

DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION  
**ACTIVITY REPORT: Scheduled Inspection**

N833543860

<b>FACILITY:</b> FIRST PET CARE SERVICES LLC/LINDA WILLIAMS		<b>SRN / ID:</b> N8335
<b>LOCATION:</b> 4369 SOUTH OLD US 23, BRIGHTON		<b>DISTRICT:</b> Lansing
<b>CITY:</b> BRIGHTON		<b>COUNTY:</b> LIVINGSTON
<b>CONTACT:</b> Linda Williams ,		<b>ACTIVITY DATE:</b> 03/29/2018
<b>STAFF:</b> Kelly Richart	<b>COMPLIANCE STATUS:</b> Compliance	<b>SOURCE CLASS:</b> <i>Minor</i>
<b>SUBJECT:</b> Scheduled unannounced inspection.		
<b>RESOLVED COMPLAINTS:</b>		

Contacts:

Linda Williams, Owner  
Dawn Richardson, Office Manager  
Clarence, Facility Operator  
Company phone #: 800-458-4738

Company:

Provides basic or VIP cremation services, and specialty urn cremation services.

Previous Inspections:

Brad Myott: February 17<sup>th</sup>, 2011

Permits/Exemptions:

PTI# 231-09 (10/25/2011)  
Emergency generator: exemption 285 (2)(g)  
Emergency generator: subject to NSPS 40 CFR part 60, subpart JJJJ

Arrival:

Time: 10:03am

Conditions: 41 °F rainy, cloudy, grey skies, slight winds from the west. Grey skies made it hard to see any heat waves from stacks, no visible emissions. No odors detected. Linda was not in the office, Clarence the main operator of the facility gave us the tour and answered questions during the inspection and provided us with records.

Brad Myott attended this inspection with me for additional assistance.

Emission Units:

Emission Unit	EU Description: Process Equipment, Control Devices	Installation Date	Notes
EUCREMATORY1	B&L Cremation Systems Inc, Model BLP 1000 (single chamber) Fuel: Natural gas Max charge: 1000 lbs Burn rate: 250 lbs/hour Charge type: animal "pet" remains	10/25/2011	Used for animals that customers do not want remains, and farm animals No other waste into oven (no medical waste, etc- medical waste properly disposed) Burned in "group burns" of multiple animal remains Afterburner: set at 1650 F, during inspection 1709 F Inside crematory furnace during inspection: 1592 F Longer group burns can take 8-9 hours Continuous temperature monitoring, records as far back as installation 2 burns a day Scale used for weight calculations/records

<p>EUCREMATORY2</p>	<p><b>B&amp;L Cremation Systems Inc, Model BLI 800 (four chambers) Fuel: Natural gas Max charge: 100 lbs/chamber Burn rate: 150 lbs/hour Charge type: animal "pet" remains</b></p>	<p>PTI: 10/25/2011 Installed: 2/27/12</p>	<p>Up to 100lbs per charge 3 pets per chamber Can run each individual chamber separately, they do always run all four at once Afterburner: set at 1650 F, during inspection: 1665 F Inside crematory furnace: 1680 F Continuous temperature monitoring, records as far back as installation Each run 2-3 hours 2 burns a day Scale used for weight calculations/records Have "viewings" – one pet per chamber, 1-2 hours</p>
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Emission Units/Monitoring/Recordkeeping:

EUCREMATORY1

Clarence provided sufficient records for EUCREMATORY1. The temperature in the secondary combustion chamber is monitored and recorded continuously on their chart recorder. Recent temperature records were kept available for the AQD in binders in the warehouse, and all other records from the beginning of production were kept in storage (see attachment **C**). All of the temperatures recorded that Brad and I observed during the inspection were over 1600 °F. At the time of inspection, the afterburner in EUCREMATORY2 was set at 1650 °F but actually running at 1709 °F, well above the permitted requirement. Additionally, daily records of the time, description and weight of waste were recorded in binders that were available to the AQD. Specifically, their records provided the date, time, batch number, owner name, pet name, and weight of pet (see attachment **A**). Clarence noted that they rarely exceed the 1000 lb. limit, due to the size of animals not perfectly adding up to 1000 lbs. However, we discussed this issue with Clarence and he understood that he must stay under the 1000 lb. limit. He noted that if they go too high over the 1000 lbs there can be issues with animal grease in the crematory oven, which hinders them from wanting to go over that 1000 lb limit as well. Overall, these records were very well documented and organized.

