

# STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 141319

SERIAL # 141319

DATE (M/D/Y) 4 / 17 / 20 25

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 RB20C3A

MODEL R-20

POWER SUPPLY VOLTAGE 208

CONTROL VOLTAGE 120

PHASE 3

FREQUENCY (HZ) 60

MAX. W.P. 100

KILOWATTS 20

POWER SUPPLY WIRE SIZE 4

(TO BE COMPLETED BY THE ENGINEERING DEPARTMENT)

WIRE DIAGRAM NO.

06, 91, 100, 110, 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 15 PERFORMED BY mm DATE 4.17.25 SATISFACTORY YES ☒ NO ☐

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

VOLTS 1200 PERFORMED BY mm DATE 4.17.25 SATISFACTORY YES ☒ NO ☐

### C. SAFETY RELIEF VALVE: MANUFACTURER CONBRACO Model # \_\_\_\_\_

STEAM BOILER ☒

HOT WATER BOILER ☐

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

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

CAPACITY \_\_\_\_\_ PPH (VALVE ASME PLATE)

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

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

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

REQUIRED CAPACITY (PPH = 3.5 x kW) \_\_\_\_\_ PPH

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

MAX. TEMPERATURE \_\_\_\_\_ °F

OPERATIONAL TEST PERFORMED BY mm DATE 4.17.25 SATISFACTORY YES ☒ NO ☐

### D. HEATING ELEMENT TESTING: AMPS 62.8 VOLTS 208 TOTAL KW 20

PERFORMED BY mm DATE 4.17.25 SATISFACTORY YES ☒ NO ☐

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

| LOW WATER CUTOFF            | OPERATIONAL TEST        | SETTING         | DATE           | MANUFACTURER   | MFG. MODEL #    | PART#        |
|-----------------------------|-------------------------|-----------------|----------------|----------------|-----------------|--------------|
| AUTO RESET                  | PERFORMED BY <u>N/A</u> | PSI/°F <u>X</u> |                |                |                 |              |
| MANUAL RESET                | <u>mm</u>               | <u>X</u>        | <u>4.17.25</u> | <u>REIMERS</u> | <u>04316</u>    | <u>04316</u> |
| <b>PRESSURE CONTROLS</b>    |                         |                 |                |                |                 |              |
| HIGH LIMIT                  | <u>mm</u>               | <u>15</u>       | <u>4.17.25</u> | <u>TECMARK</u> | <u>03160-EQ</u> | <u>05077</u> |
| OPERATING #1                | <u>mm</u>               | <u>10</u>       | <u>4.17.25</u> | <u>TECMARK</u> | <u>03160-EP</u> | <u>04162</u> |
| OPERATING #2                | <u>N/A</u>              |                 |                |                |                 |              |
| <b>TEMPERATURE CONTROLS</b> |                         |                 |                |                |                 |              |
| HIGH LIMIT                  | <u>N/A</u>              |                 |                |                |                 |              |
| OPERATING CONTROL           |                         |                 |                |                |                 |              |

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

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

DATE 4.17.25 Signature Marshall McFarland

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

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

449144



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: RB20C3A

**BOILER RB 20KW 208V 3PH 15# SAFETY**

---

| <u>Part Number</u> | <u>Description</u>              |
|--------------------|---------------------------------|
| 02539              | CONTACTOR 75A 120V 3P DEFINITE  |
| 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"   |
| 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  |
| 04162              | PRESSURE CONTROL 5# OPERATING   |
| 05077              | PRESSURE CONTROL 13.5# HI LIMIT |
| 02451              | PRESSURE GAUGE 2" 0-30# BRZ .   |
| 02692              | VALVE CHECK .5" NPT BRZ 125# W  |
| 02010              | VALVE SAFETY .75" NPT BRZ 15#   |
| 05604              | VALVE SOLENOID .375" BRZ 120/6  |
| 21191              | WIRE 8 AWG LEFT ELEMENT RB      |
| 21190              | WIRE 8 AWG RIGHT ELEMENT RB     |

---