

CERTIFICATION OF WORK  
(To be completed by the Contractor and saved in the Contractor's CMMS)

FACID/Building: VA49 Date of Visit: 12/16/19  
Contractor Personnel on Site:

1. Jeremy Gray 2. \_\_\_\_\_

Work Performed:

Preventive Maintenance - Services Completed (Annual, Quarterly, Monthly, equipment identification, etc.)

1. WO# COM2119071

Service Calls - Service Call Number and Description

1. CSS# 21926

2. CSS# \_\_\_\_\_

3. CSS# \_\_\_\_\_

Performed a Phon on all 4 Boilers

CERTIFICATION OF WORK

To be signed by the Contractor:

Print Name: Jeremy Gray Date: 12/16/2019

Signed: Jeremy Gray

To be signed by Facility Manager:

I certify that the above named individuals representing the Contractor arrived on site and to the best of my knowledge, completed the stated work listed:

Print Name/Rank: \_\_\_\_\_ Date: \_\_\_\_\_

Signed: GRENIER,SCOTT,ANTHONY Digitally signed by  
ONY.1007219551 GRENIER,SCOTT,ANTHONY.1007219551  
Date: 2019.12.18 08:52:48 -05'00'

E-Mail: \_\_\_\_\_

LOW PRESSURE BOILER 12/2009  
MODEL NUMBER: ALP399F-1L07  
SERIAL NUMBER: 65174821



CERTIFIED BY: BURNHAM HYDRONICS  
MAX. WATER TEMP: 210 °F  
MAWP, WATER: 100 PSI  
MINIMUM RELIEF VALVE  
CAP: 360 MBH OR LB/HR

Certified to:  
ANSI Z21.13-2007  
ANSI Z21.13a-2005  
CSA 4.9-2004  
CSA 4.9a-2005



9700609

GAS SUPPLY | MAX 14 IN WC  
PRESSURE | MIN 4 IN WC  
MANIFOLD PRESSURE - 0.19 IN WC  
EQUIPPED FOR USE WITH NAT GAS  
120V/60HZ INPUT LESS THAN 12 AMPS

USA MAX INPUT: 399 MBH  
MIN INPUT: 80 MBH  
OUTPUT: 360 MBH  
D.O.E. HTG. CAP: MBH  
NET I=B=R RATING



WATER: 328 MBH

CANADA

INPUT: 0-2000 FT: 399000 BTU/HR  
2000-4500 FT: 351120 BTU/HR  
OUTPUT: 0-2000 FT: 360000 BTU/HR  
2000-4500 FT: 316800 BTU/HR  
RECOMMENDED ORIFICE: N/A D.M.S.  
C.R.N.: M3406.5C

LOW PRESSURE BOILER 12/2009  
MODEL NUMBER: ALP399F-1L07  
SERIAL NUMBER: 65174820

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MAX. WATER TEMP: 210 °F  
MAWP, WATER: 100 PSI  
MINIMUM RELIEF VALVE  
CAP: 360 MBH OR LB/HR

Certified to:

ANSI Z21.13-2007

ANSI Z21.13a-2005

CSA 4.9-2004

CSA 4.9a-2005



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USA MAX INPUT: 399 MBH  
MIN INPUT: 80 MBH

D.O.E. HTG. CAP: 360 MBH  
NET I=B=R RATING MBH

CANADA INPUT: 0-2000 FT: 399000 BTU/HR  
2000-4500 FT: 351120 BTU/HR

OUTPUT: 0-2000 FT: 360000 BTU/HR  
2000-4500 FT: 316800 BTU/HR  
RECOMMENDED ORIFICE: N/A D.M.S.  
C.R.N.: M3406.5C



LOW PRESSURE BOILER

MODEL NUMBER: ALP399F-1L07  
SERIAL NUMBER: 65174823

12/2009



CERTIFIED BY: BURNHAM HYDRONICS  
MAX. WATER TEMP: 210 ° F  
MAWP, WATER: 100 PSI  
MINIMUM RELIEF VALVE  
CAP: 360 MBH OR LB/HR

Certified to:

ANSI Z21.13-2007

ANSI Z21.13a-2005

CSA 4.9-2004

CSA 4.9a-2005



GAS SUPPLY | MAX 14 IN WC

PRESSURE | MIN 4 IN WC

MANIFOLD PRESSURE -0.19 IN WC

EQUIPPED FOR USE WITH NAT GAS  
120V/60HZ INPUT LESS THAN 12 AMPS

USA MAX INPUT: 399 MBH  
MIN INPUT: 80 MBH

OUTPUT: 360 MBH  
D.O.E. HTG. CAP: MBH  
NET I=B=R RATING



WATER: 328 MBH

CANADA

INPUT: 0-2000 FT: 399000 BTU/HR  
2000-4500 FT: 351120 BTU/HR

OUTPUT: 0-2000 FT: 360000 BTU/HR  
2000-4500 FT: 316800 BTU/HR

RECOMMENDED ORIFICE: N/A D.M.S.  
C.R.N.: M3406.5C

A dark, abstract image showing a dense, horizontal pattern of small, dark shapes, possibly a close-up of a textured surface or a microscopic view of a material.

