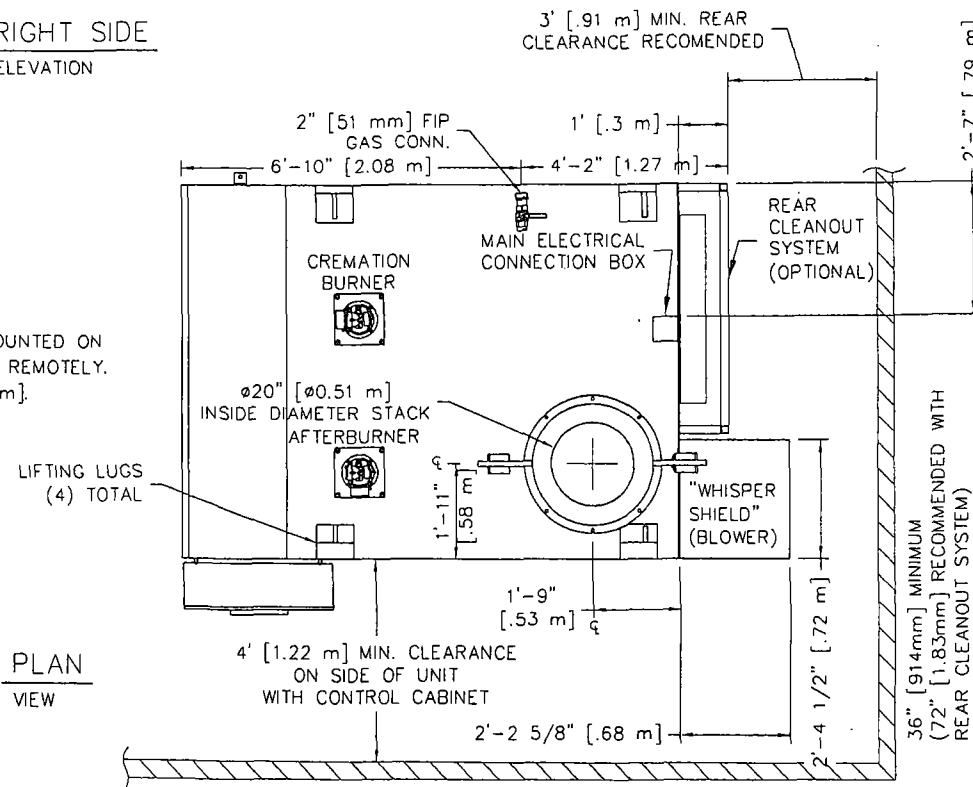


RIGHT SIDE  
ELEVATION



REAR  
ELEVATION

- NOTES:
- CONTROL CABINET CAN BE MOUNTED ON THE LEFT OR RIGHT SIDE, OR REMOTELY.
  - 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 & RECOMMENDATIONS

DATE:	10-26-06	SCALE:	1/
DRAWN:	JG	PLOT SCALE:	
APRVD:		SHEET:	1 OF
DWG FILE:	SPPIII-MarketingPlanE		
DWG #:	000		

## CREMATOR CLEARANCES

### RECOMMENDED

### MINIMUM

TOP: ②	2 FEET [610 mm]	6 INCHES [152 mm]
CABINET SIDE:	4 FEET [1.22 m]	4 FEET [1.22 m]
OTHER SIDE:	2 FEET [610 mm]	6 INCHES [152 mm]
FRONT:	9 FEET [2.74 m]	8 FEET [2.44 m]
REAR:	3 FEET [0.91 m]	32 INCHES [812 mm]
STACK:	6 INCHES [152 mm]	6 INCHES [152 mm]

- FOR CLEARANCES OTHER THAN THOSE SHOWN, OR FOR SPECIAL REQUIREMENTS, CONSULT YOUR MCD REP.
- FROM HIGHEST POINT ON UNIT.
- CONTROL CABINET MOUNTS ON UNIT'S LEFT OR RIGHT SIDES, OR REMOTELY. (SEE PLAN VIEW, SHEET 1).
- REAR OF UNIT REFERS TO THE "BACK PLATE", RATHER THAN THE BACK OF THE "WHISPER SHIELD". (SEE PLAN VIEW, SHEET 1).

## CREMATOR REQUIREMENTS

FUEL: A PRESSURE REGULATOR ADJUSTABLE TO 7" [178 mm] W.C. FOR NATURAL GAS, OR 11" [279 mm] W.C. FOR LP GAS.

