

CRN# _____

NATL.BD# _____

SERIAL# _____

Reimers®
Electra Steam, Inc.4407 Martinsburg Pike
Clear Brook, VA 22624
www.reimersinc.comP: 540-662-3811
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sales@reimersinc.com**NAMEPLATE RATINGS:**PART NUMBER RBHC30K3F
MODEL RHC-30
POWER SUPPLY WIRE SIZE 8
POWER VOLTS 480
CONTROL VOLT 120
PHASE 3
HZ 60
MAX. W.P. 100
KILOWATTS 30**CERTIFICATION & REPORTING (CG-500) CSD-1
OPERATIONAL TEST/ELECTRIC AND STEAM**DATE (M/D/Y) 5 / 14 / 20 15UL FILE # E39545WIRING DIAGRAM # 58 91, 102, 110, 120, 131 REV 5
140 x 160, 170, 180**DIELECTRIC VOLTAGE- WITHSTAND**

TEST: (IAW U.L. 834)

VOLTS 2350 SAT ☒ UNSAT ☐PERFORMED BY OC DATE 5/14/15**HYDRO TEST OF
COMPLETE BOILER**P.S.I.G. 100 OCPERFORMED BY OC
DATE 5/14/15**HEATING ELEMENT TEST**VOLTS 480AMPS 36.3TOTAL WATT 30K**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 15
23. NAMEPLATE ☒
24. JURISDICTION = VA
25. FUEL = ELECTRIC

SAFETY LIMIT CONTROLS (REF: ASME CSD-1, CG-500)**SAFETY RELIEF VALVE**OPERATIONAL TEST PERFORMED OCDATE 5/14/15MANUFACTURER 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

MANUAL RESET

OC

X

5/14/15

REIMERS

04316

04316

PRESSURE CONTROLS

HIGH LIMIT

OC

90

5/14/15

TECMARK

3155-ED

04296

OPERATING #1

OC

60

5/14/15

TECMARK

3156-EC

04163

OPERATING #2

N/A

TEMPERATURE CONTROLS

HIGH LIMIT

N/A

OPERATING CONTROL

Representing Reimers Electra Steam, INC. (Name) David E. CoffDATE 5/14/15 Signature D. E. Coff

Representing Installer Contractor (Name) _____

DATE _____ Signature _____



0031113

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Work Order Traveler

SCHEDULED START: 05/11/15

0031113

DUE DATE: 05/12/15

ITEM NUMBER: **RBHC30K3F**
DESCRIPTION: **BOILER RBHC 30KW 480V 3PH 100#**
REVISION: 003
OPTION CODE:

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

MAKE FOR: I/M
PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
4	03715	BOLTS 10MM X 45MM SHIPPING	1	02472	VALVE BALL .25" 200# SWP SB584
1	03564	BUSHING HEYCO SR7N-2	2	02490	VALVE BALL .5" 200# SWP
1	04701	CARTON RB 30W 35L 28.75H SLOT	1	03346	VALVE BALL .5" W/LATCH 200 SWP
1	20932	COND TANK 11 GAL 2011 DESIGN S	1	02462	VALVE CHECK .5" 125# SWP SWING
1	02530	CONTACTOR 50A 120V 3P UL/CSA	1	02692	VALVE CHECK .5" BALLCONE SPRIN
1	20838	CONTROLLER 04316-EBC-LED	1	02637	VALVE SAFETY .5" 100# SWP 1" O
1	04781	COUPLING .5" BRASS B16.15 125	10	04278	WIRE #10 TGGT PTFE INS. W/GLAS
1	20775-11	COVER ELEMENT TERMINALS RB REV	2	04789	WIRE SADDLE NYLON LOCKING
1	20775-7	COVER RIGHT ELEC BOX RB REV3			
1	04229	DECAL SHEET			
2	04666	ELEMENT 480V 15KW 3P BDIM 18.5			
1	20775-17	ENCLOSURE POWER RELAY MODULE			
-2	20598	FLANGE BLIND 2.5" SQ. 4 BOLT			
1	04994	FUSE 250V 10 AMP FRN-R UL /CSA			
1	02655	FUSE 250V 5A UL/CSA			
1	01520	FUSE BLOCK JR/AR UL/CSA BOILER			
-2	02281-TOPOC	GASKET 2.5" X .125" TOPOG-E			
1	04569	GAUGE GLASS .625" X 4.125" PYR			
1	03810	HOSE .5" X 24" HP SS BRAIDED P			
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			
1	04668	NIPPLE .25" X 1.125" BRASS SCH			
1	04794	NIPPLE .25" X CLOSE BRASS SCH8			
4	03949	NIPPLE .5 X CLOSE BRASS SCH 40			
1	04779	NIPPLE .5" X 2" BRASS SB43 GRO			
1	04790	NIPPLE .5" X 5" BRASS SB43 GR6			
1	04526	NIPPLE .5" X 6" BRASS SB43 GRO			
1	04163	PRESSURE CONTROL 60# OPERATING			
1	04296	PRESSURE CONTROL 90# HI LIMIT			
1	20842	PRESSURE CONTROL MANIFOLD RB R			
1	04661	PRESSURE GAUGE 2.0" .25" 0-160			
1	04788	RELAY POWER RBHC REV3 Z1054-ND			
6	01268	SCREW 5-40 X .25 PANHD MACH PL			
10	01246	SCREW 8-32X.375RDHD MCH PLT SL			
2	04664	SCREW TERMINAL PLUG			
1	RB30-SUBAS	SUBASSEMBLY RB 10 THRU 30 BOIL			
1	04564	TEE REDUCING BRASS .5" X .5" X			
6	04080	TERMINAL RING FOR # 8 AWG WIR			
6	02741	TERMINAL RING 10-12WIRE #10STU			
1	03818	TICKET HOLDER FOR SHOP CLEAR F			
1	01088	UNION .5" BLACK MALLEABLE IRON			