

CRN# _____

NATL.BD# 104440SERIAL# 104440
Reimers®
 Electra Steam, Inc.

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 Clear Brook, VA 22624 F: 540-665-8101
 www.reimersinc.com sales@reimersinc.com
NAMEPLATE RATINGS:
 PART NUMBER RBH20E3F
 MODEL RH-20
 POWER SUPPLY WIRE SIZE 6
 POWER VOLTS 240
 CONTROL VOLT 120
 PHASE 3
 HZ 60
 MAX. W.P. 100
 KILOWATTS 20
**CERTIFICATION & REPORTING (CG-500) CSD-1
 OPERATIONAL TEST/ELECTRIC AND STEAM**
DATE (M/D/Y) 5/10/2016UL FILE # E39545WIRING DIAGRAM # 16, 91, 101, 110, 120, 131, 140, X, REV 5
160, 170, 180DIELECTRIC VOLTAGE- WITHSTAND
TEST: (IAW U.L. 834)VOLTS 1200 SAT ☒ UNSAT ☐
PERFORMED BY BSB DATE 5/10/16HYDRO TEST OF
COMPLETE BOILERP.S.I.G. 100
PERFORMED BY OC
DATE 5/10/16**HEATING ELEMENT TEST**VOLTS 240 AMPS 45.5TOTAL WATT 20K**CHECKOUT**

1. APPEARANCE ☒
2. BLOWDOWN MAN ☒ AUTO N/A
3. TRANSFORMER N/A
4. CONDENSATE TANK N/A
5. CONTROLS ☒
6. FEED WATER VALVES ☒
7. INSTRUCTION MANUAL ☒
8. LEAK INSPECTION ☒
9. PAINT ☒
10. PANEL ☒
11. PIPES ☒
12. SHEET METAL ☒
13. STEAM VALVE ☒
14. STEAM GAUGE ☒
15. STRAINER ☒
16. CHECK TORQUE ON TERMINAL STRIPS,
CONTACTORS AND FUSE BLOCKS ☒
17. WARNING LABELS ☒
18. WATER GAUGE FITTINGS ☒
19. WIRE TERMINALS TIGHT ☒
20. WIRING DIA. ☒
21. ELEMENT QTY. 2
22. ELEMENT VOLT/KW 240/20
23. NAMEPLATE ☒
24. JURISDICTION = VA
25. FUEL = ELECTRIC

SAFETY LIMIT CONTROLS (REF: ASME CSD-1, CG-500)**SAFETY RELIEF VALVE**OPERATIONAL TEST PERFORMED ☒DATE 5/10/16MANUFACTURER CONBRACOModel # 29-202A-100STEAM 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

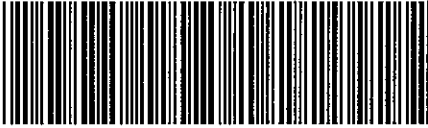
	OPERATIONAL TEST	SETTING
LOW WATER CUTOFF	PERFORMED BY	PSI/°F
AUTO RESET	<u>N/A</u>	X
MANUAL RESET	<u>B. Butts</u>	X
PRESSURE CONTROLS		
HIGH LIMIT	<u>B. Butts</u>	90
OPERATING #1	<u>B. Butts</u>	80
OPERATING #2	<u>N/A</u>	
TEMPERATURE CONTROLS		
HIGH LIMIT	<u>N/A</u>	
OPERATING CONTROL		

DATE	MANUFACTURER	MODEL #	PART#
<u>5/10/16</u>	<u>REIMERS</u>	<u>04316</u>	<u>04316</u>
<u>5/10/16</u>	<u>TECMARK</u>	<u>3155-ED</u>	<u>04296</u>
<u>5/10/16</u>	<u>TECMARK</u>	<u>3156-EC</u>	<u>04163</u>

Representing Reimers Electra Steam, INC. (Name) BRAD BUTTSDATE 5/10/16 Signature Brad Butts

Representing Installer Contractor (Name) _____

DATE _____ Signature _____



0034436

Page: 1

Work Order Traveler

SCHEDULED START: 04/27/16

0034436

DUE DATE: 04/28/16

ITEM NUMBER: **RBH20E3F**QUANTITY: **1.00**DESCRIPTION: **BOILER RBH 20KW 240V 3 PH 100#**

UNIT OF MEASUREMENT: EA

REVISION: 003

OPTION CODE:

MAKE FOR: I/M

PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	04701	CARTON RB 30W 35L 28.75H SLOT			
1	02539	CONTACTOR 75A 120V 3P UL/CSA			
1	20838	CONTROLLER 04316-EBC-LED			
1	20775-11	COVER ELEMENT TERMINALS RB REV			
1	20775-7	COVER RIGHT ELEC BOX RB REV3			
1	20848	DISC, ORF-30 30KW STEAM ORIFIC			
2	04165	ELEMENT 240V 10KW 3PH B-DIM.=1			
1	02655	FUSE 250V 5A UL/CSA			
1	20840	MANIFOLD FEED WATER SUBASSY RB			
1	04661	PRESSURE GAUGE 2.0" .25" 0-160			
1	20992	PUMP SUBASSY 03693 120V 1 PH			
1	RB30-SUBAS	SUBASSEMBLY RB 10 THRU 30 BOIL			
6	04080	TERMINAL RING FOR # 8 AWG WIR			
1	02490	VALVE BALL .5" 200# SWP			
1	03346	VALVE BALL .5" W/LATCH 200 SWP			
1	02637	VALVE SAFETY .5" 100# SWP 1" O			
10	04440	WIRE #8 PTFE INS. W/GLASS SLEE			

BSB 5/10/16