

CRN# _____

NATL.BD# 105077SERIAL# 105077
Reimers®
 Electra Steam, Inc.

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NAMEPLATE RATINGS:

PART NUMBER RBH10E1FMODEL RH-10POWER SUPPLY WIRE SIZE 8POWER VOLTS 240CONTROL VOLT 120PHASE 1HZ 60MAX. W.P. 100KILOWATTS 10
**CERTIFICATION & REPORTING (CG-500) CSD-1
 OPERATIONAL TEST/ELECTRIC AND STEAM**
DATE (M/D/Y) 5 / 13 / 2016 UL FILE # E39545WIRING DIAGRAM # 2391101, 110, 120, 131 REV 5

DIELECTRIC VOLTAGE- WITHSTAND

TEST: (IAW U.L. 834)

VOLTS 1200 SAT ☒ UNSAT ☐PERFORMED BY OC DATE 5/13/16HYDRO TEST OF
COMPLETE BOILERP.S.I.G. 100PERFORMED BY OCDATE 5/13/16

HEATING ELEMENT TEST

VOLTS 240AMPS 39.6TOTAL WATT 10K

CHECKOUT

1. APPEARANCE OK
2. BLOWDOWN MAN ☒ 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 OK
17. WARNING LABELS ☒
18. WATER GAUGE FITTINGS ☒
19. WIRE TERMINALS TIGHT ☒
20. WIRING DIA. ☒
21. ELEMENT QTY. 1
22. ELEMENT VOLT/KW 240V 10KW
23. NAMEPLATE ☒
24. JURISDICTION = VA
25. FUEL = ELECTRIC

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

SAFETY RELIEF VALVE

OPERATIONAL TEST PERFORMED OCDATE 5/13/16MANUFACTURER 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) 35 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

OC

X

5/13/16

REIMERS

04316

04316

PRESSURE CONTROLS

HIGH LIMIT

OC5/13/16

TECMARK

3155-ED

04296

OPERATING #1

OC5/13/16

TECMARK

3156-EC

04163

OPERATING #2

N/A

TEMPERATURE CONTROLS

HIGH LIMIT

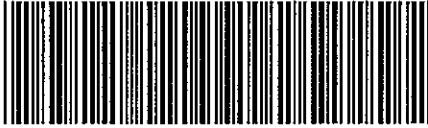
N/A

OPERATING CONTROL

Representing Reimers Electra Steam, INC. (Name) Darwin E. CoffDATE 5/13/16 Signature [Signature]

Representing Installer Contractor (Name) _____

DATE _____ Signature _____



0034519

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Work Order Traveler

SCHEDULED START: 05/09/16

0034519

DUE DATE: 05/10/16

ITEM NUMBER: **RBH10E1F**QUANTITY: **1.00**DESCRIPTION: **BOILER RBH 10KW 240V 1PH 100#**

UNIT OF MEASUREMENT: EACH

REVISION: 003

OPTION CODE:

MAKE FOR: I/M

PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	04701	CARTON RB 30W 35L 28.75H SLOT			OPT1008
1	02530	CONTACTOR 50A 120V 3P UL/CSA			
1	20838	CONTROLLER 04316-EBC-LED			
1	20775-11	COVER ELEMENT TERMINALS RB REV			
1	20775-7	COVER RIGHT ELEC BOX RB REV3			
1	04165	ELEMENT 240V 10KW 3PH B-DIM.=1			
1	02655	FUSE 250V 5A UL/CSA			
1	20840	MANIFOLD FEED WATER SUBASSY RB			
1	04661	PRESSURE GAUGE 2.0" .25" 0-160			
1	20992	PUMP SUBASSY 03693 120V 1 PH			
1	RB30-SUBAS	SUBASSEMBLY RB 10 THRU 30 BOIL			
3	04080	TERMINAL RING FOR # 8 AWG WIR			
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			
13	04440	WIRE #8 PTFE INS. W/GLASS SLEE			

DC 5/13/14