

Florida Department of Environmental Protection

Bob Martinez Center 2600 Blair Stone Road Tallahassee, Florida 32399-2400 Charlie Crist Governor

Jeff Kottkamp Lt. Governor

Michael W. Sole Secretary

October 14, 2008

Ms. Susan Friend All Pets Cremation Service 3945 Tollhouse Drive, Unit 922 Naples, Florida 34114

Dear Ms. Friend:

This is to acknowledge that your notification of intent to use the authority of Rule 62-210.310 to operate your facility was received on September 11, 2008. We have assigned ARMS No. <u>0210114-001</u> to this facility.

As you know, pursuant to Florida Statutes section 403.814, authority to operate under general permits commences thirty (30) days after receipt of the registration form unless you have been notified by this office that your facility has not shown entitlement to operate pursuant to the rule provisions.

For your information, authority to operate pursuant to Rule 62-210.310 expires after five (5) years. Therefore, a new registration form must be received no later than five (5) years after the date your notice was received as indicated above. If your general permit rule conditions require testing, such testing must be completed within the time frame specified in the rule.

If you have any additional questions, please contact Dickson Dibble at 850/921-9586.

Sincerely,

Sandra F. Veazey, Chief Bureau of Air Monitoring

and Mobile Sources

SFV/pg

cc: Mr. Sherrill Culliver, South District

ANIMAL CREMATORY AIR GENERAL PERMIT REGISTRATION FORM

SEP 03 2008 SOUTH DISTRICT

17

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)(0), F.A.C. (\$100 as of the effective date of this form)

62-4.050(4)(o), F.A.C. (\$100 as of the effective date of this form)
Registration Type 02/01/4-00/3
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.
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.) ALL PETS CREMATION SERVICE
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: 3945 TOLLHOUSE DR. UNIT 922
City: NAPLES County: Zip Code: 34114
Facility Start-Up Date (Estimated start-up date of proposed new facility.) (N/A for existing facilities)
Early 2008 10 10 8

DEP Form No. 62-210.920(2)(d) Effective: January 10, 2007

SEP 03 2008
SOUTH DISTRICT

Owner/Authorized Representative	SOUTH DIST
Name and Position Title: (Person who, by signing this form below, certifies that the	
air general permit.) JUJAN FRIEND	, c
Drint Name and Little:	
OWNER PARTNER. Owner/Authorized Representative Mailing Address	
Owner/Authorized Representative Mailing Address	
Organization/Firm: All PETS CREMATION SERVICE	
Street Address: 3945 TollHOUSE DR. UNIT 922	
City: County: County: Zip	o Code: 34114
NAMES COLLIER FL	34114
Owner/Authorized Representative Telephone Numbers	
Telephone: 239-352-9398 Fax:	
Cell phone (optional):	
239-537-4033	*
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:	cay operations at the rac inty.
SAME	
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 aut	thorized representative
• •	•
1, the undersigned, am the owner or authorized representative of the owner or o	
addressed in this Air General Permit Registration Form. I hereby certify, based	
belief formed after reasonable inquiry, that the facility addressed in this registra use of this air general permit and that the statements made in this registration fo	
and complete. Further, I agree to operate and maintain the facility described in	
as to comply with all applicable standards for control of air pollutant emissions	
the State of Florida and rules of the Department of Environmental Protection ar	
and some system and smoothly the parameter system of an armonium and are	in revisions increase.
I will promptly notify the Department of any changes to the information contains	ed in this registration
form.	
Sunar Friend 811.	-1.5
	8/08
Signature Date	

esign Calculations	_							
If this is an initial registration for a proposed new animal 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 animal 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. See attached process flow diagram								
	}							

