

STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 139686

SERIAL # 139686

DATE (M/D/Y) 9 / 19 / 20 24

WIRE DIAGRAM NO. _____

REV 5

CRN # _____



4407 Martinsburg Pike P: 540-662-3811
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NAMEPLATE RATINGS:

(TO BE COMPLETED BY THE SALES DEPARTMENT)

PART NUMBER REH30E1F

MODEL RH-30

POWER SUPPLY VOLTAGE 240

CONTROL VOLTAGE 120

PHASE 1

FREQUENCY (HZ) 60

MAX. W.P. 100

KILOWATTS 30

POWER SUPPLY WIRE SIZE 2/0

(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 9-19-24 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 1200 PERFORMED BY mm DATE 9-19-24 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 9-19-24 SATISFACTORY YES ☒ NO ☐

D. HEATING ELEMENT TESTING: AMPS 117.6 VOLTS 240 TOTAL kW 30KW

PERFORMED BY mm DATE 9-19-24 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>9-19-24</u>	<u>REIMERS</u>	<u>04316</u>	<u>04316</u>	
PRESSURE CONTROLS							
HIGH LIMIT	<u>mm</u>	<u>90</u>	<u>9-19-24</u>	<u>TECMARK</u>	<u>03155-ED</u>	<u>04296</u>	
OPERATING #1	<u>mm</u>	<u>80</u>	<u>9-19-24</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 McFarland

DATE 9-19-24 Signature Marshall McFarland

Rep. Installer Contractor (Name) _____

DATE _____ Signature _____



Reimers Electra Steam
4407 Martinsburg Pike
Clear Brook, VA 22624

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Replacement Parts List

Model Number: REH30E1F

BOILER REH 30KW 240V 1PH 100#
SAFETY W/PUMP

<u>Part Number</u>	<u>Description</u>
02622	BLOCK PWR DIST 2-2/0AWG 2 POLE
02530	CONTACTOR 50A 120V 3P DEFINITE
MBJ135	ELECTRODE FITTING 135 MM/5.3"
04253	ELEMENT 240V 15KW 3P INCOLOY 8
02281	FLANGE GASKET 2.5" SQUARE 1/16
02655	FUSE 250V 5A CLASS K5 FAST-ACT
04705	FUSE 300V 50A CLASS T FAST-ACT
02396	GAUGE FIXTURE SET .5" NPT BRZ
05594	GAUGE GLASS .625" X 4" DURAN H
OPT1008-RE	OPTIONAL INSTALLED SINGLE PHAS
04163	PRESSURE CONTROL 60# OPERATING
04296	PRESSURE CONTROL 90# HI LIMIT
04661	PRESSURE GAUGE 2" 0-160# BRZ .
03693	PUMP 1.4 GPM 120V 1P
04316-RB	RELAY SOLID STATE 120V
02692	VALVE CHECK .5" NPT BRZ 125# W
02637	VALVE SAFETY .5" NPT BRZ 100#
05604	VALVE SOLENOID .375" BRZ 120/6
21307	WIRE 8 AWG LEFT ELEMENT RB
21306	WIRE 8 AWG RIGHT ELEMENT RB
21209	WIRE CONTACTOR TO PD BLOCK RB
