



ANIMAL CREMATORY

COMPLIANCE INSPECTION CHECKLIST



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

AIRS ID#: 1030018 **DATE:** 9-27-11 **ARRIVE:** 2:00PM **DEPART:** 3:00PM

FACILITY NAME: PINELLAS COUNTY ANIMAL SERVICES

FACILITY LOCATION: 12450 ULMERTON ROAD
LARGO 33774-2700

OWNER/AUTHORIZED REPRESENTATIVE: DEWAYNE TAYLOR **PHONE:** (727)582-2600
Email: dgtaylor@pinellascounty.org **Mobile:**
CONTACT NAME: Mr. Ross (Rusty) Walker **PHONE:** 7275822592
Email: rwalker@co.pinellas.fl.us **Mobile:**

ENTITLEMENT PERIOD: 3/2/2007 / 3/2/2012
(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): Mr. Ross (Rusty) Walker
 Brief Notes: Animal Services Program Coordinator

2. Is the Authorized Representative still DEWAYNE TAYLOR? ----- 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 ? ----- Yes ..No
 If no, who is?: Mr. Ross (Rusty) Walker

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
3-400 LB/HR IE&E Model CB 1600 animal crematory unit

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: 1600 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: 1/24/07

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: 1/24/10

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? _____ 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)

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 _____) ----- 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:

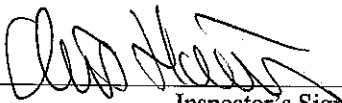
- 3. Since the last registration form submittal has there been ----- Yes ..No
 - a. Installation of any new process equipment? ----- Yes ..No
 - b. Alterations to existing process equipment without replacement? ----- Yes ..No
 - c. Replacement of existing equipment with equipment that is substantially 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

9-27-11

Inspector's Name (Please Print)

Date of Inspection



9-27-14

Inspector's Signature

Approximate Date of Next Inspection

COMMENTS: I (Chris Haines) arrived at the facility for an unannounced inspection to determine compliance status. Upon arrival I met with Mr. Ross (Rusty) Walker. I stated my reason for the inspection and asked to see his temperature charts, maintenance records, any service records, and his MSDS sheets for any plastic bags burned along with the animals. We went over his maintenance and service records, he informed me that the unit was refurbished by the manufacturer not too long ago in 2010 and had not yet been needed any sort of calibration by the manufacturer. We then went to physically inspect the unit. Mr. Walker pointed out that there was new lights installed at the facility that alarmed staff whenever a flame-out might have occurred and complimented their effectiveness. The unit looked very well taken care of and allowed for checks on flame characteristics in sever locations. I then asked to see the MSDS sheets for any bags burned. At the time we were unable to find them. I gave Mr. Walker my contact information and asked him to email them to me. I concluded my inspection at approximately 3:00PM. As of (9-28-11) I have received the MSDS sheets and I reminded Mr. Walker that the permit needs to be renewed soon. See the attached email and MSDS Sheets for details.

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

Product Code: 19501
Product name: BLACK PE MB
Chemical characterisation: Color & additive concentrates and compounds

Supplier:
 Ampacet Corporation
 660 White Plains Road
 Tarrytown, NY 10591

Emergency telephone number:
 Day - 914-631-8600
 Night - 337-463-6001
 Contact: Day - Safety Dept.
 Contact: Night - Laboratory

2. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

Components	Weight %	CAS-No	ACGIH:	OSHA:
CARBON BLACK (PBK7)	40 - 60	1333-88-4	= 3.5 mg/m ³ TWA	= 3.5 mg/m ³ TWA

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

- Low hazard for usual industrial or commercial handling.

Principle routes of exposure: Low risk of entry in present form.

Skin contact: Low hazard for usual industrial or commercial handling.
Eye contact: Low hazard for usual industrial or commercial handling.
Inhalation: Low hazard for usual industrial or commercial handling.
Ingestion: Ingestion is not expected to occur. If swallowed, may physically irritate digestive system.

4. FIRST AID MEASURES

Inhalation: No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dust or fumes, remove to fresh air. Get medical attention if cough or other symptoms develop.

