

# STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 139887

SERIAL # 139887

DATE (M/D/Y) 5 / 5 / 20 25

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

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

REV 5



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## NAMEPLATE RATINGS:

(TO BE COMPLETED BY THE SALES DEPARTMENT)

PART NUMBER REH30K3F

MODEL RH-30

POWER SUPPLY VOLTAGE 480

CONTROL VOLTAGE 120

PHASE 3

FREQUENCY (HZ) 60

MAX. W.P. 100

KILOWATTS 30

POWER SUPPLY WIRE SIZE 8

(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 5-5-25 SATISFACTORY YES ☒ NO ☐

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

VOLTS 2352 PERFORMED BY mm DATE 5-5-25 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) 105 PPH

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

MAX. TEMPERATURE \_\_\_\_\_ °F

OPERATIONAL TEST PERFORMED BY mm DATE 5-5-25 SATISFACTORY YES ☒ NO ☐

### D. HEATING ELEMENT TESTING: AMPS 35.9 VOLTS 480 TOTAL kW 30K

PERFORMED BY mm DATE 5-5-25 SATISFACTORY YES ☒ NO ☐

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

|                             | OPERATIONAL TEST | SETTING   |               | MANUFACTURER   | MFG. MODEL #    | PART#        |
|-----------------------------|------------------|-----------|---------------|----------------|-----------------|--------------|
| LOW WATER CUTOFF            | PERFORMED BY     | PSI/°F    | DATE          |                |                 |              |
| AUTO RESET                  | <u>N/A</u>       | <u>X</u>  |               |                |                 |              |
| MANUAL RESET                | <u>mm</u>        | <u>X</u>  | <u>5-5-25</u> | <u>REIMERS</u> | <u>04316</u>    | <u>04316</u> |
| <b>PRESSURE CONTROLS</b>    |                  |           |               |                |                 |              |
| HIGH LIMIT                  | <u>mm</u>        | <u>90</u> | <u>5-5-25</u> | <u>TECMARK</u> | <u>03155-ED</u> | <u>04296</u> |
| OPERATING #1                | <u>mm</u>        | <u>80</u> | <u>5-5-25</u> | <u>TECMARK</u> | <u>03156-EC</u> | <u>04163</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 5-5-25 Signature Marshall McFarland

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

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



Reimers Electra Steam  
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## Replacement Parts List

Model Number: REH30K3F

BOILER REH 30KW 480V 3PH 100#

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| <u>Part Number</u> | <u>Description</u>                         |
|--------------------|--------------------------------------------|
| 02530              | CONTACTOR 50A 120V 3P DEFINITE             |
| MBJ135             | ELECTRODE FITTING 135 MM/5.3"              |
| 04666              | ELEMENT 480V 15KW 3P INCOLOY 8             |
| 02281              | FLANGE GASKET 2.5" SQUARE 1/16             |
| 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 STATE 120V 30A 1P              |
| 20592              | RESET SWITCH & WIRE TO RELAY J J,JG BOILER |
| 21036              | SHURFLO PUMP WITH TERMINAL BOX             |
| 02692              | VALVE CHECK .5" NPT BRZ 125# W             |
| 02637              | VALVE SAFETY .5" NPT BRZ 100#              |
| 05604              | VALVE SOLENOID .375" BRZ 120/6             |
| 21308              | WIRE 10 AWG RIGHT ELEMENT RE               |
| 21309              | WIRE 10 AWG LEFT ELEMENT RE                |

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