DEP Form No. 62-210.920(2)(d) Effective: January 10, 2007

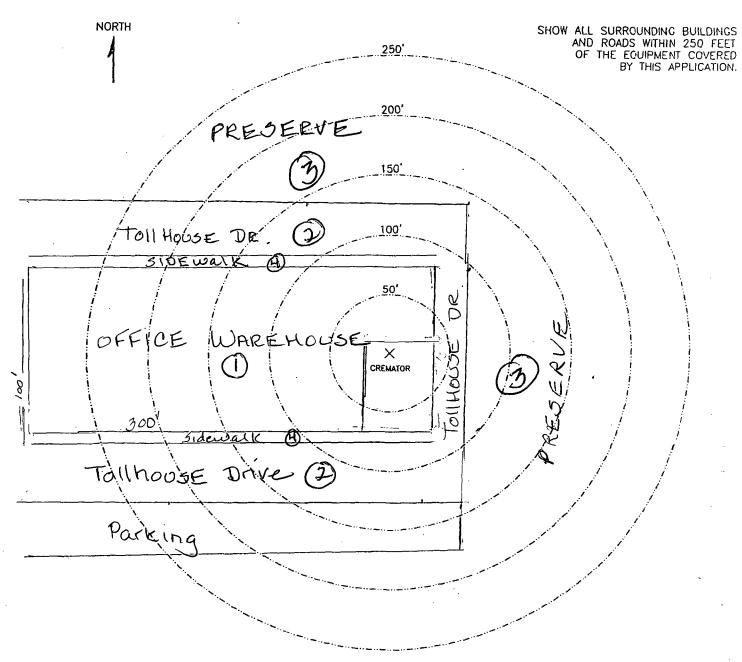
Owner/Authorized Re	presentative				
		by signing this fo	rm below certif	ies that the facility is eligibl	e to use this
air general permit.)	SUSAN 1		0010, 00111.	ines mar me racimy is engion	c 10 asc 1113
Print Name and Title	-				
	OWNER	/ PARTNER	_		
Owner/Authorized Rep	resentative Maili	ng Address	·		
Organization/Firm:					
Street Address: 394	5 Tollhou	23e Dr. U	út 922		
City:		County:		Zip Code:	
Naples		Collier	FL	34114	
Owner/Authorized Rep	resentative Telep				
Telephone: 239-3			Fax:		
Cell phone (optional):					
	537-40	33			-
Facility Contact (If dif	ferent from Ow	ner/Authorized	Representative) JAMF_	
Name and Position Title	(Plant manager	or person to be co	ontacted regard	ing day-to-day operations at	the facility.)
Print Name and Title:					-
SAME					
Facility Contact Mailing	Address Address				
Organization/Firm:				•	
Street Address:					
City:		County:		Zip Code:	
					
Facility Contact Telepho	one Numbers				
Telephone:			Fax:		
Cell phone (optional):					
O		4			
Owner/Authorized Re			 _		····
This statement must be	signed and dated	by the person nar	ned above as o	wner or authorized represent	ative
I, the undersigned,	am the owner or	authorized repres	entative of the	owner or operator of the fac	ility
addressed in this Ai	r General Permi	t Registration For	m. I hereby ce	rtify, based on information a	ınd
				his registration form is eligi	
use of this air gener	al permit and the	at the statements	made in this reg	istration form are true, acci	ırate
and complete. Furt	her, I agree to op	perate and mainta	in the facility d	escribed in this registration	form so
as to comply with a	ll applicable stan	dards for control	of air pollutant	emissions found in the state	ites of
the State of Florida	and rules of the	Department of En	wironmental Pr	otection and revisions there	of.
	fy the Departmen	t of any changes	to the informati	on contained in this registra	tion
form.					•
1	Zn : = -	1		2/12/12	
Signature	DULMO		=	8/18/08	
			n	ate.	

DEP Form No. 62-210.920(2)(d) Effective: January 10, 2007

Design Calculations							
If this is an initial registration for a proposed new animal 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.							
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Description of Facility							
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PLOT PLAN

