

CRN# _____

NATL.BD# _____

SERIAL# _____

Reimers®
 Electra Steam, Inc.

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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) 9/30/2015UL FILE # E39545
 WIRING DIAGRAM # 08, 9, 10, 11, 12, 13, 14 REV 5
X 160, 170, 180
DIELECTRIC VOLTAGE- WITHSTAND

TEST: (IAW U.L. 834)

VOLTS 1200 SAT ✓ UNSAT _____PERFORMED BY DC DATE 9/30/15**HYDRO TEST OF
COMPLETE BOILER**P.S.I.G. 100PERFORMED BY DCDATE 9/30/15**HEATING ELEMENT TEST**VOLTS 208AMPS 91.7TOTAL WATT 30K

Amps TESTED on _____

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 DCDATE 9/30/15MANUFACTURER 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	DATE	MANUFACTURER	MODEL #	PART#
LOW WATER CUTOFF	PERFORMED BY	PSI/°F				
AUTO RESET	N/A	X	9/30/15	REIMERS	04316	04316
MANUAL RESET	DC	X				
PRESSURE CONTROLS						
HIGH LIMIT	DC	90	9/30/15	TECMARK	3155-ED	04296
OPERATING #1	DC	60	9/30/15	TECMARK	3156-EC	04163
OPERATING #2	DC	15	9/30/15	TECMARK	3156-EC	04163
TEMPERATURE CONTROLS						
HIGH LIMIT	N/A					
OPERATING CONTROL						

Representing Reimers Electra Steam, INC. (Name) Dawid E. Cofu

Representing Installer Contractor (Name) _____

DATE 9/30/15Signature D E Cofu

DATE _____

Signature _____



0032478

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Work Order Traveler

SCHEDULED START: 09/23/15

0032478

DUE DATE: 09/24/15

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

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

MAKE FOR: I/M
PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	02616	BLOCK POWER DISTRIBUTION 3-2/0	8	04440	WIRE #8 PTFE INS. W/GLASS SLEE
1	04701	CARTON RB 30W 35L 28.75H SLOT	2	04789	WIRE SADDLE NYLON LOCKING
2	02530	CONTACTOR 50A 120V 3P UL/CSA			
1	20838	CONTROLLER 04316-EBC-LED			
1	04781	COUPLING .5" BRASS B16.15 125			OPT1016
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	20848	DISC, ORF-30 30KW STEAM ORIFIC			
1	03923	ELBOW .5" TUBE X .375" NPT SB			
2	04277	ELEMENT 208V 15KW 3PH B-DIM=18			
-2	20598	FLANGE BLIND 2.5" SQ. 4 BOLT			
1	02655	FUSE 250V 5A UL/CSA			
-2	02281-TOPOG	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			
1	20775-13	POWER CABINET FOR 2-PH RB BOIL			
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	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.25RDHD 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			
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			