

CRN# _____

NATL.BD# 72209SERIAL# 74191
Reimers®
 Electra Steam, Inc.

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 Clear Brook, VA 22624
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NAMEPLATE RATINGS:

 PART NUMBER RBH30C3F
 MODEL RH-30
 POWER SUPPLY WIRE SIZE _____
 POWER VOLTS 208
 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) 11 / 19 / 20 14UL FILE # E39545WIRING DIAGRAM # 08 91, 101, 110, 122, 131 REV 5
140, X 160, 170, 180
 DIELECTRIC VOLTAGE- WITHSTAND
 TEST: (IAW U.L. 834)

 VOLTS 1200 SAT ☒ UNSAT ☐
 PERFORMED BY DC DATE 11/19/14

 HYDRO TEST OF
 COMPLETE BOILER

 P.S.I.G. 100
 PERFORMED BY DC
 DATE 11/19/14

HEATING ELEMENT TEST

 VOLTS 208 AMPS 94.4
 TOTAL WATT 30K Amps TESTED ON
CHECKOUT 240V

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 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 DCDATE 11/19/14MANUFACTURER 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>	<u>X</u>
MANUAL RESET	<u>DC</u>	<u>X</u>
PRESSURE CONTROLS		
HIGH LIMIT	<u>DC</u>	<u>90</u>
OPERATING #1	<u>DC</u>	<u>60</u>
OPERATING #2	<u>DC</u>	<u>15</u>
TEMPERATURE CONTROLS		
HIGH LIMIT	<u>N/A</u>	
OPERATING CONTROL		

DATE	MANUFACTURER	MODEL #	PART#
<u>11/19/14</u>	<u>REIMERS</u>	<u>04316</u>	<u>04316</u>
<u>11/19/14</u>	<u>TECMARK</u>	<u>3155-ED</u>	<u>04296</u>
<u>11/19/14</u>	<u>TECMARK</u>	<u>3156-EC</u>	<u>04163</u>
<u>11/19/14</u>	<u>TECMARK</u>	<u>3156-EC</u>	<u>04163</u>

Representing Reimers Electra Steam, INC. (Name) David E. CoffinDATE 11/19/14Signature David E. Coffin

Representing Installer Contractor (Name) _____

DATE _____

Signature _____

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0029495

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Work Order Traveler

SCHEDULED START: 10/07/14

0029495

DUE DATE: 10/14/14

ITEM NUMBER: **RBH30C3F**
DESCRIPTION: **BOILER RBH 30KW 208V 3PH 100#**
REVISION: 003
OPTION CODE:

QUANTITY: ~~4.00~~ 1.00
UNIT OF MEASUREMENT: EA

MAKE FOR: I/M
PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
4	02616	BLOCK POWER DISTRIBUTION 3-2/0	8	04789	WIRE SADDLE NYLON LOCKING
4	04701	CARTON RB 30W 35L 28.75H SLOT			
8	02530	CONTACTOR 50A 120V 3P UL/CSA			
4	20838	CONTROLLER 04316-EBC-LED			
4	04781	COUPLING .5" BRASS B16.15 125			OPT1016
4	20775-11	COVER ELEMENT TERMINALS RB REV			
4	20775-7	COVER RIGHT ELEC BOX RB REV3			
4	04229	DECAL SHEET			
4	04813	DINCONNECTOR/CORD FOR RB BOILE			
4	03923	ELBOW .5" TUBE X .375" NPT SB			
8	04277	ELEMENT 208V 15KW 3PH B-DIM=18			
-8	20598	FLANGE BLIND 2.5" SQ. 4 BOLT			
4	02655	FUSE 250V 5A UL/CSA			
-8	02281-TOPOG	GASKET 2.5"X .125"t TOPOG-E			
4	20862	LABEL MAX. TORQUE 40. LB IN /0			
4	20860	LABEL MAX. TORQUE 7.0 LB IN /0			
4	04301	LABEL NAMEPLATE UL/CSA 3.48 X			
8	03077	LOCKWASHER .25" STEEL HELICAL			
4	20840	MANIFOLD FEED WATER SUBASSY RB			
4	04668	NIPPLE .25" X 1.125" BRASS SCH			
4	04787	NUT .25-20 WING ZINC PLATED			
8	01351	NUT .25-20HEX JAM PLATE			
4	ORF-30	ORIFICE DRILLED #B (.236) FOR			
4	20775-13	POWER CABINET FOR 2-PH RB BOIL			
4	04163	PRESSURE CONTROL 60# OPERATING			
4	04296	PRESSURE CONTROL 90# HI LIMIT			
4	20842	PRESSURE CONTROL MANIFOLD RB R			
4	04661	PRESSURE GAUGE 2.0" .25" 0-160			
4	20775-9	PUMP BASE MOUNTING BRACKET			
4	20992	PUMP SUBASSY 03693 120V 1 PH			
4	04593	SCREW .25-20 X .75 HEX CAP PLA			
4	04760	SCREW 1/4"-20 X .75" PAN HEAD			
32	01291	SCREW 8-32X.25RNDHD SLT MCH ZI			
24	01246	SCREW 8-32X.375RDHD MCH PLT SL			
4	04731	STUD PRESS-IN THREADED .25"-20			
4	RB30-SUBAS	SUBASSEMBLY RB 10 THRU 30 BOIL			
24	04080	TERMINAL RING FOR # 8 AWG WIR			
4	03818	TICKET HOLDER FOR SHOP CLEAR F			
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			
32	04440	WIRE #8 PTFE INS. W/GLASS SLEE			