RECEIVED - D.E.P. SEP 03 2008 SOUTH DISTRICT



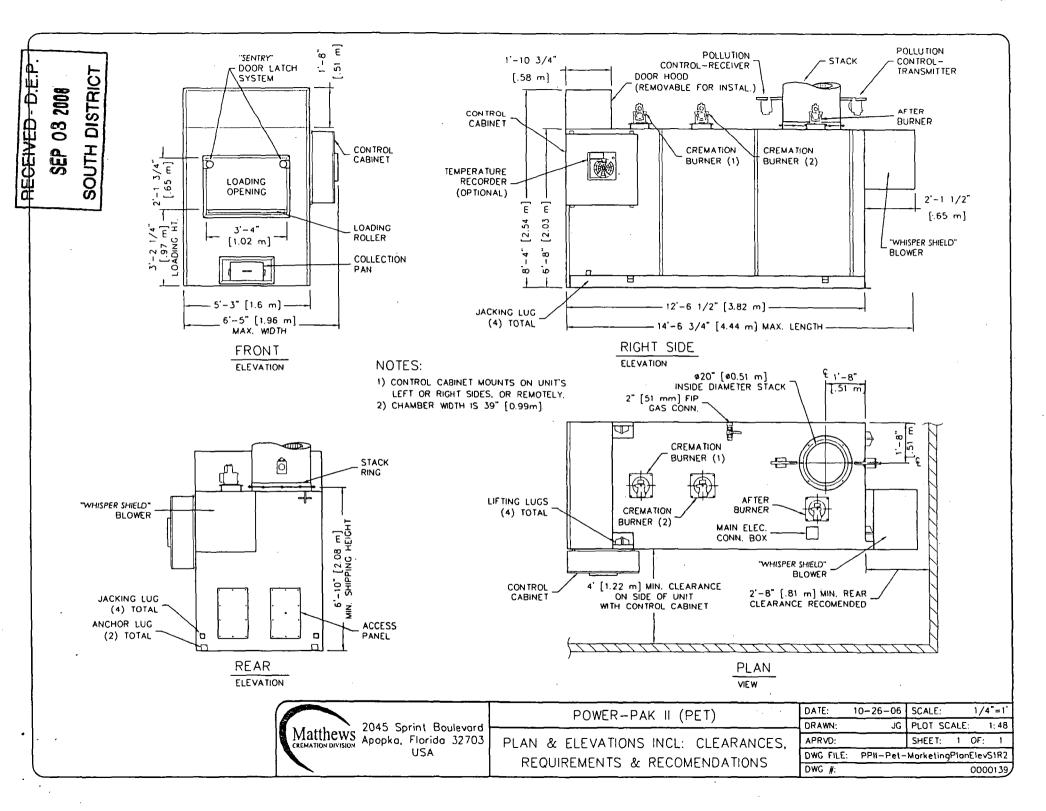
INSTRUCTIONS

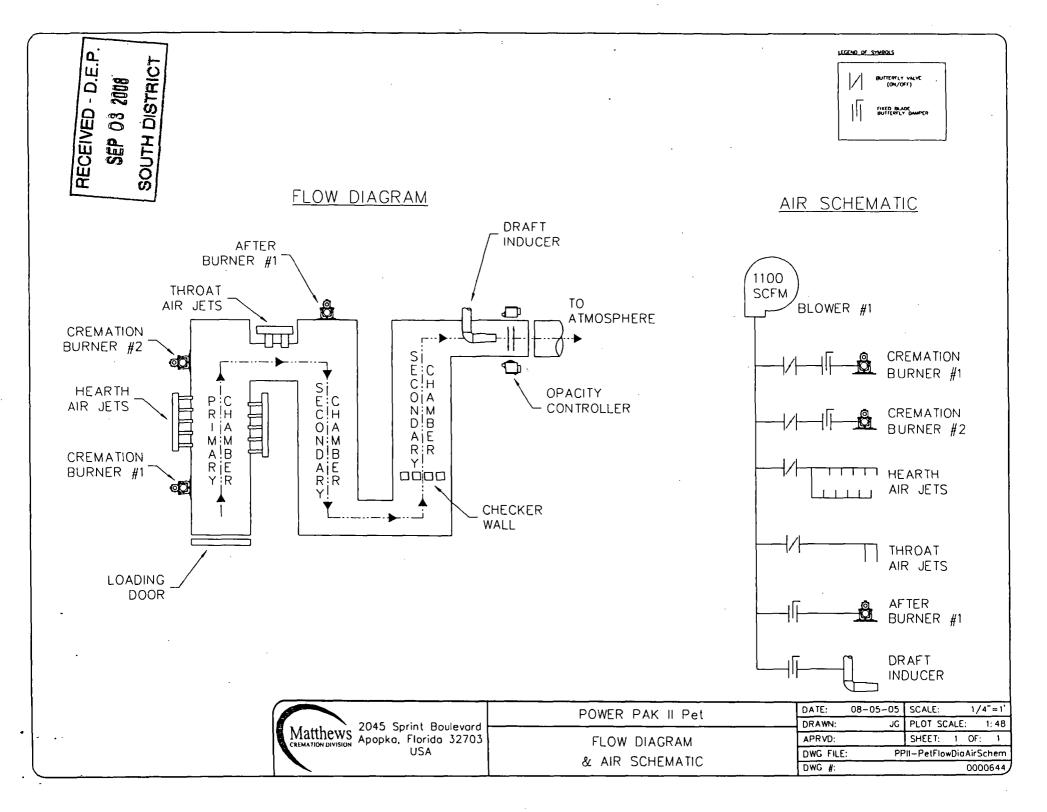
- INDICATE LOCATION AND TYPE OF BUILDING BY THE USE OF SMALL NUMBERED CIRCLES WITH THE DESCRIPTION BELOW.
- 2. SHOW ROADS AS LINES REPRESENTING THE ROAD EDGES. INDICATE STREET NAMES AND HIGHWAY NUMBERS.
- 3. SHOW WOODED OR CLEARED AREA BY APPROXIMATE BOUNDARY LINES AND THE WORDS "WOODS," "CLEARED," "CORNFIELD,"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