ANNA 1924.13.00007

1991-2011 1000000

MAX SUPPLY PRESSURE MAX 14 IN WG  
MANIFOLD PRESSURE MAX 9 IN WG  
MAX INPUT LESS THAN 18 IN WG  
MAX INPUT LESS THAN GAS  
MAX INPUT: 380 MBH  
MAX INPUT: 12 AMPS

OUT PUT: 500 MHz  
MEASURED: 500 MHz

1000 ft. S.E. of the gap, 950 m.s.n.m.

# WATER

OUTPAK 4000 FT. 1000

WEGMANS 3000-3000 PLANO

SEARCHED INDEXED SERIALIZED  
OCT 10 1960

1948. MARCH 16



9700000





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Billing Address	Site Address
<b>Customer:</b> TIDEWATER, INC <b>Address:</b> 6625 SELNICK DRIVE <b>Phone:</b> ELKRIDGE MD 21075 614-623-9569	<b>Customer:</b> USARC VA049 CHESTERFIELD <b>Address:</b> 6700 STRATHMORE ROAD <b>Phone:</b> NORTH CHESTERFIELD VA 23237 6146239569
<b>Service Call #:</b> COM0119871	<b>Call Type:</b> COM-HVAC

### Service Requested

CSS-21926 / WO - 11234

We have a new request that came in for VA049. Please provide quote to perform PM of their 4 boilers (prior to annual inspections) and then to also be onsite to assist the boiler inspector on 10/31/19 from 8am - 3pm. The boiler inspector has requested the following, "Have boilers secured and isolated from system. Technician to operate boiler for testing of safety devices."

11/8/19es-Jeremy got Earl the info to write up a quote for this.

11/25/19BW: QUOTE APPROVAL 838.18 1 man 6 hrs

#### DESCRIPTION OF EQUIPMENT:

"Make: Burnham

Model: #ALP399F-1L07"

#### DESCRIPTION OF PROBLEM:

Customer requested to provide a proposal to perform a PM on 4 boilers (prior to annual inspections) and then to also be onsite to assist the boiler inspector

#### DESCRIPTION OF REPAIRS:

Moore's will provide labor and material to perform startup and testing of 4 Burnham boilers. Each boiler will take 1.5 hours to complete the testing of operations, safeties, pumps and performing combustion analysis. Any problems found during this process will be quoted for repair at that time.

12/10/19es-Scheduled for Monday 12/16 with site.

### Problems

Description	Tech	Equip. Desc and Model	Manufacturer	Equip. Serial	Asset ID
QUOTED WORK	JEREMYGRAY	PM for all 4 boilers	Burnham		
QUOTED WORK		Boil 1 M# ALP399F-1L07	Burnham	65174821	

### Tech Notes

Site Start - 12/16/2019 8:00 PM

Site Stop - 12/16/2019 1:00 PM

Arrived on site. Checked in with facilities manager. I performed a PM on all 4 boilers. Started and checked operations. Did a visual inspection all wiring. Accessed controls by computer and digital LED screen. All four boilers fired off up properly. See pictures attached to work order for data. Checked over both Circulating pumps. The circulating pump to the left is making a loud noise. Circulator pump needs to be greased up. I am putting in a quote for lubricating pump. Completed all assigned task for this work order. Clean site. Job incomplete.

Site Start - 11/6/2019 4:00 PM

Site Stop - 11/6/2019 5:00 PM

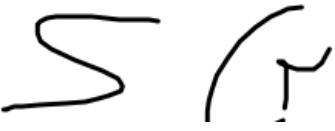
Arrived on site. Checked in with manager on duty. Gathered all data information from all boilers. Pictures are attached in the work order. Clean site. Job incomplete.

### Labor

Date	Technician	Description	Hours
11/6/2019	JEREMIAH GRAY	REGULAR HVACR LABOR	1.00
12/16/2019	JEREMIAH GRAY	REGULAR HVACR LABOR	5.00

### Materials

Date	Part Number	Description	Quantity
11/11/2019	CMISCX-QUOTED GS AMOUNT	QUOTED AMOUNT SUBMITTED FOR THIS GENERAL SERVICE JOB	6.000
11/11/2019	CMISCX-TRUCK CHARGE	TRUCK CHARGE	1.000
11/11/2019	CMISCX-TRIP CHARGE	TRIP CHARGE	1.000

Signed By	Scott	Signature		Date	12/16/2019
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