EUCREMATORY2

Clarence also provided sufficient records for EUCREMATORY2. The temperature in the secondary combustion chamber is monitored and recorded continuously on their chart recorder. Recent temperature records were kept available for the AQD in binders in the warehouse, and all other records from the beginning of production were kept in storage (see attachment **D**). Almost all of the temperatures recorded during the runs were over 1600 °F. There were a few sparse accounts of runs at temperatures around 1500 °F (see attachment **E**). We discussed this issue with Clarence and he understood this accidental error in temperature was violating the permit and noted that they always set the afterburner temperature at 1650 °F, which we witnessed during the inspection. At the time of inspection, the afterburner in EUCREMATORY2 was set at 1650 °F but actually running at 1665 °F, well above the permitted requirement. Additionally, daily records of the time, description and weight of waste were recorded in binders that were available to the AQD. Specifically, their records provided the date, time, batch number, owner name, pet name, and weight of pet (see attachment **B**). Overall, these records were very well organized, and they have a well-run system as to how they organize and identify the correct pet remains.

All medical waste is disposed of properly through a recycling/disposal service. All animal remains from both crematory units that are not collected by customers are collected into metal garbage cans outside with a lid enclosing the bin, and then disposed into the large waste dumpster.

Emergency Generator Outside the facility there was a Briggs & Stratton model #040336, natural gas-fired emergency generator (see Attachment **H** for specific details). It is only used for emergencies, such as a loss of power. It has the ability to run the office, a few freezers, and one oven. We discussed the details of this generator with Dawn at the front desk and she informed us that it was installed May 30th, 2013 and in this past year they have only had to use it two times. The longest time they have had to use it was about 4 hours for when a tree fell over causing a power outage. From the Briggs & Stratton company website, this generator runs at 20 kW or approximately 68,000 BTU/hr. The emergency generator automatically does a 15-minute readiness check every Wednesday to make sure it is working properly. Ashcott Electrical does maintenance semi-annually and when needed. Linda Williams provided a copy of the latest maintenance check (see Attachment **F**) and a copy of all maintenance done by Ashcott Electrical since installation (see Attachment **G**).

This emergency generator is exempt via Rule 285(2)(g), as it has less than 10,000,000 BTU/hr maximum heat input. It is also subject to NSPS 40 CFR part 60, subpart JJJJ, but is under the 500 hour/year limit including less than 100 hours of non-emergency/maintenance/readiness checks. Dawn estimated that the emergency generator has run twice in the past year for emergencies, totaling approximately 8 hours. The emergency generator runs for 13 hours a year for readiness testing and about 16 more hours for semi-annual maintenance checks. The total usage per year of this generator is roughly 37 hours, well under the 500 hour total limit, and the total usage for non-emergencies is approximately 29 hours, well under the 100 hour limit.

Summary:

Heavenly Acres Pet Cremation Services appears to be in compliance with the requirements of permit 231-09A. The facility was maintaining the proper records and there were no odors or visible emissions. We verified with Clarence that he will make sure to keep the secondary afterburner temperature above 1600 °F for both crematory units, and to keep the weight of each charge under 1000 lbs for the single chamber crematory unit. Overall, this facility was well maintained and organized.

Departure:

Time: 11:35am

Conditions: 45 °F, rainy, still slight winds from west. No visible emissions or odors were detected.

Attachments:

**A:** Example of daily cremation record for EUCREMATORY1 (single chamber oven) recording the date, time, batch #, owner name, pet name, and weight.

**B:** Example of daily cremation record for EUCREMATORY2 (4 chamber oven) recording the date, time, batch #, owner name, pet name, and weight.

**C:** Example of daily temperature record for EUCREMATORY1 (single chamber oven) recording the temperature, continuously. Each record sheet has various charges, that additionally have the date, time, batch number, and operator's initials listed on the record paper.