STRUCTURE DESCRIPTION

- (1) OFFICE WAREHOUSE
- (2) TOUHOUSE DR
- (3) Preserve
- (4) SIDEWALK
- (5)
- (6)
- (7)
- (8)
- (9)
- (10)

North PRESERVE TRACT "D" (DRAINAGE/CONSERVATION/PRESERVE) 15' OFFSITE BUFFER/PRESERVE DRAINAGE EASEMENT 4'± HIGH RETAINING JONOH TOOL .97.6 5' SIDEWALK 910 806 **906** 904 902 609 783 PHASE PRESERVE BUILDING 9 - OFFICE WAREHOUSE x crema (DNE-STORY, 33,300 SF) .22 919 91 91 91 .14 29 5' SIDEWALK 28.83 Θ. **⊕** | ≅ |಄ LOADING ZONE (TYP.) SPECIAL EMPHASIS— CROSSWALK (10' WIDE) PER F.D.O.T. INDEX 17246 32' (TYP.) PAINTED WHITE ARROW (TYP.) TOLLHOUSE -"DO NOT ENTER" SIGN (R5—1) STOP SIGN (RI-1) DO NOT ENTER DRY DETENTION RECEIVED . SPECIAL EMPHASIS CROSSWALK (10' WIDE) PER F.D.O.T. INDEX 17246 D.E.P RICT





CREMATOR CLEARANCES

RECOMMENDED MINIMUM TOP: (2) 6 INCHES [152 mm] 2 FEET [610 mm] [1.22 m] 4 FEET CABINET SIDE: 4 FEET [1,22 m] OTHER SIDE: 2 FEET (610 mm) 6 INCHES [152 mm] FRONT: [2 74 m] 8 FEET [2.44 m] 9 FEET REAR: 3 FEET [0.91 m] 32 INCHES [812 mm] 6 INCHES [152 mm] STACK: 6 INCHES [152 mm]

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

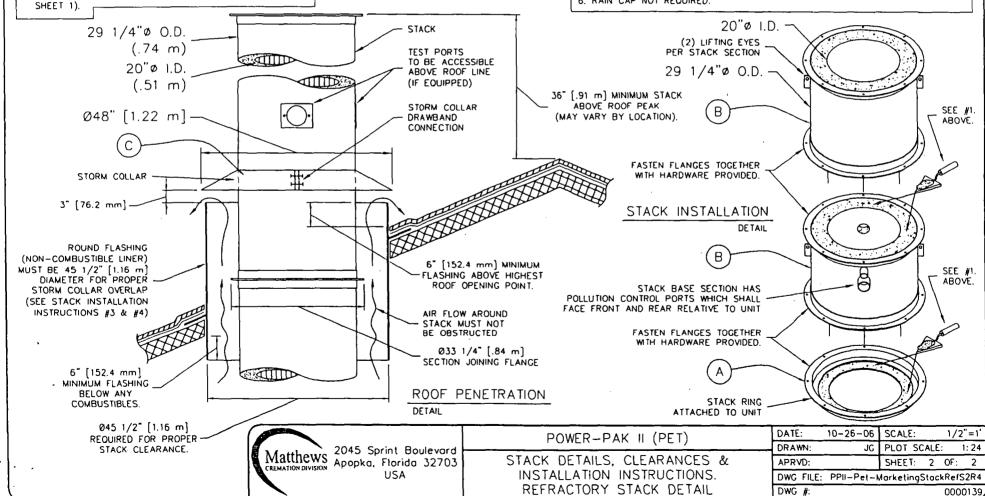
CREMATOR REQUIREMENTS

- 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 4.0 MILLION BTU/HR [2.1 TO 3.1 MILLION KILOJOULES/HR] DEPENDING UPON AMOUNT OF BURNERS.
- ELECTRICAL: 230 VOLT, 30, (40A BREAKER)
 AND 115v (10A BREAKER), <u>OR</u> 230 VOLT, 1
 0, (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

