

BASIC APPLICATION FOR EQUIPMENT / AIR POLLUTION PERMIT
OR CERTIFICATE OF OPERATION

FORM E001
03/2011

1. Name of Company Cherished Fur Ever 2. NAICS Code: 812220
(If corporation or LLC, name on file with Tennessee Secretary of State Corporate Records Division)
3. Company Official to Contact: Michael A. Lang 4. Phone No. 813-385-6570
5. Mailing Address: 4978 Browntown RD Chattanooga TN 37415
Street or P.O. Box City State Zip Code
6. Physical Location (If different from line 5) 8911 Dallas Hollow RD Soddy-Daisy TN 37379
Street City State Zip Code
7. Application for:
 Installation Permit Initial Certificate of Operation Renewal Certificate of Operation

Previous Installation Permit or Certificate of Operation No.: 6123-31502102-01C

8. Type of equipment for which application is made:
- | | | |
|---|--|-----------------------------------|
| <input checked="" type="checkbox"/> Process Equipment (Form E010 or Form E010A) | <input checked="" type="checkbox"/> Previously Submitted | <input type="checkbox"/> Attached |
| <input type="checkbox"/> Fuel Burning Equipment (Form E011) | <input type="checkbox"/> Previously Submitted | <input type="checkbox"/> Attached |
| <input type="checkbox"/> Incineration Equipment (Form E012) | <input type="checkbox"/> Previously Submitted | <input type="checkbox"/> Attached |
| <input type="checkbox"/> Minor Pollution Source (Form E014)
<i>(Less than 1000 lbs/yr and less than 10 lbs/day total uncontrolled contaminant emissions)</i> | <input type="checkbox"/> Previously Submitted | <input type="checkbox"/> Attached |

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The following forms are filed with this application:

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CHATTANOOGA-HAMILTON
COUNTY AIR POLLUTION
CONTROL BUREAU

9. Equipment Name: B&L Cremation Systems Inc. Model BLI - 800
10. If application is for a Certificate of Operation (Initial or Renewal), are there any changes since previous application the equipment or operation which might:
- A. Increase, decrease, or alter process materials, fuel, refuse type, etc.? Yes No
- B. Increase, decrease, or alter emissions or emission points? Yes No

11. Process Weight, lb/hr, (Item 6 on Form E010), Incineration Rate, lb/hr, (Item 3C on Form E012), or Fuel Burning Rate, 1,000 Btu/hr, (Item 7C on Form E011): 150 lbs / hr

This is to certify that I am familiar with operations concerning this equipment and the information provided on this application is true and complete to the best of my knowledge:

Mail completed form to:
CHATTANOOGA-HAMILTON COUNTY
AIR POLLUTION CONTROL BUREAU
6125 Preservation Drive, Suite 140
Chattanooga, TN 37416-3638


Michael A. Lang

Owner - Belly Rubs Furever, LLC

This form must be completely filled out before it will be processed

Date 11 - 30 - 23

MINOR POLLUTION SOURCE APPLICATION

FORM E014
07/2001

1. Name of Company: Cherished FurEver
(As shown on Line 1 of Form E001)
2. Name of Equipment: B&L Cremation Systems Inc. Model BLI - 800
(As shown on Line 9 of Form E001)
3. Type of Operation: Pet Cremations
4. Major Raw Materials: Deceased Animals

5. Control Equipment Data:

<input checked="" type="checkbox"/> Emissions Uncontrolled	<input type="checkbox"/> Inertial Separators (File Form E105)
<input type="checkbox"/> Baghouse (File Form E102)	<input type="checkbox"/> Adsorption System (File Form E108)
<input type="checkbox"/> Wet Collecting Device (File Form E103)	<input type="checkbox"/> Flame or Catalytic Destruction (File Form E109)
<input type="checkbox"/> Electrostatic Precipitator (File Form E104)	<input type="checkbox"/> Masking Agent or Odor Counteragent (File Form E111)
<input type="checkbox"/> Other (specify): _____	

6. Control Equipment Efficiency:

Control equipment efficiency for each pollutant emitted by this equipment (from appropriate Form E102, E103, E104, E105, E107 or enter zeros if "A" is checked in Item 5):

Pollutant	% Efficiency
Particulates	
SO _x	
NO _x	
CO	
Hydrocarbons	
Other:	

7. Uncontrolled Emissions into Atmosphere:

Pollutant	Amount Emitted (lbs/hr)
Particulates	0.1095
SO _x	0.11
NO _x	0.38
CO	0.02
Hydrocarbons*	0.003

The values shown were determined by actual stack test (submit copy of stack test report with full details).
 The values shown were estimated (file Form E106 for each pollutant shown).
 *This should include only true hydrocarbons such as ethane, propane, ethylene, etc. List other organic compounds separately.

