

CRN# _____

NATL.BD# 104432SERIAL# 104432**Reimers**
Electra Steam, Inc.

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NAMEPLATE RATINGS:

PART NUMBER RBH20K3FMODEL RH-20POWER SUPPLY WIRE SIZE 8POWER VOLTS 480CONTROL VOLT 120PHASE 3HZ 60MAX. W.P. 100KILOWATTS 20CERTIFICATION & REPORTING (CG-500) CSD-1
OPERATIONAL TEST/ELECTRIC AND STEAMDATE (M/D/Y) 3 / 29 / 2016

UL FILE # E39545

WIRING DIAGRAM # 56, 91, 101, 110, 120, 131 REV 5140, X, 160, 170, 180

DIELECTRIC VOLTAGE- WITHSTAND

TEST: (IAW U.L. 834)

VOLTS 2350 SAT ☒ UNSAT ☐PERFORMED BY DC DATE 3/29/16HYDRO TEST OF
COMPLETE BOILERP.S.I.G. 100PERFORMED BY DCDATE 3/29/16

HEATING ELEMENT TEST

VOLTS 480AMPS 24.0

TOTAL WATT 20K

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. _____
22. ELEMENT VOLT/KW _____
23. NAMEPLATE _____
24. JURISDICTION = VA
25. FUEL = ELECTRIC

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

SAFETY RELIEF VALVE

OPERATIONAL TEST PERFORMED DCDATE 3/29/16MANUFACTURER 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) 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>DC</u>	X	<u>3/29/16</u>	REIMERS	04316	04316
PRESSURE CONTROLS						
HIGH LIMIT	<u>DC</u>	90	<u>3/29/16</u>	TECMARK	3155-ED	04296
OPERATING #1	<u>DC</u>	60	<u>3/29/16</u>	TECMARK	3156-EC	04163
OPERATING #2	N/A					
TEMPERATURE CONTROLS						
HIGH LIMIT	N/A					
OPERATING CONTROL						

Representing Reimers Electra Steam, INC. (Name) Dawid E. GorkhDATE 3/29/16 Signature [Signature]

Representing Installer Contractor (Name) _____

DATE _____ Signature _____



0034092

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Work Order Traveler

SCHEDULED START: 03/23/16

0034092

DUE DATE: **03/24/16**ITEM NUMBER: **RBH20K3F**QUANTITY: **1.00**DESCRIPTION: **BOILER RBH 20KW 480V 3 PH 100#**

UNIT OF MEASUREMENT: EA

REVISION: 003

OPTION CODE:

MAKE FOR: I/M

PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	04701	CARTON RB 30W 35L 28.75H SLOT			
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	20847	DISC, ORF-20 20KW STEAM ORIFIC			
2	04166	ELEMENT 480V 10KW 3P BDIM=18 Y			
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			
6	04183	TERMINAL RING #12-10 WIRE #8 S			
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			
10	04278	WIRE #10 TGGT PTFE INS. W/GLAS			