- 1. 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.
- 2. INSTALL STORM COLLAR ON STACK, 3" [72 mm] ABOVE NON-COMBUSTIBLE LINER (FLASHING), ALLOWING FOR PROPER VENTILATION (SEE DETAIL).
- 3. APPLY A 1/4" [6 mm] BEAD OF HIGH-TEMPERATURE SILICON SEALANT (PROVIDED BY MCD) TO THE JOINT BETWEEN THE STORM COLLAR \bigcirc AND THE STACK \bigcirc \bigcirc
- 4. STORM COLLAR IS FURNISHED BY MCD. THE NON-COMBUSTIBLE LINER (FLASHING) TO BE PROVIDED BY THE OTHERS.
- 5. IF FIFTY PERCENT OF THE STACK LENGTH IS ABOVE THE ROOF, GUY WIRES MAY BE REQUIRED. CONSULT WITH YOUR MCD REP.
- 6. RAIN CAP NOT REQUIRED.



SPECIFICATIONS- Power-Pak II Pet

1.	Equipment Type	. IE43-PPII
	B. Underwriters Laboratories Listing and File No	. Listing No. 87E8; File No. MH14647
2.	Dimensions A. Footprint B. Maximum Length C. Maximum Width D. Maximum Height E. Chamber Loading Opening	. 14' - 6½" . 6' -5" . 8' - 4"
3.	Weight	. 24,000 lbs.
4.	Utility/Air Requirements A. Gross Gas Input, Natural or LP Gas Running Gas Pressure, Natural Gas Running Gas Pressure, LP Gas B. Electrical Supply C. Air Supply	. 7 inches w.c. or greater . 11 inches w.c. or greater . 230 volt, 3Ø or 1Ø, 60 hz (other available)
5.	Incineration Capacity A. Type 4 Material	. 200 lbs./hr.
6.	Typical Loading Capacity of Material A. Type 4 Material	. 400 to 750 lbs.
7.	Construction and Safety Standards	Incineration Institute of America, Underwriters Laboratories
8.	Steel Structure Construction A. Frame B. Front/Rear Plates C. Floor Plates D. Outer Side Casing E. Inner Side Casing	3/8" plate 3/16" plate 12 gauge plate
9.	Stack Construction A. Inner Wall B. Outer Wall	<u> </u>
10. [Oraft Nozzle Construction	Schedule 40 type 316 s.s. pipe
11.	Main Chamber Door Construction A. Steel Shell B. Outer Refractory C. Inner Refractory	1" insulating block
12.	Primary Chamber Wall Construction A. Outer Casing Wall	12 gauge plate

SPECIFICATIONS- Power-Pak II Pet

	B. Inner Frame/Air Compartment C. Inner Casing Wall D. Outer Refractory Wall E. Inner Refractory Wall	12 gauge plate 5" insulating block
13.	Secondary Chamber Wall Construction A. Outer Casing Wall B. Inner Frame/Air Compartment C. Inner Casing Wall D. Outer Refractory Wall E. Inner Refractory Wall	2" air compartment 12 gauge plate 6" insulating block
14.	Refractory Temperature Ratings A. Standard Firebrick B. Insulating Firebrick C. Castable Refractory (Hearth) D. Castable Refractory E. Insulating Block F. Bonding Mortar	2,600° F. 2,800° F. 2,550° F. 1,900° F.
15.	Chamber Volumes (not including external flues, stacks or chimneys) A. Primary Chamber	
16.	Emission Control Features A. Secondary Chamber with Afterburner B. Opacity Monitor and Controller with Visual and Audible Alarms C. Auxiliary Air Control System D. Microprocessor Temperature Control System	Included Included
17.	Operating Temperatures A. Primary Chamber B. Secondary Chamber	
18.	Secondary Chamber Retention Time A. Type 4 Material	. > 1 second
19.	Ash Removal	. Door functions as a heat shield. Sweep out beneath front door into a hopper that fills a collection pan.
20.	Safety Interlocks A. High Gas Pressure. B. Low Gas Pressure C. Blower Air Pressure D. Door Position E. Opacity F. Motor Starter Function G. Chamber Temperature H. Motor Overload	. Optional . Optional . Included . Included . Included . Included . Included