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8. Those emissions indicated in Item 7 may at times under normal operating conditions cause (check one or more):

<input type="checkbox"/> Odors	<input type="checkbox"/> Eye Irritations
<input type="checkbox"/> Property Damage	<input type="checkbox"/> Other nuisances outside of plant property
<input type="checkbox"/> Health Effects	<input checked="" type="checkbox"/> No environmental damage

9. Do the emissions from this equipment contain asbestos, mercury, or beryllium?

Yes No

10. Emission Point Data:

Stack height (emission point) above ground:	22	Ft
Ground elevation above sea level at stack base:	_____	Ft
Stack Diameter:	1.5	Ft
Volume of gas discharged into atmosphere:	2000	Cfm
Gas exit Temperature:	1000	°F

11. Average Equipment Operating Time:

Daily	12	Hours
Weekly	6	Days
Yearly	50	Weeks

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Mail to:
 CHATTANOOGA-HAMILTON COUNTY
 AIR POLLUTION CONTROL BUREAU
 6125 Preservation Drive
 Chattanooga, TN 37416

Company Official: M. [Signature]
 Title: Applicant Signature
 Date: 12-4-23

DO NOT WRITE BELOW THIS LINE

_____ Engineer Approval This form corresponds to permit number: _____

UTM coordinates of company: EW: _____ NS: _____

Special Notations: _____

INCINERATOR APPLICATION

FORM E012
7/2001

1. Name of Company: CHERISHED Fur Ever
(As shown on Line 1, Form E001)
2. Equipment Name: B&L Cremation Systems Inc. Model BLI - 800
(As shown on Line 10, Form E001)

3. Equipment Data:

A. Manufacturer:	<u>B&L Cremation Systems</u>	D. Date of Manufacture:	<u>05/08</u>
B. Model Number:	<u>BLI - 800</u>	E. Date of Installation:	<u>12/23</u>
C. Rate Capacity:	<u>150 lbs/hr</u> Lbs/hr.		

4. Equipment Design:

A. Number of Chambers:	<u>2</u>		
B. Primary Chamber Burner Rating:	<u>0.8mm</u> BTU/hr	Type of Fuel:	<u>Natural Gas</u>
C. Secondary Chamber Burner Rating:	<u>1.0mm</u> BTU/hr	Type of Fuel:	<u>Natural Gas</u>
D. Tertiary Chamber Burner Rating:	_____ BTU/hr	Type of Fuel:	_____

5. Emissions Data:

A. <input checked="" type="checkbox"/> Emissions Uncontrolled	D. <input type="checkbox"/> Electrostatic Precipitator (File Form E104)
B. <input type="checkbox"/> Baghouse (File Form E102)	E. <input type="checkbox"/> Inertial Separator (File Form E105)
C. <input type="checkbox"/> Wet Collecting Device (File Form E103)	F. <input type="checkbox"/> Other (Specify): _____

G. Actual Emissions:

Air Contaminant	Actual Emission Rate
Particulate Matter	<u>0.1095</u> Lbs/hr.
NO ₂	<u>0.38</u> Lbs/hr.
SO ₂	<u>0.11</u> Lbs/hr.
CO	<u>0.02</u> Lbs/hr.
VOC	<u>0.003</u> Lbs/hr.
Other:	_____ Lbs/hr.
	_____ Lbs/hr.
	_____ Lbs/hr.

Emissions determined by stack test (submit report)
 Emissions Estimated (File Form E106)

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6. Incinerator Operation:

A. Average amount of waste burned: 800 Lbs/day

B. Type of waste normally burned: Animals (See Table Below)
85% Moisture, 10% Combustible, 5% Solid Non - Combustible

Type	Principal Components, Usual Source, and Moisture Content
0	Highly combustible waste, paper, wood, cardboard cartons, including up to 10% treated papers, plastic or rubber scraps. This type of waste may have up to 10% moisture and 5% incombustible solids and have a heating value of 2500 BTU/hr as fired.
1	Combustible waste, paper, cartons, rags, wood scraps, combustible floor sweepings, and foliage. The mixture may contain up to 20% by weight of restaurant or cafeteria waste, but contains less than 1% treated papers, plastic, or rubber wastes. This type of waste may have up to 25% moisture and 10% incombustible solids and has a heating value of 6500 BTU/hr as fired.
2	Refuse consisting of an approximately even mixture of rubbish and garbage by weight. This type of waste is common to apartment and residential occupancy, consisting of up to 50% moisture and 7% incombustible solids and has a heating value of 4300 BTU/hr as fired.
3	Garbage consisting of animal and vegetable wastes from restaurants, cafeterias, hotels, hospitals, markets, and similar installations. This type of waste may contain up to 70% moisture and up to 5% incombustible solids and has a heating value of 2500 BTU/hr as fired.
4	Infectious waste; as defined by the Chattanooga Air Pollution Control Ordinance, Section 4-41, Rule 20.4.
5	By-product waste, gaseous, liquid or semi-liquid, such as tar, paints, solvents, sludge, fumes, etc. from industrial operations. Fill in the following: Heating value: _____ BTU/hr; % Incombustibles _____; % Moisture _____.
6	Solid by-product waste, such as rubber, plastics, wood waste, etc. from industrial operations. Fill in the follow: Heating value: _____ BTU/hr; % Incombustibles _____; % Moisture _____.

7. Emission Point Data:


A. Stack height above ground:	<u>22</u>	Ft
B. Ground elevation above sea level at stack base:	<u> </u>	Ft
C. Stack Diameter:	<u>1.5</u>	Ft
D. Volume of gas discharged into atmosphere:	<u>2000</u>	Cfm
E. Gas exit temperature:	<u>1000</u>	°F

8. Equipment Operation:

Average Operating Time:	Daily:	<u>12</u>	Hours
	Weekly:	<u>6</u>	Days
	Yearly:	<u>50</u>	weeks

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Company Official: 
 Title: Applicant
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