

## STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 139704SERIAL # 139704

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

DATE (M/D/Y) 4 / 24 / 20 24

WIRE DIAGRAM NO. \_\_\_\_\_

REV 5

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 REH20C3FMODEL RH-20POWER SUPPLY VOLTAGE 208CONTROL VOLTAGE 120PHASE 3FREQUENCY (HZ) 60MAX. W.P. 100KILOWATTS 20POWER SUPPLY WIRE SIZE 4

(TO BE COMPLETED BY THE ENGINEERING DEPARTMENT)

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

## A. HYDROSTATIC TEST OF COMPLETED BOILER:

PSIG 100 PERFORMED BY mm DATE 4-24-24 SATISFACTORY YES ☒ NO ☐

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

VOLTS 1200 PERFORMED BY mm DATE 4-24-24 SATISFACTORY YES ☒ NO ☐C. SAFETY RELIEF VALVE: MANUFACTURER CONBRACO Model # 29-202A-100STEAM 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

OPERATIONAL TEST PERFORMED BY mm DATE 4-24-24 SATISFACTORY YES ☒ NO ☐

MAX. TEMPERATURE \_\_\_\_\_ °F

D. HEATING ELEMENT TESTING: AMPS 62.2 VOLTS 208 TOTAL KW 20KPERFORMED BY mm DATE 4-24-24 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>4-24-24</u> | <u>REIMERS</u> | <u>04316</u>    | <u>04316</u> |
| PRESSURE CONTROLS    |                  |           |                |                |                 |              |
| HIGH LIMIT           | <u>mm</u>        | <u>90</u> | <u>4-24-24</u> | <u>TECMARK</u> | <u>03155-ED</u> | <u>04296</u> |
| OPERATING #1         | <u>mm</u>        | <u>80</u> | <u>4-24-24</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 ☐Rep. Reimers Electra Steam, INC. (Name) Marshall McFarlandDATE 4-24-24 Signature Marshall McFarland

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

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



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)

## Replacement Parts List

Model Number: REH20C3F

BOILER REH 20KW 208V 3PH 100#  
SAFETY W/PUMP

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| <u>Part Number</u> | <u>Description</u>             |
|--------------------|--------------------------------|
| 02539              | CONTACTOR 75A 120V 3P DEFINITE |
| MBJ135             | ELECTRODE FITTING 135 MM/5.3"  |
| 04164              | ELEMENT 208V 10KW 3P INCOLOY 8 |
| 02281              | FLANGE GASKET 2.5" SQUARE 1/16 |
| 02655              | FUSE 250V 5A CLASS K5 FAST-ACT |
| 02396              | GAUGE FIXTURE SET .5" NPT BRZ  |
| 05594              | GAUGE GLASS .625" X 4" DURAN H |
| 04163              | PRESSURE CONTROL 60# OPERATING |
| 04296              | PRESSURE CONTROL 90# HI LIMIT  |
| 02299              | PRESSURE GAUGE 2" 0-160# BRZ   |
| 04316-RB           | RELAY SOLID STAE 120V          |
| 03693              | PUMP 1.4GPM 120V 1P            |
| 02692              | VALVE CHECK .5" NPT BRZ 125# W |
| 02637              | VALVE SAFETY .5" NPT BRZ 100#  |
| 05604              | VALVE SOLENOID .375" BRZ 120/6 |
| 21306              | WIRE 8 AWG RIGHT ELEMENT RE    |
| 21307              | WIRE 8 AWG LEFT ELEMENT RE     |
| OPT1009-208RBH     | TRANSFORMER 0.25KVA 208/120V   |
| OPT1019-RE         | WHEEL KIT                      |

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