Skin contact: For hot product, immediately immerse in, or flush the affected area with large amounts of cold water. Cover with clean cotton sheeting or gauze and get prompt medical attention. Do not remove material from skin as the damaged flesh can be easily torn.

Ingestion: Not likely to be ingested in present form.

Eye contact: Not likely to be an eye hazard in present form.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Use dry chemical, foam, carbon dioxide or water spray

Flash point (°F): >600°

Flash point (°C): >300°

NFPA: Health: 1 Flammability: 1 Instability: 0

HMS: Health: 1 Flammability: 1 Reactivity: 0

Hazardous Combustion Products: None.

Key:

See also section 3

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES

Stop source of spill. Sweep up for immediate collection and disposal. If material enters a sewer or waterway, notify responsible authorities of presence of non-toxic plastic pellets.

7. HANDLING AND STORAGE

Handling: Use with adequate ventilation. Minimize dust generation.

SHELF LIFE: 24 Months

Storage: Store at ambient temperature and keep dry.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:

If process generates dust, fumes or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protective Equipment

Respiratory protection: If dust, smoke or fumes are generated in processing or handling, wear appropriate approved respiratory protection to keep concentration below the permissible exposure limit

Skin and body protection: Low hazard for usual industrial or commercial handling.

Eye protection: Wear eye/face protection appropriate for the specific hazard

Work/Hygiene Practices: Wash before eating, drinking or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Solid
Color:	BLACK PE MB
Odor:	No Odor
Melting Point: (°F)	>205
Melting Point: (°C)	>96
Specific gravity:	1.26
Solubility:	Insoluble

Product Code 19501

Product name: BLACK PE MB

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10. STABILITY AND REACTIVITY

Hazardous decomposition products:

None

Conditions to avoid:

Do not store near heat, flame nor strong oxidants. Minimize dust generation and accumulation.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Local effects

Skin irritation:	Not toxic.
Eye irritation:	Not toxic.
Inhalation	No data available
Ingestion	No data available
Sensitization:	No data available
Chronic toxicity:	No data available

Specific effects

Carcinogenic effects:	Possible risk of irreversible effects. Carbon black is classified by IARC: Group 2B possible human carcinogen. When encapsulated in a plastic matrix, risk of exposure is reduced.
Mutagenic effects:	Not considered to be mutagenic.
Reproductive toxicity:	Not believed to be a reproductive hazard.
Target organ effects:	None

12. ECOLOGICAL INFORMATION

Environmental Data	Not expected to be hazardous to the environment in present form.
Ecotoxicological Information	May be harmful to wildlife if ingested.
Ecological Comments	Keep out of waterways.

13. DISPOSAL CONSIDERATIONS

PRODUCT DISPOSAL:	Sweep up spilled material and place in suitable container for recycle or disposal. Dispose of recovered material according to current regulations.
GENERAL COMMENTS:	It is recommended that all waste be analyzed for compliance to applicable laws and regulations governing proper waste disposal methods and reporting requirements.

14. TRANSPORT INFORMATION

UN/d No: No information available

DOT:

Not regulated for transport

TDG (Canada):

Not regulated for transport

IMDG/IMO:

Not regulated for transport

ADR/RID:

Not regulated for transport

ICAO:

Not regulated for transport

15. REGULATORY INFORMATION

International Inventories

U.S. E.P.A. TSCA:
Canada DSL & NDSL

All components in this product appear on the E.P.A. TSCA inventory.
All components in this product appear on the DSL or NDSL.

