

CRN# _____

NATL.BD# 103556SERIAL# 103556
Reimers®
 Electra Steam, Inc.

 4407 Martinsburg Pike
 Clear Brook, VA 22624
 www.reimersinc.com

 P: 540-662-3811
 F: 540-665-8101
 sales@reimersinc.com
NAMEPLATE RATINGS:
 PART NUMBER RXHC40E3F
 MODEL RHC-40
 POWER SUPPLY WIRE SIZE 1
 POWER VOLTS 240
 CONTROL VOLT 120
 PHASE 3
 HZ 60
 MAX. W.P. 100
 KILOWATTS 40
**CERTIFICATION & REPORTING (CG-500) CSD-1
 OPERATIONAL TEST/ELECTRIC AND STEAM**
DATE (M/D/Y) 2/9/2016UL FILE # E39545
 WIRING DIAGRAM # 02,10,20,50,60,72,X,90, REV 6
106,170,190
DIELECTRIC VOLTAGE- WITHSTAND

TEST: (IAW U.L. 834)

 VOLTS 1200 SAT ☒ UNSAT ☐
 PERFORMED BY BSS DATE 2/9/16
**HYDRO TEST OF
COMPLETE BOILER**
 P.S.I.G. 100
 PERFORMED BY OC
 DATE 2/8/16
HEATING ELEMENT TEST
 VOLTS 240 AMPS 95.2
 TOTAL WATT 40K
CHECKOUT

1. APPEARANCE ☒
2. BLOWDOWN MAN ☒ AUTO N/A
3. TRANSFORMER N/A
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 240/20
23. NAMEPLATE ☒
24. JURISDICTION = VA
25. FUEL = ELECTRIC

SAFETY LIMIT CONTROLS (REF: ASME CSD-1, CG-500)**SAFETY RELIEF VALVE**OPERATIONAL TEST PERFORMED ☒DATE 2/9/16MANUFACTURER 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) 140 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

B. Butts

X

PRESSURE CONTROLS

HIGH LIMIT

B. Butts90

OPERATING #1

B. Butts80

OPERATING #2

N/A—**TEMPERATURE CONTROLS**

HIGH LIMIT

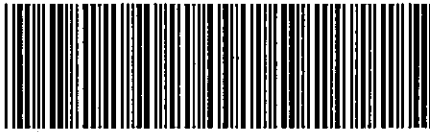
N/A

OPERATING CONTROL

Representing Reimers Electra Steam, INC. (Name) BRAD BUTTSDATE 2/9/16 Signature Brad Butts

Representing Installer Contractor (Name) _____

DATE _____ Signature _____



0033599

Page: 1

Work Order Traveler

SCHEDULED START: 02/03/16

DUE DATE: 02/04/16

0033599

ITEM NUMBER: **RXHC40E3F**
DESCRIPTION: **BOILER RHC 40KW 240V 3PH 100#S**
REVISION: 002
OPTION CODE:

QUANTITY: **1.00**
UNIT OF MEASUREMENT: EA

MAKE FOR: I/M
PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	02616	BLOCK POWER DISTRIBUTION 3-2/0	1	02637	VALVE SAFETY .5" 100# SWP 1" O
1	01121	BUSHING 1" X .5" HEX BLACK MAL	30	04440	WIRE #8 PTFE INS. W/GLASS SLEE
1	04271	BUSHING 1.25" X .75" HEX BLACK	12	02171	WIRE #8 STRANDED (133) BLACK 6
1	03089	CARTON 42W 54L 36.75 500# TEST	1	02209S	WRAPPER END 20" 20103REV.B 16G
1	02204	CEILING PLATE .500	1	20843	WRAPPER END 20" W/2" HOLE
1	02205	CEILING PLATE .75" I.P.S. FLAN			
1	20740	COND. TANK ASSY. (RHC 36-120)			
2	02244	CONDUIT ALFLEX type SWA 1.25"			
7	02240	CONDUIT ALFLEX type SWA .375"			
3	02246	CONDUIT CONNECTOR .375" 90 DEG			
2	02250	CONDUIT CONNECTOR 1.25" 90 DEG			
1	02747	CONDUIT CONNECTOR 90 DEG.375"d			
6	02266	CONDUIT SLEEVE .375" REDEYE			
2	02956	CONDUIT SLEEVE 1.25" T&B UL/CS			
1	03445	CONTACTOR 35A 120V 2P UL/CSA			
2	02539	CONTACTOR 75A 120V 3P UL/CSA			
1	20838	CONTROLLER 04316-EBC-LED			
1	03021	COUPLING FULL .5" NPT 3000# SA			
1	04229	DECAL SHEET			
1	20757	ELECTRICAL PNL ASSY R36-120 LE			
2	02601	ELEMENT 240V 20KW 3P SS 304 SH			
18	04076	FERRULES AWG 8			
4	02022	FLANGE GASKET 2" RING			
1	02125	FUSE 250V 15A UL/CSA			
1	02655	FUSE 250V 5A UL/CSA			
6	02127	FUSE 250V 60A UL/CSA			
2	02142	FUSE BLOCK 250V 60A 3P UL/CSA			
1	04692	GROUND STRAP #4 BRAIDED			
1	02791	NIPPLE .5" X 3.5" BLACK EH			
1	02802	NIPPLE .75X4 BLACK EH SCH80 SA			
2	04472	PIPE PLUG .125" NPT HEX SOCKET			
2	04397	PLUG HOLE FOR 25 SERIES SWITCH			
1	04163	PRESSURE CONTROL 60# OPERATING			
1	04296	PRESSURE CONTROL 90# HI LIMIT			
1	02329	PRESSURE GAUGE 2.5" 160#MT23			
1	R80-SUBAS	RX36-80 SUBASSEMBLY			
1	SKID2A	SKID BOILER NEW R;RH;RHC 24-80			
2	04213	SWITCH ILLUMINATED RED W/WHITE			
1	02177	TERMINAL LUG #4 HOMAC UL/CSA			
6	02176	TERMINAL LUG #8 HOMAC UL/CSA			
1	02490	VALVE BALL .5" 200# SWP			
1	02514	VALVE BALL .75" 200# SWP			