**D:** Example of daily temperature record for EUCREMATORY2 (4 chamber oven) recording the temperature, continuously. Each record sheet has various charges, that additionally have the date, time, batch number, and operator's initials listed on the record

**E:** Example of a temperature record for a charge on 5/4/17 in EUCREMATORY2 (4 chamber oven) where the afterburner temperature did not reach 1600 °F (which was rare according to their records). The picture shows the record of this charge only heating to 1500 °F.

**F:** Example document of the most recent maintenance inspection from Ashcott Electrical Inc. on 4/2/18.

**G:** Maintenance history list via Ashcott Electrical Inc. for the emergency generator.

**H:** Website description of emergency generator with product details.

NAME

*Kelly Riehl*

DATE

*4/3/18*

SUPERVISOR

*B.M.*



Photo Attachments: daily records

**A** Heavenly Acres Pet Cremation Services  
 4369 S. Old US 23  
 Brighton MI 48114

**Daily Cremation Record**

Date 3-29-18 Thurs patch crematory

Batch# \_\_\_\_\_

Start Time 9:00am

Finish time \_\_\_\_\_

#1 Owner	<u>Woodford</u>	Pet	<u>Suckers</u>	Weight	<u>21 PP</u>
#2 Owner	<u>Henderson</u>	Pet	<u>Knuckles</u>	Weight	<u>60 PP</u>
#3 Owner	<u>W. Billis</u>	Pet	<u>Snowy</u>	Weight	<u>63</u>
#4 Owner	<u>Schmitt</u>	Pet	<u>Trucker</u>	Weight	<u>65</u>
#5 Owner	<u>Renolds</u>	Pet	<u>Hussie</u>	Weight	<u>89</u>
#6 Owner	_____	Pet	_____	Weight	_____
#7 Owner	_____	Pet	_____	Weight	_____
#8 Owner	_____	Pet	_____	Weight	_____
#9 Owner	_____	Pet	_____	Weight	_____
#10 Owner	_____	Pet	_____	Weight	_____
#11 Owner	_____	Pet	_____	Weight	_____
#12 Owner	_____	Pet	_____	Weight	_____
#13 Owner	_____	Pet	_____	Weight	_____
#14 Owner	_____	Pet	_____	Weight	_____

Total Weight \_\_\_\_\_

Notes \_\_\_\_\_

**A**

Daily cremation records for EUCREMATORY1 (single chamber oven) recording the date, time, batch #, owner name, pet name, and weight.

The weight must be below 1000 lbs total for the single chamber oven, per charge.

This is an example of a group burn where multiple animals are placed in the crematory during one burn. The group burns must be under 1000 lbs total.

Records have been kept for the last 10 years. There were a few (green) binders of the most recent records from the past few months available in the warehouse, the rest were in storage.

**B** Heavenly Acres Pet Cremation Services  
 4369 S. Old US 23  
 Brighton MI 48114

**Daily Cremation Record**

Date 3-29-18 Thurs (4) Chamber

Batch# 04

Start Time 8:00am

Finish time \_\_\_\_\_

#1 Owner	<u>Waxman</u>	Pet	<u>Patch</u>	Weight	<u>1 PP</u>
#2 Owner	<u>Thomads</u>	Pet	<u>Flower</u>	Weight	<u>4 PP</u>
#3 Owner	<u>Hoglund</u>	Pet	<u>Trick</u>	Weight	<u>8 PP</u>
#4 Owner	<u>Ruble</u>	Pet	<u>Hoya</u>	Weight	<u>4 PP</u>
#5 Owner	<u>Stewart</u>	Pet	<u>Blajo</u>	Weight	<u>9 PP</u>
#6 Owner	<u>King</u>	Pet	<u>Lucky</u>	Weight	<u>9 PP</u>
#7 Owner	<u>Puckl</u>	Pet	<u>Zalder</u>	Weight	<u>13 PP</u>
#8 Owner	<u>Tuck</u>	Pet	<u>Tilly Ho</u>	Weight	<u>20 PP</u>
#9 Owner	<u>loyd</u>	Pet	<u>Missy</u>	Weight	<u>11 PP</u>
#10 Owner	<u>Hedrick</u>	Pet	<u>Sooter</u>	Weight	<u>13 PP</u>
#11 Owner	<u>McCubbin</u>	Pet	<u>Ullly</u>	Weight	<u>9 PP</u>
#12 Owner	_____	Pet	_____	Weight	_____
#13 Owner	_____	Pet	_____	Weight	_____
#14 Owner	_____	Pet	_____	Weight	_____

