

## 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# COMO119871

Service Calls - Service Call Number and Description

1. CSS# 21926
2. CSS# \_\_\_\_\_
3. CSS# \_\_\_\_\_

Performed a PM on all 4 Boilers

## CERTIFICATION OF WORK

To be signed by the Contractor:

Print Name: Jeremy Gray Date: 12/16/2019Signed: 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.ANTH Digitally signed by  
GRENIER.SCOTT.ANTHONY.1007219551  
Date: 2019.12.18 08:52:48 -0500  
ONY.1007219551

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



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

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



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



12/2018  
LOW PRESSURE BOILER

MODEL NUMBER: ALP300F-1107

SERIAL NUMBER: 66174887

CERTIFIED BY: BURNHAM HYDRONTECH

MAX. WATER TEMP: 210 °F



MAWP, WATER: 100 PSI

MINIMUM RELIEF VALVE

CAP: 300 MBH OR LB/HR

Certified to:

ANSI Z21.13-2007

ANSI Z21.13A-2008

CSA 4.8-2004

CSA 4.8A-2005



8700608

GAS SUPPLY MAX

PRESSURE MIN

14 IN WC

4 IN WC

MANIFOLD PRESSURE: 0, 18 IN WC

EQUIPPED FOR USE WITH NAT GAS

120V/60HZ INPUT LESS THAN 12 AMPS

USA MAX INPUT: 388 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: 388000 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. M3408-50





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