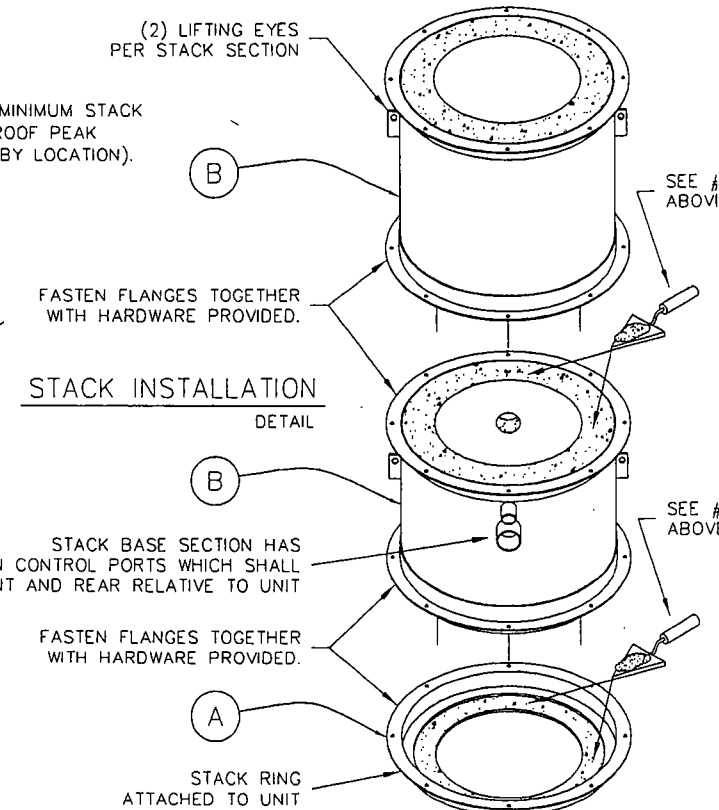
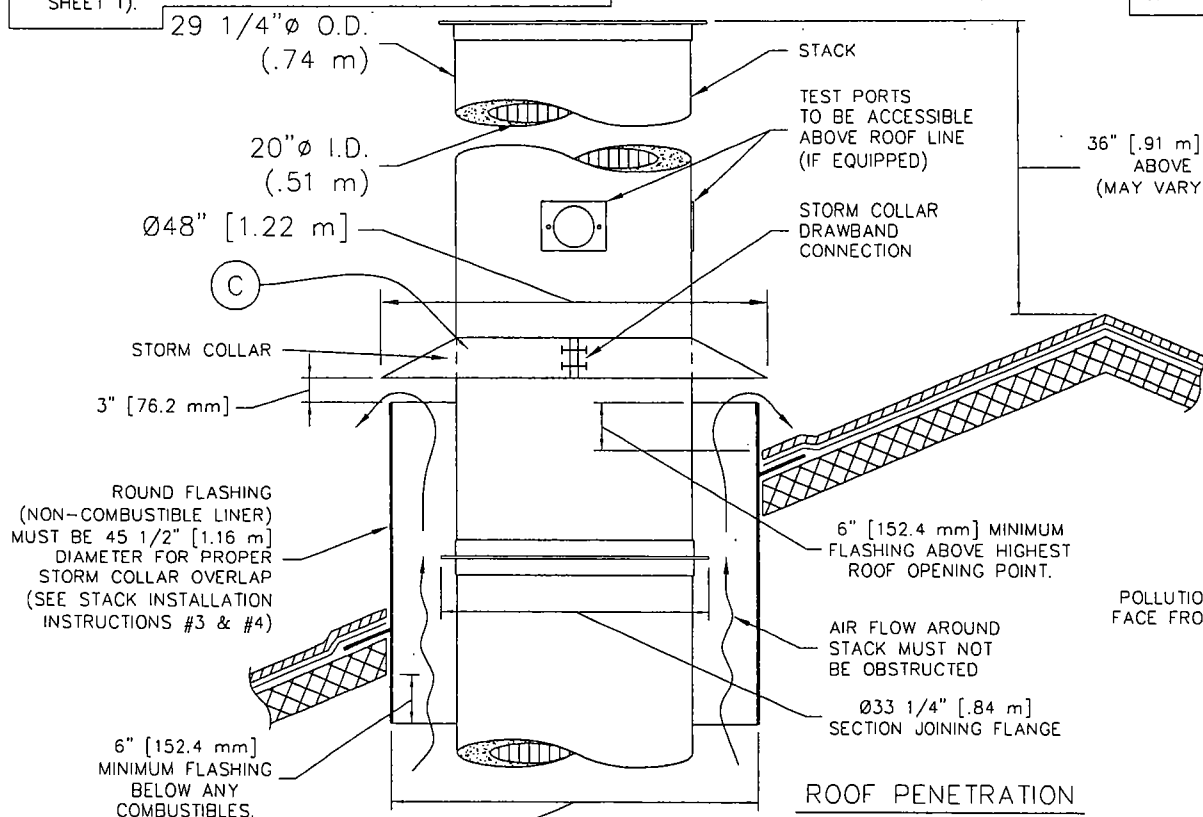
CAPACITY: RANGES FROM 2.0 TO 3.0 MILLION BTU/HR [2.1 TO 3.1 MILLION KILOJouLES/HR] DEPENDING UPON AMOUNT OF BURNERS.

