

STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 112212

SERIAL # 112212

DATE (M/D/Y) 12/13/2017

CRN # _____



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

(TO BE COMPLETED BY THE SALES DEPARTMENT)

PART NUMBER RXH80K3F
MODEL RH-80
POWER SUPPLY VOLTAGE 480
CONTROL VOLTAGE 120
PHASE 3
FREQUENCY (HZ) 60
MAX. W.P. 100
KILOWATTS 45
POWER SUPPLY WIRE SIZE 1

(TO BE COMPLETED BY THE ENGINEERING DEPARTMENT)

WIRE DIAGRAM NO.

04,15,20,50,60,71,X,90,136,175,190

REV 7

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 12/13/17 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 2352 PERFORMED BY B. Butts DATE 12/13/17 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) 280 PPH

REQUIRED CAPACITY (BTU/HR = 3412 x kW) _____ BTU/HR

MAX. TEMPERATURE _____ °F

OPERATIONAL TEST PERFORMED BY B. Butts DATE 12/13/17 SATISFACTORY YES ☒ NO ☐

D. HEATING ELEMENT TESTING: AMPS 95.2 VOLTS 480 TOTAL KW 80

PERFORMED BY B. Butts DATE 12/13/17 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>B. Butts</u>	<u>X</u>	<u>12/13/17</u>	<u>REIMERS</u>	<u>04316</u>	<u>04316</u>
PRESSURE CONTROLS						
HIGH LIMIT	<u>B. Butts</u>	<u>90</u>	<u>12/13/17</u>	<u>TECMARK</u>	<u>3155-ED</u>	<u>04296</u>
OPERATING #1	<u>B. Butts</u>	<u>80</u>	<u>12/13/17</u>	<u>TECMARK</u>	<u>3156-EC</u>	<u>04163</u>
OPERATING #2	<u>B. Butts</u>	<u>75</u>	<u>12/13/17</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 ☐

WO# 38675

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

DATE 12/13/17 Signature Brad Butts

Rep. Installer Contractor (Name) _____

DATE _____ Signature _____



Replacement Parts List

Reimers Electra Steam
4407 Martinsburg Pike
Clear Brook, VA 22624

Toll Free: 1-800-872-7562
Phone: 540-662-3811
Website: www.reimersinc.com

Model Number: RXH80K3F
BOILER RH 80 480V 3PH 100# SAF

<u>Part Number</u>	<u>Description</u>
02616	BLOCK POWER DISTRIBUTION 3-2/0
05010	CLAMP FOR PROCON PUMP MODEL #1
03445	CONTACTOR 35A 120V 2P UL/CSA
02530	CONTACTOR 50A 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
02602	ELEMENT 480V 20KW 3P STRAP Y S
02022	FLANGE GASKET 2" RING
02125	FUSE 250V 15A UL/CSA
02655	FUSE 250V 5A UL/CSA
02134	FUSE 600V 30A 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 SB584
03802	VALVE BALL .75" W/LATCH 200# W
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