



ANIMAL CREMATORY



COMPLIANCE INSPECTION CHECKLIST

INSPECTION TYPE: ANNUAL (INS1, INS2) COMPLAINT/DISCOVERY (CI)
 RE-INSPECTION (FUI) ARMS COMPLAINT NO: _____

AIRS ID#: 0810234	DATE: <u>11-10-11</u>	ARRIVE: <u>2:00PM</u>	DEPART: <u>3:30PM</u>
FACILITY NAME: SARASOTA PET CREMATORY			
FACILITY LOCATION: UNIT L 1410 COMMERCE BLVD SARASOTA 34243-5029			
OWNER/AUTHORIZED REPRESENTATIVE: SCOTT MYERS		PHONE: (941)355-6000	
Email:		Mobile: (941)737-7904	
CONTACT NAME: SCOTT MYERS		PHONE: (941)355-6000	
Email:		Mobile: (941)737-7904	
ENTITLEMENT PERIOD: 9/30/2011 / 9/30/2016 (effective date) (end date)			

Facility Section

PART I: INSPECTION COMPLIANCE STATUS (check only one box)

IN COMPLIANCE MINOR Non-COMPLIANCE SIGNIFICANT Non-COMPLIANCE

PART II: ONSITE INTRODUCTORY MEETING (check only one box for each question)

1. Name(s) of facility representative(s): Scott Myers
 Brief Notes: Owner/Operator

2. Is the Authorized Representative still SCOTT MYERS? ----- Yes ..No
 If no, who is?: _____

 If different, did the facility provide an administrative update within 30 days? ----- Yes ..No

3. Is the facility contact still SCOTT MYERS? ----- Yes ..No
 If no, who is?: _____

4. Will facility be conducting VE test(s) during today's inspection? ----- Yes ..No
 If yes, was the compliance authority notified at least 15 days in advance? ----- Yes ..No

Emissions Unit Section

1-Animal Crematory-prm/2ndarychmbrs.NG,tempM&R,opacM,75lbs/hr

PART I: FILE REVIEW PRIOR TO INSPECTION

(check only one
box for each question)

1. a. Complete AC application or, if no AC permit, initial GP registration received on or after August 30, 1989? ----- Yes ..No
- b. If yes, were design calculations provided then 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 Fahrenheit? ----- Yes ..No
2. Manufacturer's recommended capacity: 300 lbs for batch unit lbs/hr for ram-charged unit.
3. Crematory unit installed after February 1, 2007? ----- Yes ..No
4. Date of last inspection: N-A
5. Past Visible Emissions (VE) tests:
- a. Was a VE test performed within each of the past 4 calendar years? ----- Yes ..No
- b. Has a VE test been performed yet within the current calendar year? ----- Yes ..No
- c. If first year of operation, was a VE test performed within 30 days of commencing operation? ----- N/A Yes ..No
- d. Date of last VE test: 11-10-11
- e. Was the VE test report filed with the compliance authority no later than 45 days after the test? ----- Yes ..No
- f. Did the facility demonstrate compliance during the last VE test? ----- Yes ..No
- If no, what was the problem (if known)? _____

PART II: VISIBLE EMISSIONS TESTING

(check only one
box for each question)

1. Was a visible emissions test conducted by the facility for this unit during this site visit? ----- Yes ..No
- a. Operating capacity during test? 300 lbs for batch unit lbs/hr for ram-charged unit
- b. Was the operating capacity greater than the manufacturer's recommended capacity? ----- Yes ..No
- c. Was the test conducted with the unit operating at a capacity that is representative of normal operations? ----- Yes ..No
- d. Was the visible emissions test conducted according to EPA Method 9? ----- Yes ..No
- e. The visible emission test resulted in an opacity of 0.00 % for the highest six minute average.
- f. Did the visible emission test demonstrate compliance with the limit? ----- Yes ..No
- (5% opacity, six-minute average, except that visible emissions not exceeding 15% opacity shall be allowed for up to six minutes in any one-hour)
2. Was a visible emissions test conducted by the inspector during this site visit? ----- Yes ..No
- a. Operating capacity during test? _____ lbs for batch unit lbs/hr for ram-charged unit
- b. Was the operating capacity greater than the manufacturer's recommended capacity? ----- Yes ..No
- c. Was the test conducted with the unit operating at a capacity that is representative of normal operations? ----- Yes ..No
- d. Was the visible emissions test conducted according to EPA Method 9? ----- Yes ..No
- e. The visible emission test resulted in an opacity of _____ % for the highest six minute average.
- f. Did the visible emission test demonstrate compliance with the limit? ----- Yes ..No
- (5% opacity, six-minute average, except that visible emissions not exceeding 15% opacity shall be allowed for up to six minutes in any one-hour)
3. Is there any reason to ask for a special test to determine compliance with the PM and CO standards? ----- Yes ..No
- If yes, what reason? _____