U.S. Regulations

The following information pertains to the product:

Components	CERCLA/SARA 302 TPQ:	CERCLA/SARA 312:	CERCLA/SARA 313:
CARBON BLACK (PBK7) 1333-86-4 (40 - 80)		0.1 Deminimus	
ZINC STEARATE 557-05-1 (0 - 1)		1.0 Deminimus	= 1.0 percent de minimis concentration (Chemical Category N982) = 1.0 percent de minimis concentration (only fume or dust)

The following information pertains to the components:

Components	MARTK:	NJRTK:	PARTK:
CARBON BLACK (PBK7) 1333-86-4	(present) Exempt when encapsulated or if particulates are not present and cannot be substantially generated through use of the product.	sn 0342	(present)
ZINC STEARATE 557-05-1	(present)	sn 2021 (dust and fume)	environmental hazard environmental hazard (any compound of this substance is also an environmental hazard)

CARBON BLACK (PBK7) - 1333-86-4

California Proposition 65 - carcinogen; initial date 2/21/03

Canada

Product Code 19501

Product name: BLACK PE MB

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Components	Canada - WHMIS: Classifications of Substances	Canada - Ingredient Disclosure
CARBON BLACK (PBK7) 1333-86-4 (40 - 50)		1%; English Item 308; French Item 1271
ZINC STEARATE 597-05-1 (0 - 1)	B4; D2B D2B	1%; English Item 1725; French Item 1504

16. OTHER INFORMATION

Prepared by: Health & Safety

Information contained in this MSDS is provided by the suppliers of our raw materials. While Ampacet believes information contained herein is accurate, Ampacet Corporation makes no warranty, express or implied, with respect to this information and expressly disclaims all liability for reliance thereon. This data is offered for your consideration, investigation and verification.

Material Safety Data Sheet for SCC CODE : 5890

Section 1. Chemical Product and Company Identification

Print Date: 01-23-2008

H 1 F 1 R 0 Description: BIO-RED

Revision Date 07-02-2007

SCC CODE: 5890

VENDOR CODE: NONE

Manufacturer's Name: Standridge Color Corp.

Address: 1196 East Hightower Trail, Social Circle, Georgia 30025

Emergency Phone: 770-464-3362 Information Phone: 770-464-3362

Section 2. Composition, Information on Hazardous Ingredients

Chemical Common Name	Cas Number	OSHA PEL	ACGIH TLV	OTHER	PERCENT	mm Hg @ TEMP	NTP	IARC	OSHA	PROP65	TSCA 311
TITANIUM DIOXIDE (PIGMENT WHITE 6)	13463-67-7	15MG/M3 TWA	10MG/M3 TWA	TWA 10MG/M3	P/PRIETARY		N	Y	N	N	Y N
IRON OXIDE (Fe2O3)	1309-37-1	10MG/M3FU ME	5MG/M3TW A-RESPIR		P/PRIETARY		N	N	N	N	Y N

Components on TSCA list.

* indicates dust and mist.

Section 3. Hazards Identification

INHALATION SIGNS AND SYMPTOMS OF EXPOSURE

Prolonged exposure to iron oxide fumes may cause X-ray changes of the lungs; however, it does not result in illness. Changes are due to a benign lung condition called siderosis or iron pigmentation.

SKIN AND EYE CONTACT SIGNS AND SYMPTOMS OF EXPOSURE

Not likely to occur, but some irritation may be present.

SKIN ABSORPTION SIGNS AND SYMPTOMS OF EXPOSURE

Absorption not likely to occur.

INGESTION SIGNS AND SYMPTOMS OF EXPOSURE

None known.

CARCINOGENICITY

None believed to be present in De Minimis quantities.

HEALTH HAZARDS (BOTH ACUTE AND CHRONIC)

Prolonged contact with iron oxide powder may result in temporary mechanical irritation of skin and eyes. Overexposure to iron oxide fumes has been associated with X-ray changes in the lungs- it does not result in illness.

Section 4. First Aid Measures

FIRST AID FOR SKIN

Molten Resins: Remove under running stream of water. Do not attempt to

Material Safety Data Sheet for SCC CODE : 5890

FIRST AID FOR SKIN

remove resin from skin. Get medical attention.

FIRST AID FOR EYES

This product is a solid. If in eye, remove as one would any foreign object.

FIRST AID FOR INHALATION AND INGESTION

In case of adverse exposure to vapors and/or aerosols formed at elevated temperatures, immediately remove victim from exposure. Administer artificial respiration if breathing stopped. Get medical attention. Ingestion not anticipated.