Total Weight \_\_\_\_\_

Notes \_\_\_\_\_

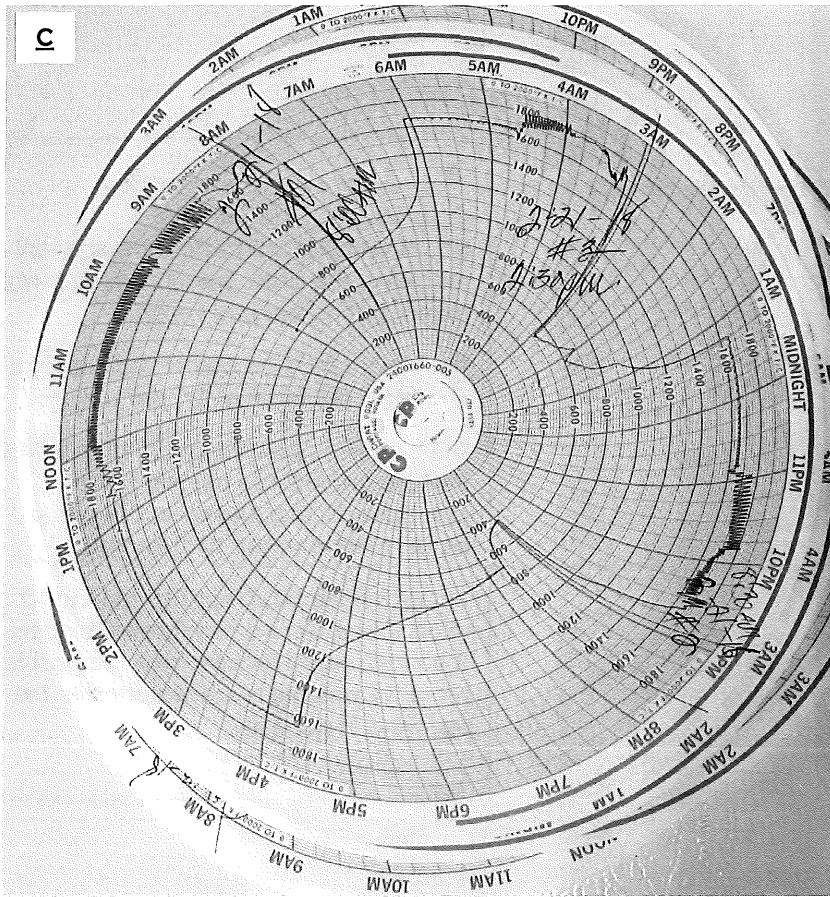
**B**

Daily cremation records for EUCREMATORY2 (4 chamber oven) recording the date, time, batch #, owner name, pet name, and weight.

The weight must be below 100 lbs per chamber, per charge.

Records have been kept for the last 10 years. There were a few (black) binders of the most recent records from the past few months available in the warehouse, the rest were in storage.