SPECIFICATIONS- Power-Pak II Pet

	I. Flame Quality	
22.	Burner Description	. The nozzle mix burners used on this cremation equipment are industrial quality and designed for incinerator use.
23.		. 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.
24.	Operating Panel Indicating Lights A. Safe Run	. Included
25.	Automatic Timer Functions A. Master Cycle	Included
26.	Exterior Finish A. Primer B. Finish	
27.	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.
28.	Environmental Submittals	Complete technical portion of state environmental permits. Engineering calculations,

CREMATOR MASS BALANCE

Matthews International Cremation Division Industrial Equipment & Engineering Co. Model IE43-PPII (Power-Pak II) Crematory Incinerator, Fired on Natural Gas Pet Unit

2-Jan-08

THESE CALCULATIONS HAVE BEEN PREPARED TO EVALUATE THE COMBUSTION PROCESS IN THE POWER-PAKII CREMATORY INCINERATOR

Firing Rate

200 lb/hr = 100 % of

200 lbs/hr Rated Capacity)

Excess Air

100 %

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)	1.0	199.0

SPECIFICATIONS		
PRIMARY CREMATION BURNER FUEL CONSUMPTION	0.7	(MMBTU/HR)
SECONDARY CREMATION BURNER FUEL CONSUMPTION	1.0	(MMBTU/HR)
PRIMARY CHAMBER VOLUME (CU.FT)	64	
HEARTH AREA (SQ.FT)	26.4	
SECONDARY BURNER FUEL CONSUMPTION (MMBTU/HR)	1.0	
ADDITIONAL COMBUSTION AIR SUPPLIED		
THROAT AIR (SCFM)	75	
HEARTH AIR (SCFM)	50	
SEC. CHAMBER OPERATING TEMPERATURE (°F)	1800	
SECONDARY CHAMBER VOLUME (CU. FT)	74	
SEC. CHAMB. CROSS-SECTIONAL AREA (SQ. FT)	2.7	
FLAME PORT AREA (SQ. FT)	2.8	
MIXING BAFFLES AREA (SQ. FT)	1.4	

1. TOTAL FLUE PRODUCTS

A. PRIMARY BURNER NATURAL GAS USAGE

1700000 BTU/HR 0.045 LBS/CF 77 LBS/HR 1000 BTU/CF

B. COMBUSTION AIR FOR PRIMARY BURNERS

(100 % Excess Air)

2 x 0.075 LB/CF AIR 1700000 BTU/HR = 2550 LBS/HR 100 BTU/SCF AIR = 566.7 SCFM

C. SECONDARY BURNER NATURAL GAS USAGE

1000000 BTU/HR 0.045 LBS/CF 45 LBS/HOUR 1000 BTU/CF

D. COMBUSTION AIR FOR SECONDARY BURNER (100 % Excess Air) 2 x 0.075 LB/CF AIR 1000000 BTU/HR x = 1500 LBS/HOUR 100 BTU/SCF AIR = 333.3 SCFM E. PRODUCTS FROM TYPE 0 WASTE (CONTAINER) 0.95 LBS/LB BURNED x 1 LB/HR BURN RATE = 1 LBS/HOUR F. PRODUCTS FROM TYPE 4 WASTE (TISSUE) 0.95 LBS/LB WASTE x 199 LB/HR BURN RATE = 189 LBS/HOUR G. ADDITIONAL COMBUSTION AIR (THROAT & HEARTH AIR) 4500 SCF/HR 0.075 LB/CF AIR = 337.5 LBS/HOUR X 3000 SCF/HR 0.075 LB/CF AIR 225 LBS/HOUR Х 281 LBS/HR/CREMA1 = 4643 LBS/HOUR H. TOTAL FLUE PRODUCTS 2. VELOCITY AND TIME CALCULATIONS A. SCFM CALCULATION (PRODUCTS ASSUMED TO HAVE DENSITY CLOSE TO AIR) 4643 LBS/HR 13.35 STD. CU. FT/LB = 1033 SCFM Х 60 MIN/HR B. TOTAL PRODUCTS ACFM @ 1800 °F 2260 °RANKINE x 1033 CFM = 4405 ACFM 530 °RANKINE C. RETENTION TIME 74 CU. FT 60 SECONDS = 1.01 SECONDS 4405 ACFM 1 MINUTE D. VELOCITY IN FLAME PORT x 1 MINUTE 60 SECONDS 4405 ACFM = 26.2 FEET/SECOND 2.8 SQ. FT E. VELOCITY AT MIXING BAFFLES 4405 ACFM 1 MINUTE = 52.4 FEET/SECOND 1.4 SQ. FT 60 SECONDS F. VELOCITY IN SECONDARY CHAMBER 4405 ACFM 1 MINUTE = 27.2 FEET/SECOND Х 2.7 SQ. FT 60 SECONDS



