

# STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 109382

SERIAL # 109382

DATE (M/D/Y) 3 / 10 / 20 17

CRN # \_\_\_\_\_



4407 Martinsburg Pike P: 540-662-3811  
Clear Brook, VA 22624 F: 540-665-8101  
www.reimersinc.com sales@reimersinc.com

## NAMEPLATE RATINGS:

(TO BE COMPLETED BY THE SALES DEPARTMENT)

PART NUMBER RBH20K3F

MODEL RH-20

POWER SUPPLY VOLTAGE 480

CONTROL VOLTAGE 120

PHASE 3

FREQUENCY (HZ) 60

MAX. W.P. 100

KILOWATTS 20

POWER SUPPLY WIRE SIZE 8

(TO BE COMPLETED BY THE ENGINEERING DEPARTMENT)

WIRE DIAGRAM NO.

56.91.101.112.120.131.140.X.160.170.180

REV 5

## TESTING SEQUENCE (TO BE COMPLETED BY THE QUALITY CONTROL MANAGER/CERTIFIED INDIVIDUAL)

### A. HYDROSTATIC TEST OF COMPLETED BOILER:

PSIG 100 PERFORMED BY mm DATE 3-10-17 SATISFACTORY YES ☒ NO ☐

### B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 2352 PERFORMED BY mm DATE 3-10-17 SATISFACTORY YES ☒ NO ☐

### C. SAFETY RELIEF VALVE: MANUFACTURER CONBRACO Model # 29-202A-100

STEAM BOILER ☒

HOT WATER BOILER ☐

MAX. W. P. 100 PSIG (VALVE ASME PLATE)

MAX. W. P. \_\_\_\_\_ PSIG (VALVE ASME PLATE)

CAPACITY 423 PPH (VALVE ASME PLATE)

CAPACITY \_\_\_\_\_ BTU/HR (VALVE ASME PLATE)

SIZE 1/2 IN

SIZE \_\_\_\_\_ IN

REQUIRED CAPACITY (PPH = 3.5 x kW) 70 PPH

REQUIRED CAPACITY (BTU/HR = 3412 x kW) \_\_\_\_\_ BTU/HR

MAX. TEMPERATURE \_\_\_\_\_ °F

OPERATIONAL TEST PERFORMED BY mm DATE 3-10-17 SATISFACTORY YES ☒ NO ☐

### D. HEATING ELEMENT TESTING: AMPS 24.2 VOLTS 480 TOTAL kW 20K

PERFORMED BY mm DATE 3-10-17 SATISFACTORY YES ☒ NO ☐

### E. SAFETY LIMIT CONTROLS (REF: ASME CSD-1, CG-500)

|                      | OPERATIONAL TEST | SETTING   | DATE           | MANUFACTURER   | MFG. MODEL #    | PART#        |
|----------------------|------------------|-----------|----------------|----------------|-----------------|--------------|
| LOW WATER CUTOFF     | PERFORMED BY     | PSI/°F    |                |                |                 |              |
| AUTO RESET           | <u>N/A</u>       | <u>X</u>  |                |                |                 |              |
| MANUAL RESET         | <u>mm</u>        | <u>X</u>  | <u>3-10-17</u> | <u>REIMERS</u> | <u>04316</u>    | <u>04316</u> |
| PRESSURE CONTROLS    |                  |           |                |                |                 |              |
| HIGH LIMIT           | <u>mm</u>        | <u>90</u> | <u>3-10-17</u> | <u>TECMARK</u> | <u>03155-ED</u> | <u>04296</u> |
| OPERATING #1         | <u>mm</u>        | <u>80</u> | <u>3-10-17</u> | <u>TECMARK</u> | <u>03156-EC</u> | <u>04163</u> |
| OPERATING #2         | <u>N/A</u>       |           |                |                |                 |              |
| TEMPERATURE CONTROLS |                  |           |                |                |                 |              |
| HIGH LIMIT           | <u>N/A</u>       |           |                |                |                 |              |
| OPERATING CONTROL    |                  |           |                |                |                 |              |

F. CHECKOUT: CHECKOUT LIST NO. \_\_\_\_\_ SATISFACTORY YES ☐ NO ☐

WO # 36789

Rep. Reimers Electra Steam, INC. (Name) Marshall McFarland

DATE 3-10-17 Signature Marshall McFarland

Rep. Installer Contractor (Name) \_\_\_\_\_

DATE \_\_\_\_\_ Signature \_\_\_\_\_



## Replacement Parts List

Reimers Electra Steam  
4407 Martinsburg Pike  
Clear Brook, VA 22624

Toll Free: 1-800-872-7562  
Phone: 540-662-3811  
Website: [www.reimersinc.com](http://www.reimersinc.com)

Model Number: RBH20K3F

BOILER RBH 20KW 480V 3 PH 100#

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| <u>Part Number</u> | <u>Description</u>                |
|--------------------|-----------------------------------|
| 02530              | CONTACTOR 50A 120V 3P UL/CSA      |
| 20838              | CONTROLLER 04316-EBC-LED          |
| MBJ057             | ELECTRODE FITTING 057 MM/2.25"    |
| MBJ135             | ELECTRODE FITTING 135 MM/5.3"     |
| MBJ147             | ELECTRODE FITTING 147 MM/5.8"     |
| 04166              | ELEMENT 480V 10KW 3P BDIM=18 Y    |
| 04574              | FUSE 250V 3 AMP UL/CSA            |
| 04974              | FUSE 600V 1A CC/UL {transforme    |
| 02281              | GASKET 2.5" SQUARE .0625 THICK    |
| 04569              | GAUGE GLASS .625" X 4.125" PYR    |
| OPT1009-480RBH     | OPT TRANSFORMER .25KVA 480/120    |
| 04163              | PRESSURE CONTROL 60# OPERATING    |
| 04296              | PRESSURE CONTROL 90# HI LIMIT     |
| 04661              | PRESSURE GAUGE 2.0" .25" 0-160    |
| 03693              | PUMP 120V 1PH 8000-812-280 UL/    |
| 20992              | PUMP SUBASSY 03693 120V 1 PH      |
| 21036              | SHURFLO PUMP WITH TERMINAL BOX    |
| 02475              | TRANSFORMER .25KVA B WALL MT48    |
| 02472              | VALVE BALL .25" 200# SWP SB584    |
| 02490              | VALVE BALL .5" 200# SWP           |
| 03346              | VALVE BALL .5" W/LATCH 200 SWP    |
| 02692              | VALVE CHECK .5" BALLCONE SPRIN    |
| 02637              | VALVE SAFETY .5" 100# SWP 1" O    |
| 04761              | VALVE SOLENOID .375" WATER AC     |
| 02396              | WATER GAUGE SET STANDARD SHANK    |
| OPT1019-NH         | WHEEL KIT FOR RB REV3 W/NO HANDLE |