

CRN# _____

NATL.BD# 72762SERIAL# 74749
Reimers®
 Electra Steam, Inc.

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NAMEPLATE RATINGS:

 PART NUMBER RBH30C3F
 MODEL RH-30
 POWER SUPPLY WIRE SIZE 2
 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) 6 / 17 / 2015UL FILE # E39545
 WIRING DIAGRAM # 06, 91, 101, 110, 122, 131, 140, X, 162, 170, 180 REV 5
**DIELECTRIC VOLTAGE- WITHSTAND
 TEST: (IAW U.L. 834)**

 VOLTS 1200 SAT ☒ UNSAT ☐
 PERFORMED BY BSS DATE 6/17/15
**HYDRO TEST OF
 COMPLETE BOILER**

 P.S.I.G. 100 OC
 PERFORMED BY OC
 DATE 6/17/15
HEATING ELEMENT TEST
 VOLTS 208 AMPS 83.3
 TOTAL WATT 30K TEST 240 V 92A
CHECKOUT

1. APPEARANCE ☒
2. BLOWDOWN MAN N/A AUTO ☒
3. TRANSFORMER N/A
4. CONDENSATE TANK N/A
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 ☒DATE 6/17/15MANUFACTURER 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>B. Butts</u>	X	<u>6/17/15</u>	REIMERS	04316	04316
PRESSURE CONTROLS						
HIGH LIMIT	<u>B. Butts</u>	90	<u>6/17/15</u>	TECMARK	3155-ED	04296
OPERATING #1	<u>B. Butts</u>	80	<u>6/17/15</u>	TECMARK	3156-EC	04163
OPERATING #2	N/A					
TEMPERATURE CONTROLS						
HIGH LIMIT	N/A					
OPERATING CONTROL						

Representing Reimers Electra Steam, INC. (Name) BRAD BUTTSDATE 6/17/15 Signature Brad Butts

Representing Installer Contractor (Name) _____

DATE _____ Signature _____

20f2



0031427

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Work Order Traveler

SCHEDULED START: 05/27/15

0031427

DUE DATE: 05/29/15

QUANTITY: ~~2.00~~ 1.00

UNIT OF MEASUREMENT: EA

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	2	02637	VALVE SAFETY .5" 100# SWP 1" O
2	04701	CARTON RB 30W 35L 28.75H SLOT	16	04440	WIRE #8 PTFE INS. W/GLASS SLEE
4	02530	CONTACTOR 50A 120V 3P UL/CSA	4	04789	WIRE SADDLE NYLON LOCKING
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-TOPOG	GASKET 2.5" X .125" 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			
4	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	03344	RECEPTACLE CONN. MALE "AMPHENO			
2	03345	RECEPTACLE FEMALE "AMPHENOL"			
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.25RDHD SLT MCH ZI			
12	01246	SCREW 8-32X.375RDHD MCH PLT SL			
2	04731	STUD PRESS-IN THREADED .25"-20			
2	RB30-SUBASY	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			

OPT1016

BSB 6/17/15

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