Section 5. Fire Fighting Measures

Foam YES	Alcohol Foam YES	Co2 YES	Dry Chemical YES	Water Fog YES	Other NO	Flash Point N/A	Flash Method N/A
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SPECIAL FIREFIGHTING PROCEDURE

Standard procedures for class A fires.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Product as shipped is not a flammable dust. However, it can be a flammable dust when fines less than 200 mesh are suspended in air.

Section 6. Accidental Release Measure

ACCIDENTAL RELEASE MEASURES

Sweep up spilled material for use or disposal.

Section 7. Handling and Storage

HANDLING AND STORAGE

Keep away from sparks and open flame. This product may react with strong oxidizing agents and should not be stored near such materials. Store in a sprinklered warehouse.

VENTILATION (LOCAL EXHAUST, MECHANICAL, SPECIAL, OTHER)

Recommended over extruders.

Material Safety Data Sheet for SCC CODE : 5890

VENTILATION (LOCAL EXHAUST, MECHANICAL, SPECIAL, OTHER)

OTHER PRECAUTIONS

Local ventilation recommended.

Section 8. Exposure Controls, Personal Protection

RESPIRATORY PROTECTION

Appropriate respirator selected and used in accordance with OSHA Subpart I (29 CFR 1910.134) required when exposure to airborne contaminant is likely to exceed limits for nuisance dusts.

VENTILATION

Recommended over extruders.

PROTECTIVE GLOVES

Recommended

EYE PROTECTION

Safety glasses with side shields recommended.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Local venting.

WORK/HYGIENIC PRACTICES

Use good industrial hygiene practices.

Section 9. Physical and Chemical Properties

Boiling Range	Vapor Density	Evaporation Rate	Soluable	Tech Shipping Name
N/A	LIGHTER THAN AIR	SLOWER THAN ETHER	NEGLEGIBLE	

Section 10. Stability and Reactivity

STABILITY:

STABLE

HAZARDOUS POLYMERIZATION:

WILL NOT OCCUR

INCOMPATIBILITY (MATERIALS TO AVOID):

Strong oxidizing agents.

CONDITONS TO AVOID:

Avoid contact with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Excessive heat may cause decomposition to iron oxide fumes.

Material Safety Data Sheet for SCC CODE : 5890

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

11. Toxicological Information

INGESTION

Please refer to section three for any available information on potential health effects. None expected from the pellet form.

SKIN

Please refer to section three for any available information on potential health effects.

EYE

Please refer to section three for any available information on potential health effects.

INHALATION

Negligible hazard at ambient temperature (0-100 Deg F). Vapors and aerosols may be formed at elevated temperatures.

12. Ecological Information

ECOLOGICAL INFORMATION

Plastic pellets are defined by US EPA under the Clean Water Act(40CFR 122.26) as a "SIGNIFICANT MATERIAL" which may require a storm water permit.

13. Disposal Considerations

WASTE DISPOSAL

Dispose of in accordance with local, state, and federal regulations. State or local hazardous waste regulations may apply if different from the federal.

14. Transportation Information

U.S. Department of Transportation (DOT): Not regulated for this mode of transport.
International Maritime Dangerous Goods (IMDG): Not regulated for this mode of transport.
International Air Transportation Authority (IATA): Not regulated for this mode of transport.

15. Regulatory Information

Chemical Common Name Cas Number OSHA PEL ACGIH TLV OTHER PERCENT mm Hg @ TEMP NTP IARCOSHAPROP65 TSCA313

16. Other Information

Material Safety Data Sheet for SCC CODE : 5890

OTHER INFORMATION

The information contained herein is believed to be correct and was obtained from sources believed by Standridge Color to be accurate. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained here. (30)

Important: Due to variables in customer's processes, Standridge Color Corporation can not be liable for end use products. While Standridge Color strives to provide quality products, our customers must be aware of the possibility that some colorants may have problems in final applications. It will be the customer's responsibility to subject end use products to practical tests to assure quality in each application. Some pigments used may have a tendency to migrate, and should be subjected to migration tests to demonstrate non-migration of the colorant from the finished product. Migration is only one example of how application might change the product.