Air Emissions Testing IE43-PPII, Power-Pak II Cremator

Reflections Pet Funeral Home Pinellas Park, Florida

May 7, 2002

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-PPII, Power-Pak II cremator (serial number 0691201) on May 7, 2002. The unit is located at Reflections Pet Funeral Home in Pinellas Park, Florida (permit number 1030136-004-AC). Testing was conducted for the particulates, carbon monoxide, and visible emissions. Oxygen (O_2) concentrations were measured in order to correct results to $7\% O_2$.

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 for runs 2, 3, and 4 are summarized in Table 1.

The average measured particulate emission concentration was 0.022 grains per dry standard cubic foot (corrected to $7\% O_2$).

The average measured carbon monoxide emission concentration was 2.5 parts per million by volume (corrected to $7\% O_2$).

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

The data for the first run, run 1, were not valid because of a problem with the pitot tube used in the sampling train. The field data sheets for run 1 are included in the appendix. The data were not analyzed.

EMISSIONS TEST SUMMARY

Company: REFLECTION PET FUNERAL HOME

Source: IEE POWER-PAK II ANIMAL CREMATORY

	Run 2	Run 3	Run 4
Date of Run	5/7/02	5/7/02	5/7/02
Start Time (24-hr. clock)	1456	1628	1916
End Time (24-hr. clock)	1554	1742	2028
Vol. Dry Gas Sampled Meter Cond. (DCF)	31.172	47.554	50.327
Gas Meter Calibration Factor	1.000	1.000	1.000
Barometric Pressure at Barom. (in. Hg.)	30.15	30.09	30.08
Elev. Diff. Manom. to Barom. (ft.)	0	0	0
Vol. Gas Sampled Std. Cond. (DSCF)	30.172	45.527	48.276
Vol. Liquid Collected Std. Cond. (SCF)	2.801	5.587	6.177
Moisture in Stack Gas (% Vol.)	8.5	10.9	11.3
Molecular Weight Dry Stack Gas	29.62	29.36	29.40
Molecular Weight Wet Stack Gas	28.63	28.11	28.11
Stack Gas Static Press. (in. H2O gauge)	-0.02	-0.01	-0.01
Stack Gas Static Press. (in. Hg. abs.)	30.15	30.09	30.08
Average Square Root Velocity Head	0.167	0.196	0.199
Average Orifice Differential (in. H2O)	0.814	1.213	1.290
Average Gas Meter Temperature (Deg. F)	90.8	96.3	95.1
Average Stack Gas Temperature (Deg. F)	1393.5	1291.1	1207.3
Pitot Tube Coefficient	0.84	0.84	0.84
Stack Gas Vel. Stack Cond. (ft./sec.)	17.56	20.27	20.05
Effective Stack Area (sq. ft.)	2.18	2.18	2.18
Stack Gas Flow Rate Std. Cond. (DSCFM)	604	717	741
Stack Gas Flow Rate Stack Cond. (ACFM)	2,298	2,654	2,625
Net Time of Run (min.)	60.0	72.0	72.0
Nozzle Diameter (in.)	0.601	0.601	0.601
Percent Isokinetic	92.3	97.7	100.3
Oxygen (%)	8.4	10.7	10.0
Particulate Collected (mg.)	31.0	56.6	56.5
Particulate Emissions (lb./hr.)	0.082	0.118	0.115
Particulate Emissions (gr./DSCF)	0.016	0.019	0.018
Particulate Emissions (gr./DSCF @ 7% 02)	0.018	0.026	0.023
Avg. Particulate Emissions (gr./DSCF @ 7)	C	0.022	
Allowable Part. Emissions (gr./DSCF @ 7%)		0.08	
CO Emissions (ppm)	4.1	1.0	1.2
CO Emissions (ppm @ 7% O2)	4.6	1.4	1.6
Avg. CO Emissions (ppm @ 7% 02)		2.5	
Allowable CO Emissions (ppm @ 7% O2)		100	