PART III: MONITORING/RECORDKEEPING REQUIREMENTS

(check only one box for each question)

1. Were there any objectionable odors detected? ----- Yes ..No
 An upwind/downwind survey of the facility was conducted. The observed parameters were:
 Wind direction - _____ Downwind odor level detected- _____ Upwind odor level detected- _____ Scale: 1-10 (worst)
2. Continuous Monitoring Systems -
- a. Is a continuous temperature monitoring system installed on each unit to record temperatures in the secondary chamber in accordance with the manufacturer's instructions? ----- Yes ..No
- b. Is the temperature probe properly placed, at least at the distance where the 1.0 second gas residence time at 1,800¹ 1,600² degrees was determined? ----- Yes ..No
 (Application or initial notification: ¹ received on or after 8/30/89; ² received before 8/30/89)
- c. Are the following records kept on file, available for inspection, for at least the past two years?
- (1) All temperature measurements ----- Yes ..No
- (2) All continuous monitoring systems, monitoring devices, and performance testing measurements; monitoring system all continuous performance evaluations ----- Yes ..No
- (3) All CEMS or monitoring device calibration checks (last performed on 11-9-11) ----- Yes ..No
- (4) Adjustments ----- Yes ..No
- (5) Preventive maintenance performed on systems/devices ----- Yes ..No
- (6) Corrective maintenance performed on systems/devices ----- Yes ..No
- d. Are the temperature charts properly documented with operator name, operator indication of when cremation in the primary chamber was begun, date, time, and temperature markings ----- Yes ..No
- e. Was the crematory unit installed after 2/1/07? If no, skip e.(1) - (3) ----- Yes ..No
- (1) Is the crematory unit equipped and operated with a pollutant monitoring system to automatically control combustion based on continuous in-stack opacity measurement? ----- Yes ..No
- (2) Is the system calibrated to restrict combustion in the primary chamber whenever any opacity exceeds 15% opacity? ----- Yes ..No
- (3) Has the opacity measurement system been cleaned and checked for proper operation in accordance with the manufacturer's recommended maintenance schedule? ----- Yes ..No

(check only one box for each question)

PART IV: SECONDARY COMBUSTION ZONE TEMPERATURES

1. If the application to construct was **BEFORE** August 30, 1989 is the:
- a. actual operating temperature of the secondary chamber combustion zone no less than 1400°F throughout the combustion process in the primary chamber? ----- Yes ..No
- b. secondary chamber combustion zone temperature equal to or greater than 1400°F before the cremation process begins in the primary chamber? ----- Yes ..No
2. If the application to construct **ON** or **AFTER** August 30, 1989 is the:
- a. the actual operating temperature of the secondary chamber combustion zone no less than 1600°F throughout the combustion process in the primary chamber? ----- Yes ..No
- b. secondary chamber combustion zone temperature equal to or greater than 1600°F before the cremation process begins in the primary chamber? ----- Yes ..No

(check only one box for each question)

PART V: ALLOWED MATERIALS

1. Besides animal remains and, if applicable, the bedding associated with the animals and appropriate containers, are any other materials, including biomedical wastes, incinerated in the unit? ----- Yes ..No
 If yes, what other materials? _____
2. Do containers contain no more than 0.5 percent by weight chlorinated plastics as certified by the manufacturer? ----- Yes ..No
 If yes, is the certifying documentation from the manufacturer kept on file for at least 2 years from use? Yes ..No