Haines, Chris

From: Walker, Ross [rwalker@co.pinellas.fl.us]
Sent: Wednesday, September 28, 2011 1:56 PM
To: Haines, Chris
Subject: RE: MSDS

10-4. Thanks for the heads up!

Ross Walker

Pinellas County Animal Services

(727) 582-2592

rwalker@pinellascounty.org

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From: Haines, Chris [<mailto:Chris.Haines@dep.state.fl.us>]

Sent: Wednesday, September 28, 2011 1:48 PM

To: Walker, Ross

Subject: RE: MSDS

Ah thank you! And before I forget, I need to remind you that your permit expires on March 2, 2012. You have 30 days before the permit expires to put in a renewal application, but it would be best to get it in an additional 30 days prior to that to give the permitting folks (Dick Dibble in the case of General Permits) in Tallahassee time to process it. That way there wouldn't be any lapse where you didn't entitlement.

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](#).

From: Walker, Ross [<mailto:rwalker@co.pinellas.fl.us>]

Sent: Wednesday, September 28, 2011 12:56 PM

To: Haines, Chris

Cc: Andrews, Gregory D

Subject: MSDS

Here is the MSDS information that you requested.

Thanks!

Ross "Rusty" Walker

Animal Services Program Coordinator

Pinellas County Animal Services

12450 Ulmerton Rd., Largo, FL 33774

Phone (727) 582-2592

Fax (727) Enter Fax Number

rwalker@pinellascounty.org

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Haines, Chris

From: Walker, Ross [rwalker@co.pinellas.fl.us]
Sent: Wednesday, September 28, 2011 10:15 AM
To: Haines, Chris
Subject: RE: Crematory calibration guidelines

I may have simply misunderstood you. I thought that you stated that it is required to be calibrated every two years. Regarding the MSDS I will get that to you today. Thanks for the clarification.

Ross Walker
Pinellas County Animal Services
(727) 582-2592
rwalker@pinellascounty.org
All government correspondence is subject to the public records law.

From: Haines, Chris [mailto:Chris.Haines@dep.state.fl.us]
Sent: Wednesday, September 28, 2011 10:02 AM
To: Walker, Ross
Subject: RE: Crematory calibration guidelines

Calibrations differ depending on the cremation unit's manufacturer. There are several that I inspect that were made before 1988, and only require that the thermocouple be replaced when it malfunctions, so I'm not sure how often it's supposed to be calibrated or certified. If the manufacturer doesn't specify, it might be that the thermocouples are meant to wear out and be replaced every so often. In that case, just make sure that the machine is repaired in a timely manner, and don't cremate when it's malfunctioning.

Did you ever find your MSDS Sheets?

Chris Haines
Florida Department of Environmental Protection
Air Program, Environmental Specialist I
13051 N. Telecom Parkway
Temple Terrace, FL 33637-0926
813.632.7600, extension 129
Fax 813.632.7668
Email: Chris.Haines@dep.state.fl.us

"This staff assessment is preliminary and is designed to assist in the review of the information provided prior to final agency action. The comments provided herein are not the final position of the department and may be subject to revision pursuant to additional information and further review".

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 communication 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](#).

From: Walker, Ross [<mailto:rwalker@co.pinellas.fl.us>]

Sent: Wednesday, September 28, 2011 9:06 AM

To: Haines, Chris

Cc: Andrews, Gregory D

Subject: Crematory calibration guidelines

Good morning Chris,

After you left yesterday I was reviewing all my paperwork regarding the crematory and I could not locate anything that had to do with the calibration guidelines. As you saw yesterday I am very meticulous with my paperwork and I like to have all related documents for SOP purposes. Would it be possible for you to send me a copy of the calibration guidelines so that I may add it to my SOP?

Thanks!

Ross "Rusty" Walker

Animal Services Program Coordinator

Pinellas County Animal Services

12450 Ulmerton Rd., Largo, FL 33774

Phone (727) 582-2592

Fax (727) Enter Fax Number

rwalker@pinellascounty.org

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