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





H Mailing Label Label 11-B, March 2004 **EXPRESS** Post Office To Addressee UNITED STATES POSTAL SERVICE® DELIVERY (POSTAL USE ONLY) ARE MAKING 3 COPIES **Delivery Date** Employee Signature ∌lope. ☐ AM CUSTOMER USE ONL COD Fee Insurance Fee WAIVER OF SIGNATURE (Domestic Mail Only)
Additional merchandise Insurance is void if
customer requests walver of signature.
I wish delivery to be made without obtaining signature
of addressee or addressee's agent (if delivery employee
judges that article can be left in secure location) and I
authorize that delivery employee's signature constitute
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Florida Department of Environmental Protection Cash Receiving Application (CRA) Cashlisting by Deposit #: 291139 thru 291139

Printed: 9/12/2008 9:53:55 AM - Page 12

Cashlisting:

70864

Cashlist Area:

3755

Description: DIV OF AIR RESOURCES MGMT.

Deposit No:

291139

Date Deposited: 09/11/2008

Contact: E. WALKER

9	<u>Object</u>	Transmittal Dep DDN	Receipt Number	Pre- Numbered <u>Receipt</u>	Name	Check Number	Payment Amount	Reference Account	Payment Number	Remittance Number	<u>Fond</u>	<u>Grant</u>
(002272	50423 1 485667	636666		SUSAN FRIEND	112	\$100.00	02/0114-001 Na)	899585	795646	PFTF	y*
		50442	636775		RINKER MATERIALS	21738206	\$100.00	174441 9 19 2008 - AC	899386	795761	PFTF	
		50442	63677 5		RINKER MATERIALS	21738206	\$100.00	174442	899387	795761	PFTF	
		50442	636 775		RINKER MATERIALS	21738206	\$100,00	174443	899388	795761	PFTF	
		50442	636775		RINKER MATERIALS	21738206	\$100.00	174444	899389	795761	PFTF	
		50442	63 6775		RINKER MATERIALS	21738206	\$100.00	174445	899390	795761	PFTF	
		50442	636775		RINKER MATERIALS	21738206	\$100.00	174446	899391	795761	PFTF	•
		50442	6367 75		RINKER MATERIALS	21738206	\$100.00	174447	899392	795761	PFTF	
		50442	63 6775		RINKER MATERIALS	21738206	\$100.00	174448	899393	795761	PFTF	
	•	50442	63 677 <i>5</i>		RINKER MATERIALS	21738206	\$100.00	174449	899394	795761	PFTF	
		50442	63 6775		RINKER MATERIALS	21738206	\$100.00	174450	899395	795761	PFTF	
		50442	636775		RINKER MATERIALS	21738206	\$100.00	174451	899396	795761	PFTF	•
	-	50442	636775		RINKER MATERIALS	21738206	\$100.00	174452	899397	795761	PFTF	
		50442	636 775		RINKER MATERIALS	21738206	\$100.00	174453	899398	795761	PFTF	
		50442	636775		RINKER MATERIALS	21738206	\$100.00	174454	899399	795761	PFTF	
		50442	63 6775		RINKER MATERIALS	21738206	\$100.00	174455	899400	795761	PFTF	
		50442	636775		RINKER MATERIALS	21738206	\$100.00	174456	899401	795761	PFTF	
		50442	636775		RINKER MATERIALS	21738206	\$100.00	174457	899402	795761	PFTF	•
		50442	636775		RINKER MATERIALS	21738206	\$100.00	174458	899403	795761	PFTF	
		50442	636775		RINKER MATERIALS	21738206	\$100.00	174459	899404	795761	PFTF	
		50442	636775		RINKER MATERIALS	21738206	\$100.00	174460	899405	795761	PFTF	
		50442	6367 75	٠	RINKER MATERIALS	21738206	\$100.00	174461	899406	795761	PFTF	
		50442	636775		RINKER MATERIALS	21738206	\$100.00	174462	899407	795761	PFTF	
		50442	63 6775		RINKER MATERIALS	21738206	\$100.00	174463	899408	795761	PFTF	

Florida Department of Environmental Protection Cash Receiving Application (CRA)