

# STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 102774

SERIAL # 102774

DATE (M/D/Y) 10 / 5 / 20 16

WIRE DIAGRAM NO. 04.12.20.50.60.71.80.90.132.175.190 REV 6

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



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## NAMEPLATE RATINGS:

(TO BE COMPLETED BY THE SALES DEPARTMENT)

PART NUMBER RXH80C3F  
MODEL RH-80  
POWER SUPPLY VOLTAGE 208  
CONTROL VOLTAGE 120  
PHASE 3  
FREQUENCY (HZ) 60  
MAX. W.P. 100  
KILOWATTS 80  
POWER SUPPLY WIRE SIZE 350

(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 B. Butts DATE 10/5/16 SATISFACTORY YES ☒ NO ☐

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

VOLTS 1200 PERFORMED BY B. Butts DATE 10/5/16 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) 280 PPH

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

MAX. TEMPERATURE \_\_\_\_\_ °F

OPERATIONAL TEST PERFORMED BY B. Butts

DATE 10/5/16 SATISFACTORY YES ☒ NO ☐

### D. HEATING ELEMENT TESTING: AMPS 222.1 VOLTS 208 TOTAL kW 80

PERFORMED BY B. Butts DATE 10/5/16 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>B. Butts</u>  | <u>X</u>  | <u>10/5/16</u> | <u>REIMERS</u> | <u>04316</u>   | <u>04316</u> |
| PRESSURE CONTROLS    |                  |           |                |                |                |              |
| HIGH LIMIT           | <u>B. Butts</u>  | <u>90</u> | <u>10/5/16</u> | <u>TECMARK</u> | <u>3155-ED</u> | <u>04296</u> |
| OPERATING #1         | <u>B. Butts</u>  | <u>80</u> | <u>10/5/16</u> | <u>TECMARK</u> | <u>3156-EC</u> | <u>04163</u> |
| OPERATING #2         | <u>B. Butts</u>  | <u>75</u> | <u>10/5/16</u> | <u>TECMARK</u> | <u>3156-EC</u> | <u>04163</u> |
| TEMPERATURE CONTROLS |                  |           |                |                |                |              |
| HIGH LIMIT           |                  |           |                |                |                |              |
| OPERATING CONTROL    |                  |           |                |                |                |              |

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

Rep. Reimers Electra Steam, INC. (Name) BRAD BUTTS

DATE 10/5/16 Signature Brad Butts

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

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



## Replacement Parts List

Model Number: RXH80C3F

BOILER RH 80 208V 3PH 100# SAF

Reimers Electra Steam  
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| <u>Part Number</u> | <u>Description</u>             |
|--------------------|--------------------------------|
| OPT1016-R80B       | AUTOMATIC FLUSH & DRAIN 120V R |
| 20686              | AUTOMATIC FLUSH SUBASY         |
| 05010              | CLAMP FOR PROCON PUMP MODEL #1 |
| 03445              | CONTACTOR 35A 120V 2P UL/CSA   |
| 02539              | CONTACTOR 75A 120V 3P UL/CSA   |
| 20838              | CONTROLLER 04316-EBC-LED       |
| MBJ175             | ELECTRODE FITTING .125" NPT 6. |
| MBJ057             | ELECTRODE FITTING 057 MM/2.25" |
| MBJ187             | ELECTRODE FITTING 187 MM/7.375 |
| 02600              | ELEMENT 208V 20KW 3PH. SS 304  |
| 02022              | FLANGE GASKET 2" RING          |
| 02125              | FUSE 250V 15A UL/CSA           |
| 02655              | FUSE 250V 5A UL/CSA            |
| 05329              | FUSE 250V 70A K5 UL/CSA        |
| 02420              | GAUGE GLASS 5.875"X.625" PYREX |
| 05009              | MOTOR PROCON MODEL 806 1/3HP 1 |
| 04163              | PRESSURE CONTROL 60# OPERATING |
| 04296              | PRESSURE CONTROL 90# HI LIMIT  |
| 02329              | PRESSURE GAUGE 2.5" 160#MT23   |
| 21031              | PUMP 05008+02301 ASSY REV. 2 R |
| 05008              | PUMP PROCON MODEL 101A140F12BB |
| 04213              | SWITCH ILLUMINATED RED W/WHITE |
| 02472              | VALVE BALL .25" 200# SWP SB584 |
| 02490              | VALVE BALL .5" 200# SWP        |
| 03219              | VALVE BALL .75" 200# SWP SB584 |
| 02515              | VALVE BALL 1" 200 SWP SB584 C8 |
| 02462              | VALVE CHECK .5" 125# SWP SWING |
| 02692              | VALVE CHECK .5" BALLCONE SPRIN |
| 02637              | VALVE SAFETY .5" 100# SWP 1" O |
| 02301              | VALVE SOLENOID .5" 60 HZ WATE  |
| 02396              | WATER GAUGE SET STANDARD SHANK |