ELECTRICAL: 230 VOLT, 3 $\phi$ , (40A BREAKER) AND 115v (10A BREAKER), OR 230 VOLT, 1 $\phi$ , (70A BREAKER) AND 115v (10A BREAKER) 50/60 HERTZ

AIR: LOUVER NEAR THE REAR OF THE UNIT CAPABLE OF PASSING 2,500 CU FT/MIN [70.8 CU M/MIN] OF FREE AIR (36" X 36") [914 mm X 914 mm].

## STACK INSTALLATION INSTRUCTIONS

- APPLY A 1/2" THICK MORTAR JOINT TO EXPOSED REFRACTORY SURFACE IN STACK RING. LOWER THE BASE STACK SECTION (B) ONTO STACK RING (A) AND FASTEN WITH HARDWARE PROVIDED (NO MORE THAN (2) STACK SECTIONS SHALL BE LIFTED TOGETHER). REPEAT PROCESS FOR REMAINING STACK SECTIONS. IF SECTIONS OF VARYING LENGTHS ARE SUPPLIED, ASSEMBLE AS TO AVOID FLANGES & LIFTING EYES INTERFERING WITH RAIN COLLAR LOCATION.
- INSTALL STORM COLLAR ON STACK, 3" [72 mm] ABOVE NON-COMBUSTIBLE LINER (FLASHING), ALLOWING FOR PROPER VENTILATION (SEE DETAIL).
- APPLY A 1/4" [6 mm] BEAD OF HIGH-TEMPERATURE SILICON SEALANT (PROVIDED BY MCD) TO THE JOINT BETWEEN THE STORM COLLAR (C) AND THE STACK (B).
- STORM COLLAR IS FURNISHED BY MCD. THE NON-COMBUSTIBLE LINER (FLASHING) TO BE PROVIDED BY THE OTHERS.
- IF FIFTY PERCENT OF THE STACK LENGTH IS ABOVE THE ROOF, GUY WIRES MAY BE REQUIRED. CONSULT WITH YOUR MCD REP.
- RAIN CAP NOT REQUIRED.