Photo Attachments: secondary afterburner temperature records

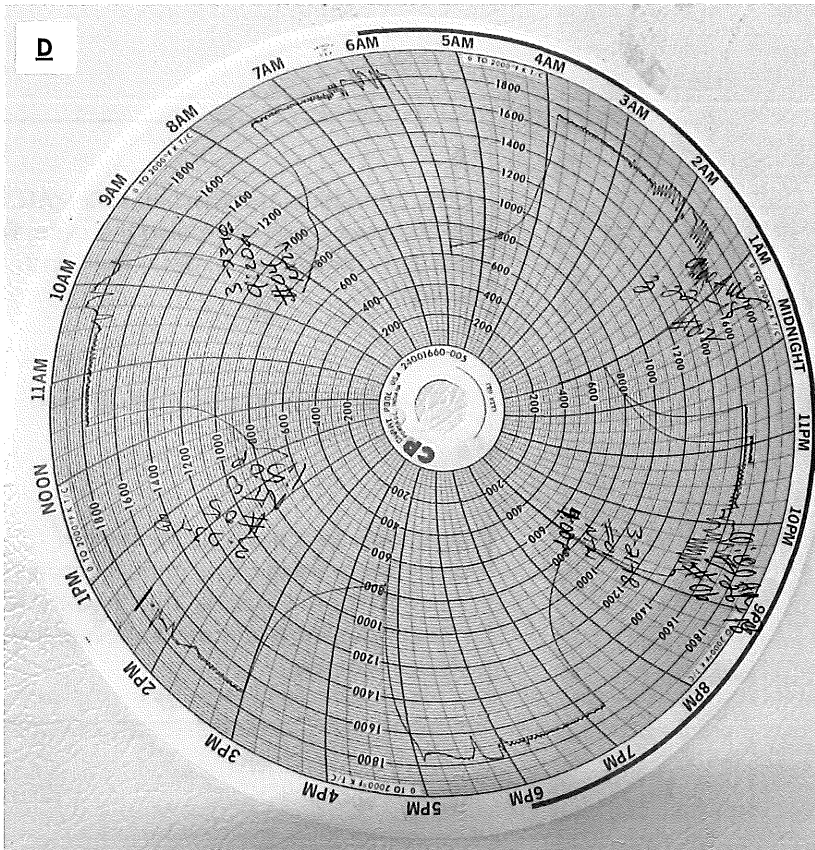


**C**

Daily temperature records for EUCREMATORY1 (single chamber oven) recording the temperature, continuously. Each record sheet has various charges, that additionally have the date, time, batch number, and operator's initials listed on the record paper.

Temperature of the secondary afterburner must be over 1600 °F, which was displayed in these records, and during the inspection the afterburners were set to 1650 °F.

Records have been kept for the last 10 years. There was a box of previous records from 3/17/17-10/25/17, and the current box from 10/26/17-present.



**D**

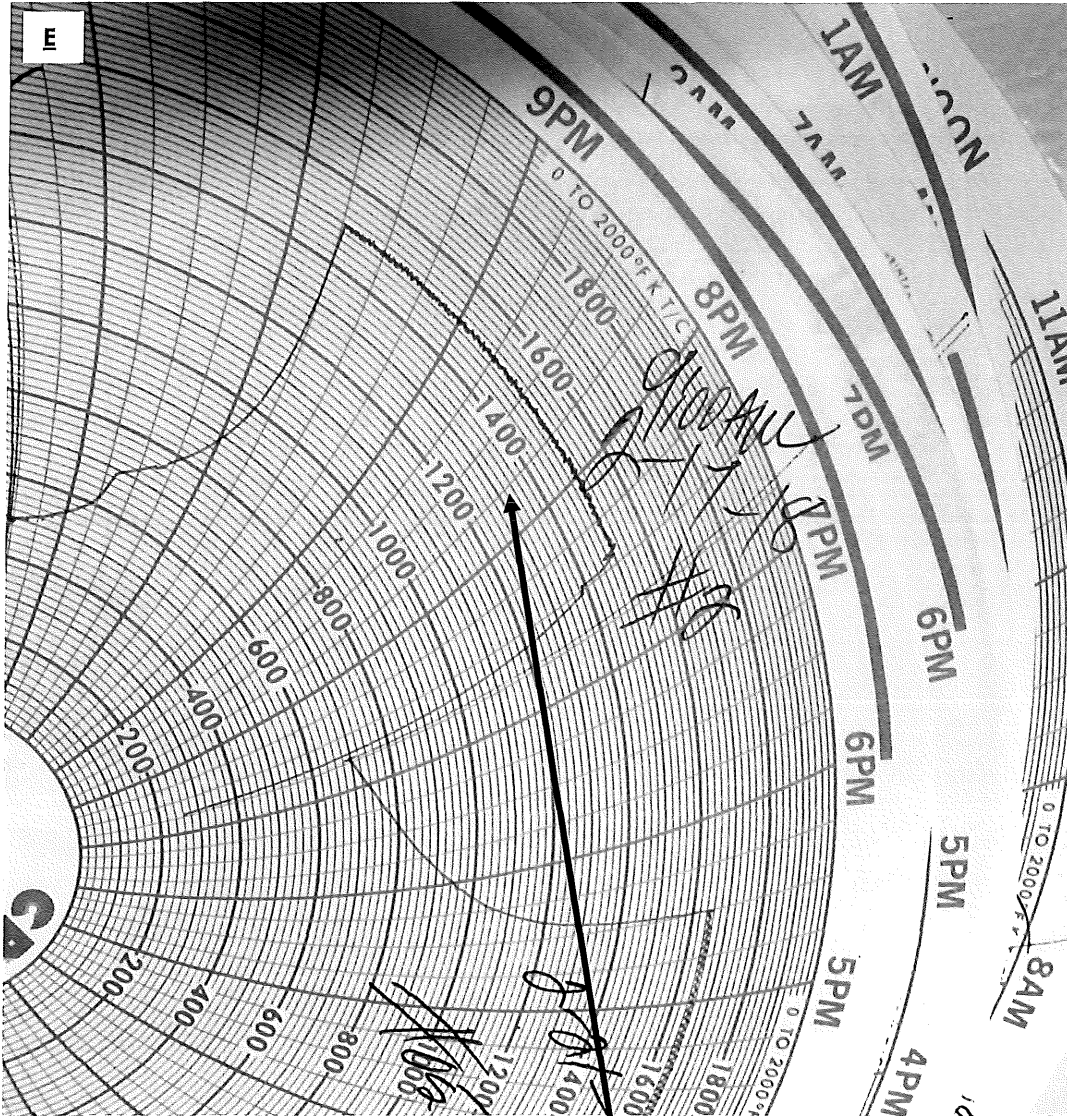
Daily temperature records for EUCREMATORY2 (4 chamber oven) recording the temperature, continuously. Each record sheet has various charges, that additionally have the date, time, batch number, and operator's initials listed on the record paper.

