

CRN# _____

NATL.BD# 72761SERIAL# 74748**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) 6 / 18 / 20 15UL FILE # E39545WIRING DIAGRAM # 56, 91, 101, 110, 122, 131, 140, X 160, 170, 180 REV 5

DIELECTRIC VOLTAGE- WITHSTAND

TEST: (IAW U.L. 834)

VOLTS 2300 SAT ☒ UNSAT ☐PERFORMED BY DC DATE 6/18/15HYDRO TEST OF
COMPLETE BOILERP.S.I.G. 100PERFORMED BY DCDATE 6/18/15

HEATING ELEMENT TEST

VOLTS 480AMPS 29.4TOTAL 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 10
23. NAMEPLATE ☒
24. JURISDICTION = VA
25. FUEL = ELECTRIC

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

SAFETY RELIEF VALVE

OPERATIONAL TEST PERFORMED DCDATE 6/18/15MANUFACTURER 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

DATE

MANUFACTURER

MODEL #

PART#

MANUAL RESET

DC

X

DATE

MANUFACTURER

MODEL #

PART#

PRESSURE CONTROLS

HIGH LIMIT

DC

90

DATE

MANUFACTURER

MODEL #

PART#

OPERATING #1

DC

60

DATE

MANUFACTURER

MODEL #

PART#

OPERATING #2

DC

15

DATE

MANUFACTURER

MODEL #

PART#

TEMPERATURE CONTROLS

HIGH LIMIT

N/A

OPERATING CONTROL

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

Representing Installer Contractor (Name) _____

DATE 6/18/15Signature David E. Coffey

DATE _____

Signature _____



0031581

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Work Order Traveler

SCHEDULED START: 06/08/15

DUE DATE: 06/09/15

QUANTITY: 1.00

UNIT OF MEASUREMENT: EA

0031581

ITEM NUMBER: **RBH20K3F**DESCRIPTION: **BOILER RBH 20KW 480V 3 PH 100#**

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	02637	VALVE SAFETY .5" 100# SWP 1" O <i>OC 6/18/15</i>
1	02254	CONNECTOR .375" 2 SCREW NEER	10	04278	WIRE #10 TGGT PTFE INS. W/GLAS
1	02530	CONTACTOR 50A 120V 3P UL/CSA	2	04789	WIRE SADDLE NYLON LOCKING
1	20838	CONTROLLER 04316-EBC-LED			
1	04781	COUPLING .5" BRASS B16.15 125			
1	20775-11	COVER ELEMENT TERMINALS RB REV			OPT1016
1	20775-7	COVER RIGHT ELEC BOX RB REV3			OPT1022
1	04229	DECAL SHEET			OPT1023
1	04813	DINCONNECTOR/CORD FOR RB BOILE			
1	20847	DISC, ORF-20 20KW STEAM ORIFIC			
1	03923	ELBOW .5" TUBE X .375" NPT SB			
2	04166	ELEMENT 480V 10KW 3P BDIM=18 Y			
-2	20598	FLANGE BLIND 2.5" SQ 4 BOLT			
1	02655	FUSE 250V 5A UL/CSA			
-2	02281-TOPOG	E GASKET 2.5" X .125" TOPOG-E			
1	20862	LABEL MAX. TORQUE 40. LB IN /0			
1	20860	LABEL MAX. TORQUE 7.0 LB IN /0			
1	04301	LABEL NAMEPLATE UL/CSA 3.48 X			
2	03077	LOCKWASHER .25" STEEL HELICAL			
1	20840	MANIFOLD FEED WATER SUBASSY RB			
1	04668	NIPPLE .25" X 1.125" BRASS SCH			
1	04787	NUT .25-20 WING ZINC PLATED			
2	01351	NUT .25-20HEX JAM PLATE			
2	04163	PRESSURE CONTROL 60# OPERATING <i>OC 6/18/15</i>			
1	04296	PRESSURE CONTROL 90# HI LIMIT <i>OC 6/18/15</i>			
1	20842	PRESSURE CONTROL MANIFOLD RB R			
1	04661	PRESSURE GAUGE 2.0" .25" 0-160			
1	20775-9	PUMP BASE MOUNTING BRACKET			
1	20992	PUMP SUBASSY 03693 120V 1 PH			
1	03344	RECEPTACLE CONN. MALE "AMPHENO			
1	03345	RECEPTACLE FEMALE "AMPHENOL"			
1	04593	SCREW .25-20 X .75 HEX CAP PLA			
1	04760	SCREW 1/4"-20 X .75" PAN HEAD			
8	01291	SCREW 8-32X 25RNDHD SLT MCH ZI			
6	01246	SCREW 8-32X .375RDHD MCH PLT SL			
1	04731	STUD PRESS-IN THREADED .25"-20			
1	RB30-SUBAS	SUBASSEMBLY RB 10 THRU 30 BOIL			
6	04080	TERMINAL RING FOR # 8 AWG WIR			
6	02741	TERMINAL RING 10-12WIRE #10STU			
1	03818	TICKET HOLDER FOR SHOP CLEAR F			
1	02490	VALVE BALL .5" 200# SWP			
1	03346	VALVE BALL .5" W/LATCH 200 SWP			