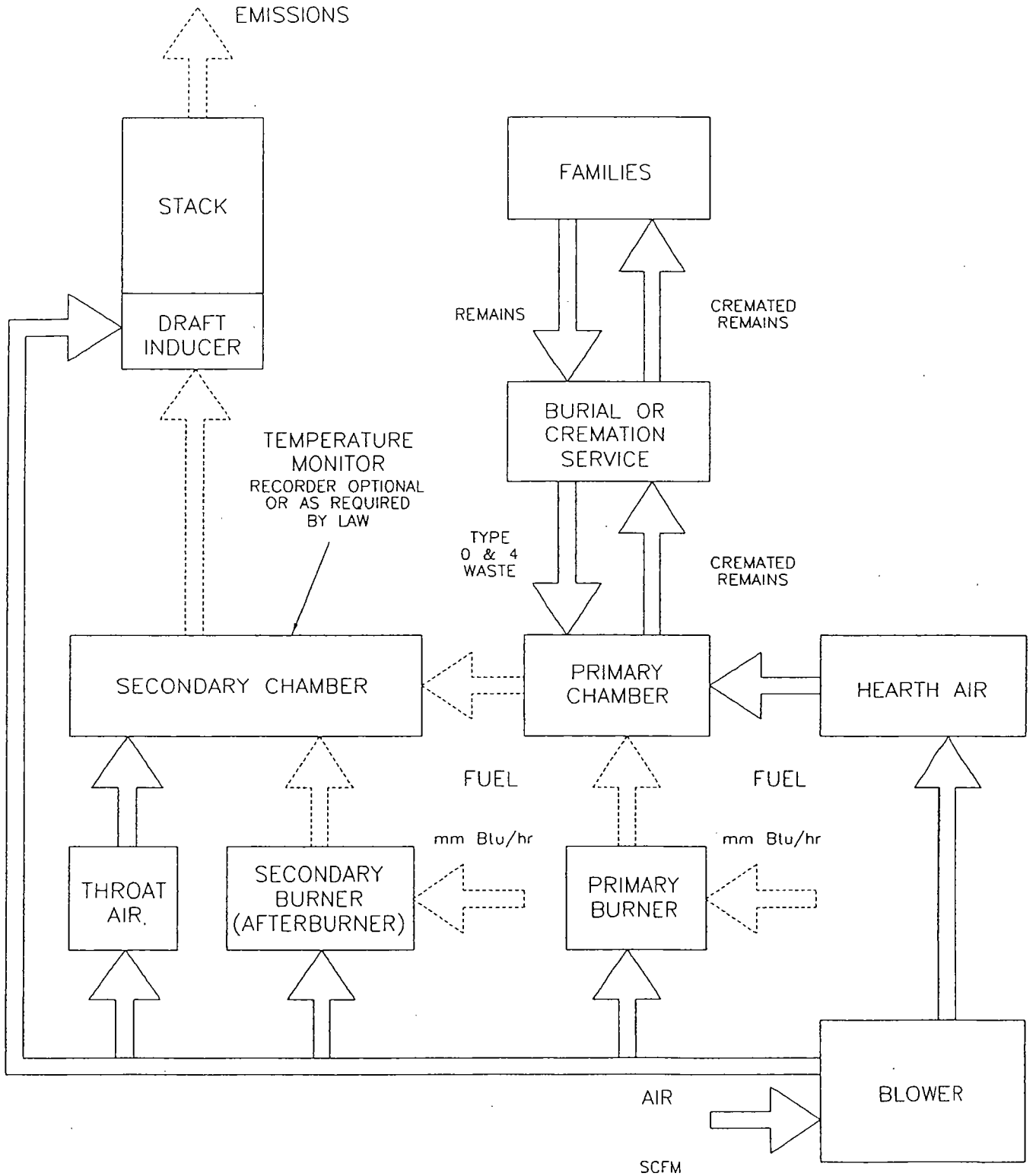
2045 Sprint Boulevard  
Apopka, Florida 32703  
USA

SUPER POWER-PAK III

STACK DETAILS, CLEARANCES &  
INSTALLATION INSTRUCTIONS.  
REFRACTORY STACK DETAIL

DATE:	10-26-06	SCALE:	1/2"
DRAWN:	JC	PLOT SCALE:	1:
APRVD:		SHEET:	2 OF:
DWG FILE:	SPPIII-MarketingStackRefS2		
DWG #:	00001		

# 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..... 61 cubic feet (1.7 m<sup>3</sup>)
  - B. Secondary Chamber ..... 99 cubic feet (2.8 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..... > 1 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.

**Air Emissions Testing**

**IE43-SPP, Super Power-Pak Cremator**

**Metro Crematory, Inc.  
Ocoee, Florida**

**April 23, 2003**

**Testing Performed By:**

**Southern Environmental Sciences, Inc.**

## 1.0 INTRODUCTION

Southern Environmental Sciences, Inc. conducted emissions testing of the Industrial Equipment & Engineering Company Model IE43-SPP, Super Power-Pak cremator on April 23, 2003. The unit is located at Metro Crematory, Inc.; 751 South Bluford Ave.; Ocoee, Florida 34761. Testing was conducted for the particulates, carbon monoxide, and visible emissions. Oxygen (O<sub>2</sub>) concentrations were measured in order to correct results to 7% O<sub>2</sub>.

## 2.0 SUMMARY OF RESULTS

The equipment was found to be in compliance with all applicable emission limiting standards. Results of the particulate and carbon monoxide testing are summarized in Table 1.

