

CRN# _____

NATL.BD# _____

SERIAL# _____

Reimers®
 Electra Steam, Inc.

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NAMEPLATE RATINGS:

PART NUMBER RBH30C3FMODEL RH-30

POWER SUPPLY WIRE SIZE _____

POWER VOLTS 208CONTROL VOLT 120PHASE 3HZ 60MAX. W.P. 100KILOWATTS 30
**CERTIFICATION & REPORTING (CG-500) CSD-1
 OPERATIONAL TEST/ELECTRIC AND STEAM**
DATE (M/D/Y) 5/12/2015UL FILE # E39545WIRING DIAGRAM # 08, 91, 101, 110, 122, 131 REV 5
 DIELECTRIC VOLTAGE- WITHSTAND
 TEST: (IAW U.L. 834)

 VOLTS 1200 SAT ✓ UNSAT OC
 PERFORMED BY OC DATE 5/12/15

 HYDRO TEST OF
 COMPLETE BOILER

 P.S.I.G. 100
 PERFORMED BY OC
 DATE 5/12/15

HEATING ELEMENT TEST

VOLTS 208AMPS 93.4TOTAL WATT 30K
Amps TESTED on
240V

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 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 OCDATE 5/12/15MANUFACTURER 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	N/A	X				
MANUAL RESET	<u>OC</u>	X	<u>5/12/15</u>	REIMERS	04316	04316
PRESSURE CONTROLS						
HIGH LIMIT	<u>OC</u>	90	<u>5/12/15</u>	TECMARK	3155-ED	04296
OPERATING #1	<u>OC</u>	60	<u>5/12/15</u>	TECMARK	3156-EC	04163
OPERATING #2	<u>OC</u>	<u>15</u>	<u>5/12/15</u>	<u>TECMARK</u>	<u>3156-EC</u>	<u>04163</u>
TEMPERATURE CONTROLS						
HIGH LIMIT	N/A					
OPERATING CONTROL						

Representing Reimers Electra Steam, INC. (Name) David E. Coff

Representing Installer Contractor (Name) _____

DATE 5/12/15 Signature D. E. Coff

DATE _____ Signature _____

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0031075

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Work Order Traveler

SCHEDULED START: 05/05/15

DUE DATE: 05/07/15

QUANTITY: ~~2.00~~ 1.00

UNIT OF MEASUREMENT: EA

0031075

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
2	02616	BLOCK POWER DISTRIBUTION 3-2/0	4	04789	WIRE SADDLE NYLON LOCKING
2	04701	CARTON RB 30W 35L 28.75H SLOT			
4	02530	CONTACTOR 50A 120V 3P UL/CSA			
2	20838	CONTROLLER 04316-EBC-LED			
2	04781	COUPLING .5" BRASS B16.15 125			
2	20775-11	COVER ELEMENT TERMINALS RB REV			
2	20775-7	COVER RIGHT ELEC BOX RB REV3			
2	04229	DECAL SHEET			
2	04813	DINCONNECTOR/CORD FOR RB BOILE			
2	20848	DISC, ORF-30 30KW STEAM ORIFIC			
2	03923	ELBOW .5" TUBE X .375" NPT SB			
4	04277	ELEMENT 208V 15KW 3PH B-DIM=18			
-4	20598	FLANGE BLIND 2.5" SQ. 4 BOLT			
2	02655	FUSE 250V 5A UL/CSA			
-4	02281-TOPOC	GASKET 2.5" X .125" t TOPOG-E			
2	20862	LABEL MAX. TORQUE 40. LB IN /0			
2	20860	LABEL MAX. TORQUE 7.0 LB IN /0			
2	04301	LABEL NAMEPLATE UL/CSA 3.48 X			
4	03077	LOCKWASHER .25" STEEL HELICAL			
2	20840	MANIFOLD FEED WATER SUBASSY RB			
2	04668	NIPPLE .25" X 1.125" BRASS SCH			
2	04787	NUT .25-20 WING ZINC PLATED			
4	01351	NUT .25-20HEX JAM PLATE			
2	20775-13	POWER CABINET FOR 2-PH RB BOIL			
2	04163	PRESSURE CONTROL 60# OPERATING			
2	04296	PRESSURE CONTROL 90# HI LIMIT			
2	20842	PRESSURE CONTROL MANIFOLD RB R			
2	04661	PRESSURE GAUGE 2.0" .25" 0-160			
2	20775-9	PUMP BASE MOUNTING BRACKET			
2	20992	PUMP SUBASSY 03693 120V 1 PH			
2	04593	SCREW .25-20 X .75 HEX CAP PLA			
2	04760	SCREW 1/4"-20 X .75" PAN HEAD			
16	01291	SCREW 8-32X.25RNDHD SLT MCH ZI			
12	01246	SCREW 8-32X.375RDHD MCH PLT SL			
2	04731	STUD PRESS-IN THREADED .25"-20			
2	RB30-SUBAS	SUBASSEMBLY RB 10 THRU 30 BOIL			
12	04080	TERMINAL RING FOR # 8 AWG WIR			
2	03818	TICKET HOLDER FOR SHOP CLEAR F			
2	02490	VALVE BALL .5" 200# SWP			
2	03346	VALVE BALL .5" W/LATCH 200 SWP			
2	02637	VALVE SAFETY .5" 100# SWP 1" O			
16	04440	WIRE #8 PTFE INS. W/GLASS SLEE			