

# STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 109385

SERIAL # 109385

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

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



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## NAMEPLATE RATINGS:

(TO BE COMPLETED BY THE SALES DEPARTMENT)

PART NUMBER RBH20E1F  
MODEL RH-20  
POWER SUPPLY VOLTAGE 240  
CONTROL VOLTAGE 120  
PHASE 1  
FREQUENCY (HZ) 60  
MAX. W.P. 100  
KILOWATTS 20  
POWER SUPPLY WIRE SIZE 2

(TO BE COMPLETED BY THE ENGINEERING DEPARTMENT)

## WIRE DIAGRAM NO.

26, 91, 101, 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 100 PERFORMED BY mm DATE 3-17-17 SATISFACTORY YES ☒ NO ☐

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

VOLTS 1200 PERFORMED BY mm DATE 3-17-17 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 3-17-17 SATISFACTORY YES ☒ NO ☐

### D. HEATING ELEMENT TESTING: AMPS 80.5 VOLTS 240 TOTAL KW 20K

PERFORMED BY mm DATE 3-17-17 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>3-17-17</u>	<u>REIMERS</u>	<u>04316</u>	<u>04316</u>
PRESSURE CONTROLS						
HIGH LIMIT	<u>mm</u>	<u>90</u>	<u>3-17-17</u>	<u>TECMARK</u>	<u>03155-ED</u>	<u>04296</u>
OPERATING #1	<u>mm</u>	<u>80</u>	<u>3-17-17</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 # 36843

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

DATE 3-17-17 Signature Marshall McFarland

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

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