The average measured particulate emission concentration was 0.033 grains per dry standard cubic foot (corrected to 7% O<sub>2</sub>).

The average measured carbon monoxide emission concentration was 16.5 parts per million by volume (corrected to 7% O<sub>2</sub>).

A visible emissions evaluation was conducted over a 60-minute period. The maximum three minute average opacity was 0 percent.

The testing personnel detected no objectionable odor during the stack test.

Mr. Gregory Bryant of the Orange County Environmental Protection Division was present for the testing.

### 3.0 PROCESS DESCRIPTION

The IE43-SPP, Super Power-Pak cremator is a gas fired, multiple chamber design. A human body enclosed in a wooden or cardboard container or animal tissue is loaded into the primary chamber. The afterburner ignites and heats the secondary chamber to the required temperature. A process controller that automatically modulates the gas supply to the afterburner maintains the secondary chamber temperature.

After the secondary chamber has been heated sufficiently, the cremation burner ignites and the cremation process is initiated. A typical cremation takes 60 to 90 minutes, but the time may vary depending on the body weight and various other factors.

A gas flow schematic is shown in Figure 1. Process rates for the test are included in the appendix.

## EMISSIONS TEST SUMMARY

REVISED 6/6/03

Company: METRO CREMATORY, INC.

Source: IE43-SUPER POWER PAK HUMAN CREMATORY

	Run 1	Run 2	Run 3	
Date of Run	4/23/03	4/23/03	4/23/03	
Start Time (24-hr. clock)	1048	1410	1631	
End Time (24-hr. clock)	1150	1515	1734	
Vol. Dry Gas Sampled Meter Cond. (DCF)	42.008	38.747	41.028	
Gas Meter Calibration Factor	1.012	1.012	1.012	
Barometric Pressure at Barom. (in. Hg.)	30.02	30.01	29.97	
Elev. Diff. Manom. to Barom. (ft.)	0	0	0	
Vol. Gas Sampled Std. Cond. (DSCF)	41.027	37.645	39.507	
Vol. Liquid Collected Std. Cond. (SCF)	5.003	4.583	4.140	
Moisture in Stack Gas (% Vol.)	10.9	10.9	9.5	
Molecular Weight Dry Stack Gas	30.00	30.00	30.00	
Molecular Weight Wet Stack Gas	28.70	28.70	28.86	
Stack Gas Static Press. (in. H <sub>2</sub> O gauge)	-0.04	-0.04	-0.05	
Stack Gas Static Press. (in. Hg. abs.)	30.02	30.01	29.97	
Average Square Root Velocity Head	0.208	0.183	0.191	
Average Orifice Differential (in. H <sub>2</sub> O)	1.530	1.262	1.435	
Average Gas Meter Temperature (°F)	91.0	93.3	97.8	
Average Stack Gas Temperature (°F)	1061.5	1067.7	1097.0	
Pitot Tube Coefficient	0.84	0.84	0.84	
Stack Gas Vel. Stack Cond. (ft./sec.)	19.9	17.54	18.43	
Effective Stack Area (sq. ft.)	2.41	2.41	2.41	
Stack Gas Flow Rate Std. Cond. (DSCFM)	891	782	818	
Stack Gas Flow Rate Stack Cond. (ACFM)	2,872	2,532	2,660	
Net Time of Run (min.)	60.0	60.0	60.0	
Nozzle Diameter (in.)	0.598	0.598	0.598	
Percent Isokinetic	94.7	99.0	99.4	
Oxygen (%)	12.9	13.2	13.9	
Particulate Collected (mg.)	18.9	71.2	43.2	
				<u>Average</u>
Particulate Emissions (gr./DSCF)	0.007	0.029	0.017	0.018
Particulate Emissions (gr./DSCF @ 7% O <sub>2</sub> )	0.012	0.052	0.034	0.033
Particulate Emissions (lb./hr.)	0.100	0.200	0.100	0.133
CO Emissions (ppm)	18.90	4.90	4.00	9.28
CO Emissions (ppm @ 7% O <sub>2</sub> )	32.70	8.80	7.90	16.50
CO Emissions (lb./hr.)	0.074	0.017	0.014	0.035