Temperature of the secondary afterburner must be over 1600 °F, which was displayed in these records, and during the inspection the afterburners were set to 1650 °F.

Records have been kept for the last 10 years. There was a box of previous records from 3/17/17-10/25/17, and the current box from 10/26/17-present.



Photo Attachments: temperature records- faulty run, 1500 °F (instead of 1600 °F)



**E**

Example of a temperature record of a charge on 5/4/17 in EUCREMATORY2 (4 chamber oven) where the afterburner temperature did not reach 1600 °F (which was rare according to their records). The picture shows the record of this charge only heating to 1500 °F. Clarence explained that after some test runs that are manually set at 1500 °F he likely forgot to adjust it back to 1600 °F. During the time of the inspection the afterburner was set to 1650 °F, which is 50 °F higher than the required limit, so they were not in violation at the time.





# Ashcott Electrical Inc.

11800 Whitmore Lake Rd., Suite C

Whitmore Lake, MI. 48189

Phone: (734) 449-0553

Fax: (734) 449-1182

Name:	Heavenly Acres Pet Crematory	Location of Equipment
Address:	4369 S.Old US23	Generator -
City/State/Zip:	Brighton, MI 48114	
email:		ATS - Inside
Phone:	800-458-4738	

	Day	Evening	Equipment	Brand	Model #	Serial #	Install Date
We agree to provide you with a complete Precision Preventative Maintenance & Cleaning either annually or semi-annually as described below for your stand by generator system and automatic transfer switch during the term indicated.			Generator	B&S 20KW	040336	1020859405	05/30/13
			ATS -		071045	1020337607	
			Generator 2				
			ATS - 2				

**Benefits:**  
 Discounted Price  
 Extended Equipment Life  
 Fewer Repairs  
 10% Discount on Repairs  
 Priority Customer  
 Inflation Protection  
 Agreement is Transferable

**Annual Preventative Maintenance Includes:**  
 Oil Change & Filter  
 Change Air Filter & Pre Filter  
 Change Spark Plugs  
 Inspect & Clean Generator  
 Inspect & Clean Transfer Switch  
 Test all Equipment Operations  
 Test Battery & Check Connections  
 Adjust Voltage & Frequency

