

CRN# _____

NATL.BD# 72639 72843SERIAL# 74830 711626
Reimers®
 Electra Steam, Inc.

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 Clear Brook, VA 22624
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NAMEPLATE RATINGS:

 PART NUMBER RB30K3A
 MODEL R-30
 POWER SUPPLY WIRE SIZE 8
 POWER VOLTS 480
 CONTROL VOLT 120
 PHASE 3
 HZ 60
 MAX. W.P. 100
 KILOWATTS 30
**CERTIFICATION & REPORTING (CG-500) CSD-1
 OPERATIONAL TEST/ELECTRIC AND STEAM**
DATE (M/D/Y) 6/24/2015UL FILE # E39545WIRING DIAGRAM # 58, 91, 100, 110, 120, 131, 140 REV 5
X 160, 170, 180
 DIELECTRIC VOLTAGE- WITHSTAND
 TEST: (IAW U.L. 834)

 VOLTS 2350 SAT ✓ UNSAT _____
 PERFORMED BY OC DATE 6/24/15

 HYDRO TEST OF
 COMPLETE BOILER

 P.S.I.G. 15
 PERFORMED BY OC
 DATE 6/24/15

HEATING ELEMENT TEST

 VOLTS 480 AMPS 35.3
 TOTAL 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. 2
22. ELEMENT VOLT/KW 480 15
23. NAMEPLATE ✓
24. JURISDICTION = VA
25. FUEL = ELECTRIC

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

SAFETY RELIEF VALVE

OPERATIONAL TEST PERFORMED OCDATE 6/24/15MANUFACTURER CONBRACOModel # L9-KEOA-15BITSTEAM BOILER ☒HOT WATER BOILER ☐MAX. W. P. 15 PSIG (VALVE ASME PLATE)

MAX. W. P. _____ PSIG (VALVE ASME PLATE)

CAPACITY 310 PPH (VALVE ASME PLATE)

CAPACITY _____ BTU/HR (VALVE ASME PLATE)

SIZE 3/4 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	N/A	X				
MANUAL RESET	<u>OC</u>	X	<u>6/24/15</u>	REIMERS	04316	04316
PRESSURE CONTROLS						
HIGH LIMIT	<u>OC</u>	<u>15</u>	<u>6/24/15</u>	TECMARK	<u>3160EQ</u>	<u>05077</u>
OPERATING #1	<u>OC</u>	<u>10</u>	<u>6/24/15</u>	TECMARK	<u>3160EP</u>	<u>04162</u>
OPERATING #2	N/A					
TEMPERATURE CONTROLS						
HIGH LIMIT	N/A					
OPERATING CONTROL						

Representing Reimers Electra Steam, INC. (Name) Dan E. CoffDATE 6/24/15 Signature [Signature]

Representing Installer Contractor (Name) _____

DATE _____ Signature _____



0031151

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Work Order Traveler

SCHEDULED START: 05/14/15

0031151

DUE DATE: 05/14/15

ITEM NUMBER: **RB30K3A**
DESCRIPTION: **BOILER RB 30KW 480V 3PH 15# SA**
REVISION: 003
OPTION CODE:

QUANTITY: **1.00**
UNIT OF MEASUREMENT: EA

MAKE FOR: I/M
PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	20654	BRACKET SOLENOID VALVE	6	04080	TERMINAL RING FOR # 8 AWG WIR
1	04462	BUSHING .375 X .25 BRASS SB16	6	02741	TERMINAL RING 10-12WIRE #10STU
-1	03945	BUSHING .75 X .5 BRASS (PARKER	1	03818	TICKET HOLDER FOR SHOP CLEAR F
1	04701	CARTON RB 30W 35L 28.75H SLOT	1	02490	VALVE BALL .5" 200# SWP
1	02254	CONNECTOR .375" 2 SCREW NEER	1	03346	VALVE BALL .5" W/LATCH 200 SWP
1	02530	CONTACTOR 50A 120V 3P UL/CSA	1	02010	VALVE SAFETY .75" 15# SWP 1" O
1	20838	CONTROLLER 04316-EBC-LED	1	04761	VALVE SOLENOID .375" 120V WATE
1	04786	COUPLING FULL .75" BRASS B 16.	10	04278	WIRE #10 TGGT PTFE INS. W/GLAS
1	20775-11	COVER ELEMENT TERMINALS RB REV	2	04789	WIRE SADDLE NYLON LOCKING
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	GASKET 2.5" X .125" 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			
2	03948	NIPPLE .375 X CLOSE BRASS (PAR			
-1	03949	NIPPLE .5 X CLOSE BRASS SCH 40			
1	04777	NIPPLE .75" X 2" BRASS ASTM B4			
1	04787	NUT .25-20 WING ZINC PLATED			
2	01351	NUT .25-20HEX JAM PLATE			
1	05077	PRESSURE CONTROL 13.5# HIGH LI			
1	04162	PRESSURE CONTROL 5# OPERATING			
1	20842	PRESSURE CONTROL MANIFOLD RB R			
1	02451	PRESSURE GAUGE 2.5" 0-30#			
1	20775-9	PUMP BASE MOUNTING BRACKET			
1	20775-8	PUMP BASE SOL VAL. RB REV3			
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.25RDHD SLT MCH ZI			
10	01246	SCREW 8-32X.375RDHD MCH PLT SL			
-2	04811	SPRING DISC .328" ID X .687" O			
1	03262	STRAINER .375" Y SB-584 C844			
1	04731	STUD PRESS-IN THREADED .25"-20			
1	RB30-SUBAS	SUBASSEMBLY RB 10 THRU 30 BOIL			