Note: Standard conditions 68°F, 29.92 in. Hg

# SOUTHERN ENVIRONMENTAL SCIENCES, INC.

1204 North Wheeler Street, Plant City, Florida 33566 (813)752-5014

## VISIBLE EMISSIONS EVALUATION

COMPANY <i>Metro Crematory, Inc</i>	
UNIT <i>IEE Super Power Pak</i>	
ADDRESS <i>Bluford Ave, Ocoee, Florida</i>	
PERMIT NO. <i>0950022-002-Ac</i>	COMPLIANCE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
AIRS NO. <i>0950022</i>	EU NO.
PROCESS RATE <i>Adult Size Body</i>	PERMITTED RATE <i>Adult Size Body</i>
PROCESS EQUIPMENT <i>IEE model IE43-SPP crematory</i>	
CONTROL EQUIPMENT <i>Afterburner</i>	
OPERATING MODE <i>Propane Fired</i>	AMBIENT TEMP. (°F) START <i>78</i> STOP <i>78</i>
HEIGHT ABOVE GROUND LEVEL START <i>~20'</i> STOP <i>~20'</i>	HEIGHT REL. TO OBSERVER START <i>~20'</i> STOP <i>~20'</i>
DISTANCE FROM OBSERVER START <i>~100'</i> STOP <i>~100'</i>	DIRECTION FROM OBSERVER START <i>15°</i> STOP <i>15°</i>
EMISSION COLOR <i>None</i>	PLUME TYPE CONTIN. <input type="checkbox"/> INTERMITTENT <input type="checkbox"/>
WATER DROPLETS PRESENT NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>	IS WATER DROPLET PLUME ATTACHED <input type="checkbox"/> DETACHED <input checked="" type="checkbox"/>
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED START <i>stack exit</i> STOP <i>stack exit</i>	
DESCRIBE BACKGROUND START <i>sky</i> STOP <i>sky</i>	
BACKGROUND COLOR START <i>Blue</i> STOP <i>Blue</i>	SKY CONDITIONS START <i>clear</i> STOP <i>clear</i>
WIND SPEED (MPH) START <i>5-10</i> STOP <i>5-10</i>	WIND DIRECTION START <i>NE</i> STOP <i>NW</i>
AVERAGE OPACITY FOR HIGHEST PERIOD <i>0.70</i>	RANGE OF OPAC. READINGS MIN. <i>0.57</i> MAX. <i>0.70</i>
SOURCE LAYOUT SKETCH DRAW NORTH ARROW	
COMMENTS	

OBSERVATION DATE		START TIME		STOP TIME					
<i>4/23/03</i>		<i>1410</i>		<i>1510</i>					
SEC	0	15	30	45	SEC	0	15	30	45
MIN					MIN				
0	0	0	0	0	30	0	0	0	0
1	0	0	0	0	31	0	0	0	0
2	0	0	0	0	32	0	0	0	0
3	0	0	0	0	33	0	0	0	0
4	0	0	0	0	34	0	0	0	0
5	0	0	0	0	35	0	0	0	0
6	0	0	0	0	36	0	0	0	0
7	0	0	0	0	37	0	0	0	0
8	0	0	0	0	38	0	0	0	0
9	0	0	0	0	39	0	0	0	0
10	0	0	0	0	40	0	0	0	0
11	0	0	0	0	41	0	0	0	0
12	0	0	0	0	42	0	0	0	0
13	0	0	0	0	43	0	0	0	0
14	0	0	0	0	44	0	0	0	0
15	0	0	0	0	45	0	0	0	0
16	0	0	0	0	46	0	0	0	0
17	0	0	0	0	47	0	0	0	0
18	0	0	0	0	48	0	0	0	0
19	0	0	0	0	49	0	0	0	0
20	0	0	0	0	50	0	0	0	0
21	0	0	0	0	51	0	0	0	0
22	0	0	0	0	52	0	0	0	0
23	0	0	0	0	53	0	0	0	0
24	0	0	0	0	54	0	0	0	0
25	0	0	0	0	55	0	0	0	0
26	0	0	0	0	56	0	0	0	0
27	0	0	0	0	57	0	0	0	0
28	0	0	0	0	58	0	0	0	0
29	0	0	0	0	59	0	0	0	0

