

CRN# _____

NATL.BD# 102883SERIAL# 102883**Reimers**
Electra Steam, Inc.

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NAMEPLATE RATINGS:

PART NUMBER RBH20E3F
MODEL RH-20
POWER SUPPLY WIRE SIZE 6
POWER VOLTS 240
CONTROL VOLT 120
PHASE 3
HZ 60
MAX. W.P. 100
KILOWATTS 20

CERTIFICATION & REPORTING (CG-500) CSD-1
OPERATIONAL TEST/ELECTRIC AND STEAMDATE (M/D/Y) 12/22/15UL FILE # E39545WIRING DIAGRAM # 16, 91, 101, 111, 120, 131, 140 REV 5
X 160, 170, 180

DIELECTRIC VOLTAGE- WITHSTAND

TEST: (IAW U.L. 834)

VOLTS 1200 SAT ☒ UNSAT ☐PERFORMED BY OC DATE 12/22/15HYDRO TEST OF
COMPLETE BOILERP.S.I.G. 100PERFORMED BY OCDATE 12/22/15

HEATING ELEMENT TEST

VOLTS 240AMPS 48.6TOTAL WATT 20K

CHECKOUT

1. APPEARANCE ☒
2. BLOWDOWN MAN ☒ AUTO ☐
3. TRANSFORMER ☒
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. 2
22. ELEMENT VOLT/KW 240V - 20KW
23. NAMEPLATE ☒
24. JURISDICTION = VA
25. FUEL = ELECTRIC

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

SAFETY RELIEF VALVE

OPERATIONAL TEST PERFORMED OCDATE 12/22/15MANUFACTURER 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	<u>N/A</u>	<u>X</u>				
MANUAL RESET	<u>OC</u>	<u>X</u>	<u>12/22/15</u>	REIMERS	04316	04316
PRESSURE CONTROLS						
HIGH LIMIT	<u>OC</u>	90	<u>12/22/15</u>	TECMARK	3155-ED	04296
OPERATING #1	<u>OC</u>	60	<u>12/22/15</u>	TECMARK	3156-EC	04163
OPERATING #2	<u>N/A</u>					
TEMPERATURE CONTROLS						
HIGH LIMIT	<u>N/A</u>					
OPERATING CONTROL						

Representing Reimers Electra Steam, INC. (Name) Darwin E. Goff

Representing Installer Contractor (Name) _____

DATE 12/22/15Signature D E Goff

DATE _____

Signature _____



0033166

Page: 1

Work Order Traveler

SCHEDULED START: 12/15/15

DUE DATE: 12/16/15

QUANTITY: 1.00

UNIT OF MEASUREMENT: EA

0033166

ITEM NUMBER: RBH20E3F

DESCRIPTION: BOILER RBH 20KW 240V 3 PH 100#

REVISION: 003

OPTION CODE:

MAKE FOR: I/M

PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	04702	CARTON RB TRIWALL30 X 35L X 28			OPT1009-240RBH
1	02539	CONTACTOR 75A 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	04229	DECAL SHEET			
1	20847	DISC, ORF-20 20KW STEAM ORIFIC			
2	04165	ELEMENT 240V 10KW 3PH B-DIM.=1			
12	04076	FERRULES AWG 8			
-2	20598	FLANGE BLIND 2.5" SQ. 4 BOLT			
1	02655	FUSE 250V 5A UL/CSA			
1	04301	LABEL NAMEPLATE UL/CSA 3.48 X			
1	20840	MANIFOLD FEED WATER SUBASSY RB			
1	04163	PRESSURE CONTROL 60# OPERATING	DC 12/22/15		
1	04296	PRESSURE CONTROL 90# HI LIMIT	DC 12/22/15		
1	04661	PRESSURE GAUGE 2.0" .25" 0-160			
1	20992	PUMP SUBASSY 03693 120V 1 PH			
8	01291	SCREW 8-32X.25RNDHD SLT MCH ZI			
6	01246	SCREW 8-32X.375RDHD MCH PLT SL			
2	04811	SPRING DISC .328" ID X .687" O			
1	RB30-SUBAS	SUBASSEMBLY RB 10 THRU 30 BOIL			
6	04080	TERMINAL RING FOR # 8 AWG WIR			DC 12/22/15
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			
10	04440	WIRE #8 PTFE INS. W/GLASS SLEE			