**Semi-Annual PM Includes: (2nd Trip)**  
**Spring -**  
 Perform all items listed in Annual PM  
**Fall -**  
 Check Fluids, Belts, Switches, etc.  
 Visual Inspection & Clean  
 Test all Operations  
 Test Battery

Special Instructions:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Terms of Agreement**

Annual PM \$ 275.00       Semi-Annual PM \$ 400.00

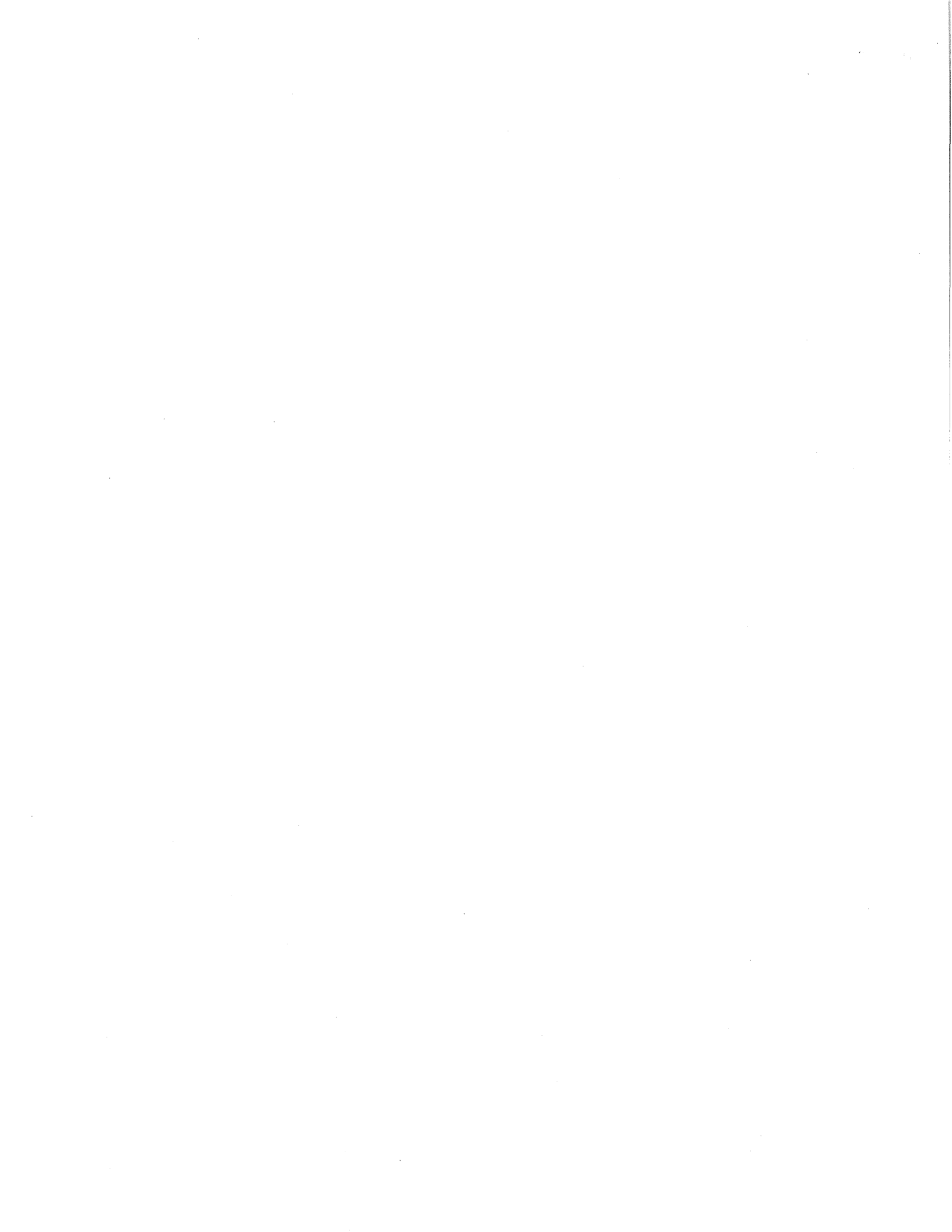
Total Term/Investment

One Year       Two Year       Three Year  
 Total \$ 700.00      Total \$ \_\_\_\_\_      Total \$ \_\_\_\_\_

