

CRN# _____

NATL.BD# 104442SERIAL# 104442
Reimers®
 Electra Steam, Inc.

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Clear Brook, VA 22624 F: 540-665-8101

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NAMEPLATE RATINGS:

PART NUMBER RBH20G3FMODEL RH-20POWER SUPPLY WIRE SIZE 8POWER VOLTS 380CONTROL VOLT 220PHASE 3HZ 50MAX. W.P. 100KILOWATTS 20
**CERTIFICATION & REPORTING (CG-500) CSD-1
 OPERATIONAL TEST/ELECTRIC AND STEAM**
DATE (M/D/Y) 5/3/2016UL FILE # E39545

WIRING DIAGRAM # _____

REV _____

DIELECTRIC VOLTAGE- WITHSTAND

TEST: (IAW U.L. 834)

VOLTS 2112 SAT ☒ UNSAT _____PERFORMED BY BSB DATE 5/3/16HYDRO TEST OF
COMPLETE BOILERP.S.I.G. 100PERFORMED BY OL
DATE 5/3/16

HEATING ELEMENT TEST

VOLTS 380AMPS 30.4TOTAL WATT 20K TEST 240 V 19 A

CHECKOUT

1. APPEARANCE ☒
2. BLOWDOWN MAN ☒ AUTO N/A
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 ☒
17. WARNING LABELS ☒
18. WATER GAUGE FITTINGS ☒
19. WIRE TERMINALS TIGHT ☒
20. WIRING DIA. ☒
21. ELEMENT QTY. 2
22. ELEMENT VOLT/KW 380/16
23. NAMEPLATE ☒
24. JURISDICTION = VA
25. FUEL = ELECTRIC

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

SAFETY RELIEF VALVE

OPERATIONAL TEST PERFORMED ☒

DATE _____

MANUFACTURER 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

AUTO RESET

N/A

MANUAL RESET

B. Butts

PRESSURE CONTROLS

HIGH LIMIT

B. Butts

OPERATING #1

B. Butts

OPERATING #2

N/A

TEMPERATURE CONTROLS

HIGH LIMIT

N/A

OPERATING CONTROL

PSI/°F

DATE

MANUFACTURER

MODEL #

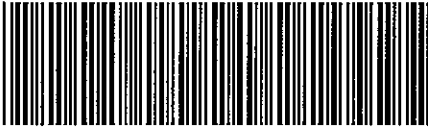
PART#

XX5/3/16REIMERS0431604316TECMARK3155-ED04296TECMARK3156-EC04163Representing Reimers Electra Steam, INC. (Name) BRAD BUTTS

Representing Installer Contractor (Name) _____

DATE 5/3/16 Signature Brad Butts

DATE _____ Signature _____



0034406

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Work Order Traveler

SCHEDULED START: 04/26/16

DUE DATE: 04/27/16

QUANTITY: 1.00

UNIT OF MEASUREMENT: EA

0034406

ITEM NUMBER: RBH20G3F

DESCRIPTION: BOILER RBH 20KW 380V 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	02240	CONDUIT ALFLEX type SWA .375"			
2	02266	CONDUIT SLEEVE .375" REDEYE			OPT1012-RB
1	02530	CONTACTOR 50A 120V 3P UL/CSA			OPT1009-380RBH
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			
1	04165	ELEMENT 240V 10KW 3PH B-DIM.=1			
1	04253	ELEMENT 240V 15KW 3PH B-DIM=18			
2	04574	FUSE 250V 3 AMP UL/CSA			
1	02140	FUSE BLOCK 250V 30A 1P 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	04700-HT	SKID 30" X 35.5" -HT RB rev3 H			
-1	04700	SKID 30" X 35.5" RB rev3			
1	RB30-SUBAS	SUBASSEMBLY RB 10 THRU 30 BOIL			
6	04183	TERMINAL RING #12-10 WIRE #8 S			
1	02475	TRANSFORMER .25KVA B WALL MT48			
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			

PROBE 4-3/4"

B56 5/3/16