

CRN# _____

NATL.BD# 103521SERIAL# 103521**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) 2 / 22 / 20 15

UL FILE # E39545

WIRING DIAGRAM # 56, 91, 101, 112, 120 REV 5
131, 140, X 160, 156, 180

DIELECTRIC VOLTAGE- WITHSTAND

TEST: (IAW U.L. 834)

VOLTS 2350 SAT ☒ UNSAT ☐PERFORMED BY OC DATE 2/22/16HYDRO TEST OF
COMPLETE BOILERP.S.I.G. 100PERFORMED BY OCDATE 2/22/16

HEATING ELEMENT TEST

VOLTS 480AMPS 23.9

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. 2
22. ELEMENT VOLT/KW 480 / 0
23. NAMEPLATE ☒
24. JURISDICTION = VA
25. FUEL = ELECTRIC

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

SAFETY RELIEF VALVE

OPERATIONAL TEST PERFORMED OCDATE 2/22/16MANUFACTURER 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
AUTO RESET	<u>N/A</u>	<u>X</u>
MANUAL RESET	<u>OC</u>	<u>X</u>
PRESSURE CONTROLS		
HIGH LIMIT	<u>OC</u>	<u>90</u>
OPERATING #1	<u>OC</u>	<u>60</u>
OPERATING #2	<u>N/A</u>	
TEMPERATURE CONTROLS		
HIGH LIMIT	<u>N/A</u>	
OPERATING CONTROL		

DATE	MANUFACTURER	MODEL #	PART#
<u>2/22/16</u>	<u>REIMERS</u>	<u>04316</u>	<u>04316</u>
<u>2/22/16</u>	<u>TECMARK</u>	<u>3155-ED</u>	<u>04296</u>
<u>2/22/16</u>	<u>TECMARK</u>	<u>3156-EC</u>	<u>04163</u>

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

Representing Installer Contractor (Name) _____

DATE 2/22/16 Signature [Signature]

DATE _____ Signature _____

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Work Order Traveler

SCHEDULED START: 02/09/16

DUE DATE: 02/11/16

0033682

ITEM NUMBER: **RBH20K3F**QUANTITY: **2.00**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
2	04701	CARTON RB 30W 35L 28.75H SLOT			
2	02530	CONTACTOR 50A 120V 3P UL/CSA			
2	20838	CONTROLLER 04316-EBC-LED			
2	20775-11	COVER ELEMENT TERMINALS RB REV			
2	20775-7	COVER RIGHT ELEC BOX RB REV3			OPT1009-480RBH
2	20847	DISC, ORF-20 20KW STEAM ORIFIC			OPT1019-NH
4	04166	ELEMENT 480V 10KW 3P BDIM=18 Y			
-4	20598	FLANGE BLIND 2.5" SQ. 4 BOLT			
2	02655	FUSE 250V 5A UL/CSA			
2	20840	MANIFOLD FEED WATER SUBASSY RB			
2	04163	PRESSURE CONTROL 60# OPERATING <u>OC</u>	2/22/16		
2	04296	PRESSURE CONTROL 90# HI LIMIT <u>OC</u>	2/22/16		
2	04661	PRESSURE GAUGE 2.0" .25" 0-160			
2	20992	PUMP SUBASSY 03693 120V 1 PH			
2	RB30-SUBAS	SUBASSEMBLY RB 10 THRU 30 BOIL			
12	04183	TERMINAL RING #12-10 WIRE #8 S			
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 <u>OC</u>	2/22/16		
20	04278	WIRE #10 TGGT PTFE INS. W/GLAS			