

CRN# _____

NATL.BD# 22836SERIAL# 74823**Reimers**
Electra Steam, Inc.

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NAMEPLATE RATINGS:PART NUMBER RBH30K3FMODEL RH-30POWER SUPPLY WIRE SIZE 8POWER VOLTS 480CONTROL VOLT 120PHASE 3HZ 60MAX. W.P. 100KILOWATTS 30**CERTIFICATION & REPORTING (CG-500) CSD-1
OPERATIONAL TEST/ELECTRIC AND STEAM**DATE (M/D/Y) 8 / 7 / 20 15UL FILE # E39545WIRING DIAGRAM # 58, 91, 101, 112, 120, 131, 140 REV 5
X 160, 170, 180**DIELECTRIC VOLTAGE- WITHSTAND**

TEST: (IAW U.L. 834)

VOLTS 2350 SAT ☒ UNSAT _____PERFORMED BY DC DATE 8/7/15**HYDRO TEST OF
COMPLETE BOILER**P.S.I.G. 100PERFORMED BY DCDATE 8/7/15**HEATING ELEMENT TEST**VOLTS 480AMPS 35.4TOTAL WATT 30K**CHECKOUT**

1. APPEARANCE _____
2. BLOWDOWN MAN _____ AUTO _____
3. TRANSFORMER _____
4. CONDENSATE TANK _____
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. _____
22. ELEMENT VOLT/KW _____
23. NAMEPLATE _____
24. JURISDICTION = VA
25. FUEL = ELECTRIC

SAFETY LIMIT CONTROLS (REF: ASME CSD-1, CG-500)**SAFETY RELIEF VALVE**OPERATIONAL TEST PERFORMED DCDATE 8/7/15MANUFACTURER CONBRACOModel # 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		SETTING	DATE	MANUFACTURER	MODEL #	PART#
LOW WATER CUTOFF	PERFORMED BY	PSI/°F				
AUTO RESET	<u>N/A</u>	<u>X</u>	<u>8/7/15</u>	<u>REIMERS</u>	<u>04316</u>	<u>04316</u>
MANUAL RESET	<u>DC</u>	<u>X</u>				
PRESSURE CONTROLS						
HIGH LIMIT	<u>DC</u>	<u>90</u>	<u>8/7/15</u>	<u>TECMARK</u>	<u>3155-ED</u>	<u>04296</u>
OPERATING #1	<u>DC</u>	<u>60</u>	<u>8/7/15</u>	<u>TECMARK</u>	<u>3156-EC</u>	<u>04163</u>
OPERATING #2	<u>N/A</u>					
TEMPERATURE CONTROLS						
HIGH LIMIT	<u>N/A</u>					
OPERATING CONTROL						

Representing Reimers Electra Steam, INC. (Name) Dennis R. CoffDATE 8/7/15 Signature [Signature]

Representing Installer Contractor (Name) _____

DATE _____ Signature _____



0031959

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Work Order Traveler

SCHEDULED START: 07/28/15

0031959

DUE DATE: **07/29/15**ITEM NUMBER: **RBH30K3F**QUANTITY: **1.00**DESCRIPTION: **BOILER RBH 30KW 480V 3PH 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	10	04278	WIRE #10 TGGT PTFE INS. W/GLAS
1	02254	CONNECTOR .375" 2 SCREW NEER	2	04789	WIRE SADDLE NYLON LOCKING
1	02530	CONTACTOR 50A 120V 3P UL/CSA			
1	20838	CONTROLLER 04316-EBC-LED			
1	04781	COUPLING .5" BRASS B16.15 125			
1	20775-11	COVER ELEMENT TERMINALS RB REV			
1	20775-7	COVER RIGHT ELEC BOX RB REV3			
1	04229	DECAL SHEET			
1	04813	DINCONNECTOR/CORD FOR RB BOILE			
1	03923	ELBOW .5" TUBE X .375" NPT SB			
2	04666	ELEMENT 480V 15KW 3P BDIM 18.5			
-2	20598	FLANGE BLIND 2.5" SQ. 4 BOLT			
1	02655	FUSE 250V 5A UL/CSA			
-2	02281-TOPOG	E GASKET 2.5" X .125" t TOPOG-E			
1	20862	LABEL MAX. TORQUE 40. LB IN /0			
1	20860	LABEL MAX. TORQUE 7.0 LB IN /0			
1	04301	LABEL NAMEPLATE UL/CSA 3.48 X			
2	03077	LOCKWASHER .25" STEEL HELICAL			
1	20840	MANIFOLD FEED WATER SUBASSY RB			
1	04668	NIPPLE .25" X 1.125" BRASS SCH			
1	04787	NUT .25-20 WING ZINC PLATED			
2	01351	NUT .25-20HEX JAM PLATE			
2	04163	PRESSURE CONTROL 60# OPERATING			
1	04296	PRESSURE CONTROL 90# HI LIMIT			
1	20842	PRESSURE CONTROL MANIFOLD RB R			
1	04661	PRESSURE GAUGE 2.0" .25" 0-160			
1	20775-9	PUMP BASE MOUNTING BRACKET			
1	20992	PUMP SUBASSY 03693 120V 1 PH			
1	03344	RECEPTACLE CONN. MALE "AMPHENO			
1	03345	RECEPTACLE FEMALE "AMPHENOL"			
1	04593	SCREW .25-20 X .75 HEX CAP PLA			
1	04760	SCREW 1/4"-20 X .75" PAN HEAD			
8	01291	SCREW 8-32X.25RNDHD SLT MCH ZI			
6	01246	SCREW 8-32X.375RDHD MCH PLT SL			
1	04731	STUD PRESS-IN THREADED .25"-20			
1	RB30-SUBASSY	SUBASSEMBLY RB 10 THRU 30 BOIL			
6	04080	TERMINAL RING FOR # 8 AWG WIR			
6	02741	TERMINAL RING 10-12WIRE #10STU			
1	03818	TICKET HOLDER FOR SHOP CLEAR F			
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			

OPT1009-480RBH

OC 8/7/15
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