PART VI: EQUIPMENT MAINTENANCE

(check only one box for each question)

- 1. Is the crematory unit maintained in accordance with the manufacturer's specifications? ----- Yes ..No
- 2. Is there a written plan onsite which addresses the operating procedures during startup, shutdown and malfunction? ----- Yes ..No
- 3. Does the crematory allow for a visible check on the flame characteristics? ----- Yes ..No
 - If no, skip a. - b.
 - a. Was the flame characteristic visually checked at least once during each operating shift? ----- Yes ..No
 - b. Was the flame adjusted when necessary? ----- Yes ..No

PART VII: EU INSPECTION COMPLIANCE STATUS (check only one box)

- IN COMPLIANCE
- MINOR Non-COMPLIANCE
- SIGNIFICANT Non-COMPLIANCE

Facility Section (continued)

SPECIAL CONDITIONS AND PROCEDURES

(check only one box for each question)

Administrative Changes:

- 1. Were there any changes in the name, address, or phone number of the facility or authorized representative not associated with a change in ownership or with a physical relocation of the facility or any emissions units or operations comprising the facility; or any other similar minor administrative change at the facility? ---- Yes ..No
- 2. If yes, did the facility provide written notification within 30 days of the change? ----- Yes ..No

New or Modified Process Equipment or Change in Ownership:

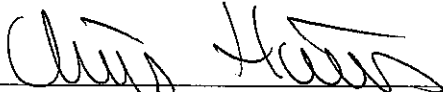
- 3. Since the last registration form submittal has there been ----- Yes ..No
 - a. Installation of any new process equipment? ----- Yes ..No
 - b. Alterations to existing process equipment without replacement? ----- Yes ..No
 - c. Replacement of existing equipment with equipment that is substantially different? ----- Yes ..No
 - d. A change in ownership? ----- Yes ..No
- If the any answer to 3a. - d. is Yes , was a new registration form and the appropriate fee submitted 30 days prior to the change? ----- Yes ..No

Chris Haines

11-10-11

Inspector's Name (Please Print)

Date of Inspection



11-10-14

Inspector's Signature

Approximate Date of Next Inspection

COMMENTS: I (Chris Haines) inspected the facility during the their initial VE test in order to provide compliance assistance where necessary. This cremation was the first cremation that was the second cremation that had been performed by this machine, and the first that was not for calibration purposes. Before the test had started I met with Mr. Scott Meyers to go over his permit conditions. The temperature charts were filled out correctly for the most part; I advised him to mark the appropriate time that the primary chamber was activated instead of the start time for the machine. I asked what kind of bags he would be cremating animals in. He showed me the bags, but did not have an MSDS sheet available. He said he would call the manufacturer and get the correct sheets. Since this was his first cremation that wasn't a test, I asked to see his maintenance log. He informed me that there wasn't a "log" but rather manufacturer's instructions. I went over the instructions with him and advised him that a weekly/monthly/yearly log needs to be printed out based on these instructions and signed by the operator when completed. I checked over the machine with

Mr. Meyers; the cremation unit had two ports that allowed for flame checks and the machine looked to be in very good working order. Mr. Meyers was knowledgeable on how the machine's software worked. I told Mr. Meyers that I would check back with him to see about the MSDS sheets, maintenance logs, and chart recorders in a month or so to make sure that he is doing everything correctly. I concluded my meeting with Mr. Meyers at approximately 2:30 PM and audited the VE test with Mr Matt Welborn until 3:30PM.

I re-visited the facility on 12-06-11 at approximately 10:00 AM to confirm that Mr. Meyers was meeting all of the compliance requirements before business had really started. During my visit, he showed me where he keeps the compliance-related documents and how he will be keeping track. He set up a calendar book in which he writes maintenance in black ink and repairs in red ink. He also showed me that he had the MSDS sheets for the plastic bags on hand; they did not contain more than 5 ppm chlorinated plastics. I concluded my meeting with Mr. Meyer at approximately 11:00 AM.