Mastercard       Visa       Am. Express       Check

Account # \_\_\_\_\_      Month/Year \_\_\_\_\_  
 CCS# \_\_\_\_\_      Exp. \_\_\_\_\_  
 Name as it appears on card Heavenly Acres Pet Crematory      Date 1/1/14  
 Customer Signature [Signature]      Date 1/1/14  
 Ashcott Signature \_\_\_\_\_      Date 1/1/14

*Please process 4/1/18*  
*Thank you*









**Financing Solution**

We have partnered with Synchrony to provide financing solutions that fit your needs. Special financing\* is available on qualified Briggs & Stratton Standby Generators on the Briggs & Stratton Standby Power Credit Card.

\*Subject to credit approval. Minimum monthly payments required.

[Features](#)

[Specs](#)

[Support](#)

**5 Year Parts, Labor & Travel Limited**

**Warranty**

**Q&A**

Our customer-friendly limited warranty is one of the most comprehensive in the industry. Offering a 5 year parts, labor & travel limited warranty. **Click here for details.**

[\(/content/dam/briggsandstratton/na/en\\_us/Files/pdps/v20kW.pdf\)](/content/dam/briggsandstratton/na/en_us/Files/pdps/v20kW.pdf)

This generator is rated in accordance with UL (Underwriters Laboratories) 2200 (stationary engine generator assemblies) and CSA (Canadian Standards Association) standard C22.2 No. 100-04 (motors and generators).

Warranty details available at [briggsandstratton.com](http://briggsandstratton.com).

<sup>3</sup>Installations must strictly comply with all applicable codes, industry standards, laws, regulations and provided installation manual. Running engines give off carbon monoxide, an odorless, colorless, poisonous gas so it is important to keep exhaust gas away from any windows, doors, ventilation intakes or crawl spaces. The installation manual contains specific instructions related to generator placement in addition to NFPA 37, including the requirement that Carbon monoxide detectors be installed and maintained in your home.

# Specs

<b>Model Number</b>	040336	<b>Running Watts (LP)*</b>	20,000
<b>Running Watts (NG)*</b>	18,000	<b>Engine Brand</b>	Briggs & Stratton™
<b>Engine Series</b>	Vanguard™	<b>Engine Displacement (cc)</b>	993
<b>Operation</b>	Fully Automatic	<b>Voltage (V)</b>	120/240V AC, Single Phase, 1.0 pf
<b>Running Amps (LP)</b>	83.3	<b>Running Amps (NG)</b>	75
<b>Alternator Type</b>	Computer Friendly	<b>LP Fuel Consumption**</b>	50% Load = 2.31 gal/hr
<b>NG Fuel Consumption**</b>	50% Load = 187 ft <sup>3</sup> /hr	<b>Weekly Exerciser</b>	Yes
<b>Battery/Battery Charger</b>	Yes	<b>Overcrank Protection</b>	Yes
<b>Diagnostic Alerts with Remote System Status</b>	Low Oil Shutdown, Engine Does Not Start, Low Frequency, Engine Overspeed, Low Voltage, Low Battery Voltage, Oil Temp High, Transfer Switch Fault	<b>HZ</b>	60 Hz
<b>Governor Type</b>	Electronic	<b>Alternator</b>	Computer Friendly
<b>Length (in)</b>	48	<b>Width (in)</b>	34
<b>Height (in)</b>	31	<b>Weight (lbs)</b>	500
<b>Warranty (Product)***</b>	5 Year Parts, Labor & Travel Limited Warranty		

\*NG = Natural Gas; LP = Liquid Propane.

\*\*Fuel consumption rates are estimated based on normal operating conditions at 1/2 load. Generator operation may be greatly affected by elevation and the cycling operation of multiple electrical appliances - fuel flow rates may vary depending on these factors.

\*\*\*See Operator's Manual for complete warranty details