

CRN# _____

NATL.BD# 103532SERIAL# 103532**Reimers**
Electra Steam, Inc.4407 Martinsburg Pike
Clear Brook, VA 22624
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NAMEPLATE RATINGS:

PART NUMBER RBH30C3FMODEL RH-30POWER SUPPLY WIRE SIZE 2POWER VOLTS 208CONTROL VOLT 120PHASE 3HZ 60MAX. W.P. 100KILOWATTS 30CERTIFICATION & REPORTING (CG-500) CSD-1
OPERATIONAL TEST/ELECTRIC AND STEAMDATE (M/D/Y) 2/26/2016UL FILE # E39545WIRING DIAGRAM # 08.91.101.110.122.131.140.X, REV 5
160.170.180

DIELECTRIC VOLTAGE- WITHSTAND

TEST: (IAW U.L. 834)

VOLTS 1200 SAT ☒ UNSAT ☐PERFORMED BY BSS DATE 2/26/16HYDRO TEST OF
COMPLETE BOILERP.S.I.G. 100PERFORMED BY OC
DATE 2/26/16

HEATING ELEMENT TEST

VOLTS 208AMPS 83.3TOTAL WATT 30K TEST 240 V 96.5A

CHECKOUT

1. APPEARANCE ☒
2. BLOWDOWN MAN N/A AUTO ☒
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 208/15
23. NAMEPLATE ☒
24. JURISDICTION = VA
25. FUEL = ELECTRIC

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

SAFETY RELIEF VALVE

OPERATIONAL TEST PERFORMED ☒DATE BSSMANUFACTURER 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

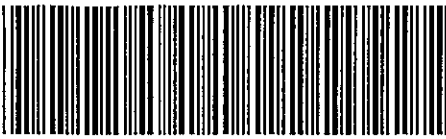
MAX. TEMPERATURE _____ °F

	OPERATIONAL TEST	SETTING				
LOW WATER CUTOFF	PERFORMED BY	PSI/°F	DATE	MANUFACTURER	MODEL #	PART#
AUTO RESET	<u>N/A</u>	<u>X</u>				
MANUAL RESET	<u>B. Butts</u>	<u>X</u>	<u>2/26/16</u>	REIMERS	04316	04316
PRESSURE CONTROLS						
HIGH LIMIT	<u>B. Butts</u>	<u>90</u>	<u>2/26/16</u>	TECMARK	3155-ED	04296
OPERATING #1	<u>B. Butts</u>	<u>80</u>	<u>2/26/16</u>	TECMARK	3156-EC	04163
OPERATING #2	<u>N/A</u>					
TEMPERATURE CONTROLS						
HIGH LIMIT	<u>N/A</u>					
OPERATING CONTROL						

Representing Reimers Electra Steam, INC. (Name) BRAD BUTTSDATE 2/26/16 Signature Brad Butts

Representing Installer Contractor (Name) _____

DATE _____ Signature _____



0033664

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Work Order Traveler

SCHEDULED START: 02/03/16

DUE DATE: 02/10/16

QUANTITY: 4.00

UNIT OF MEASUREMENT: EA

0033664

ITEM NUMBER: RBH30C3F

DESCRIPTION: BOILER RBH 30KW 208V 3PH 100#

REVISION: 003

OPTION CODE:

MAKE FOR: I/M

PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
4	02616	BLOCK POWER DISTRIBUTION 3-2/0			
4	04701	CARTON RB 30W 35L 28.75H SLOT			
8	02530	CONTACTOR 50A 120V 3P UL/CSA			
4	20838	CONTROLLER 04316-EBC-LED			
4	20775-11	COVER ELEMENT TERMINALS RB REV			
4	20775-7	COVER RIGHT ELEC BOX RB REV3			
4	20848	DISC, ORF-30 30KW STEAM ORIFIC			OPT1016-RB
8	04277	ELEMENT 208V 15KW 3PH B-DIM=18			
4	02655	FUSE 250V 5A UL/CSA			
4	20840	MANIFOLD FEED WATER SUBASSY RB			
4	20775-13	POWER CABINET FOR 2-PH RB BOIL			
4	04163	PRESSURE CONTROL 60# OPERATING <u>BSB 2/24/16</u>			
4	04296	PRESSURE CONTROL 90# HI LIMIT <u>BSB 2/24/16</u>			
4	04661	PRESSURE GAUGE 2.0" .25" 0-160			
4	20992	PUMP SUBASSY 03693 120V 1 PH			
4	RB30-SUBAS	SUBASSEMBLY RB 10 THRU 30 BOIL			
24	04080	TERMINAL RING FOR # 8 AWG WIR			
4	02490	VALVE BALL .5" 200# SWP			
4	03346	VALVE BALL .5" W/LATCH 200 SWP			
4	02637	VALVE SAFETY .5" 100# SWP 1" O <u>BSB 2/24/16</u>			
52	04440	WIRE #8 PTFE INS. W/GLASS SLEE			