Observer: *Dynon Nelson*

Certified by: *FDSP* Certified at: *Tampa, FL*

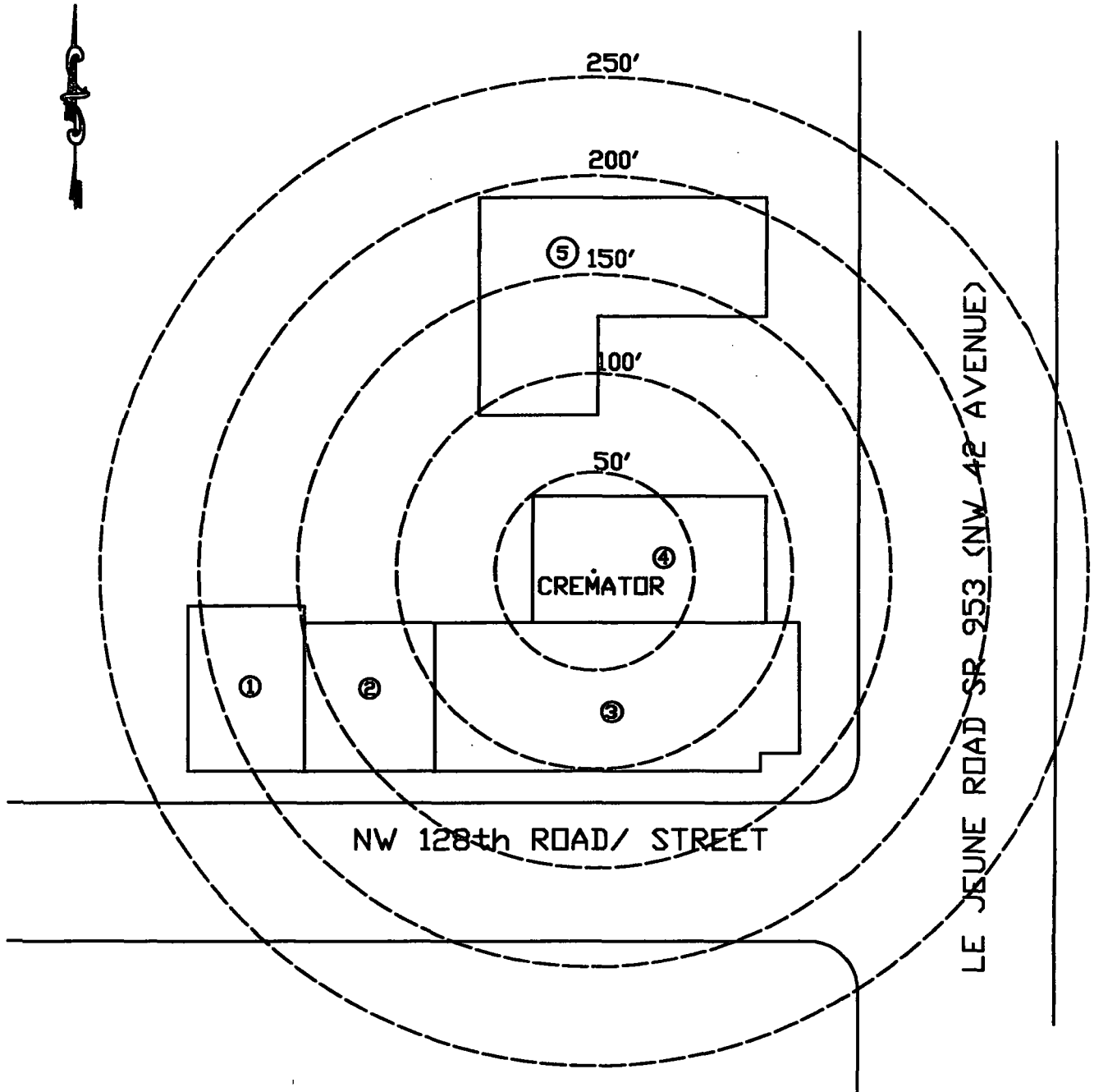
Date Certified: *2/13/03* Exp. Date: *8/20/03*

I certify that all data provided to the person conducting the test was true and correct to the best of my knowledge:

Signature: \_\_\_\_\_

Title: \_\_\_\_\_

# PLOT PLAN



## STRUCTURE

## DESCRIPTION

- |          |   |
|----------|---|
| (1)----- | ONE STORY CBS BUILDING                    |
| (2)----- | ONE STORY GALVANIZED WAREHOUSE            |
| (3)----- | ONE STORY CBS BUILDING                    |
| (4)----- | ONE STORY CBS BUILDING (SUBJECT CREMATOR) |
| (5)----- | ONE STORY GALVANIZED WAREHOUSE            |