

CRN# _____

NATL.BD# _____

SERIAL# _____

Reimers
Electra Steam, Inc.

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NAMEPLATE RATINGS:

PART NUMBER RB30G3F

MODEL R-30

POWER SUPPLY WIRE SIZE 6

POWER VOLTS 380

CONTROL VOLT 220

PHASE 3

HZ 50

MAX. W.P. 100

KILOWATTS 30

**CERTIFICATION & REPORTING (CG-500) CSD-1
OPERATIONAL TEST/ELECTRIC AND STEAM**

DATE (M/D/Y) 11 / 4 / 20 15

UL FILE # E39545

WIRING DIAGRAM # 38, 91, 100, 113, 120, 131, REV 5

DIELECTRIC VOLTAGE- WITHSTAND

TEST: (IAW U.L. 834)

VOLTS 2112 SAT ☒ UNSAT ☐

PERFORMED BY OC DATE 11/4/15

**HYDRO TEST OF
COMPLETE BOILER**

P.S.I.G. 100

PERFORMED BY OC

DATE 11/4/15

HEATING ELEMENT TEST

VOLTS 380

AMPS 27.7

TOTAL WATT 30KW

Amps TESTED on

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 380 15
23. NAMEPLATE ☒
24. JURISDICTION = VA
25. FUEL = ELECTRIC

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

OPERATIONAL TEST PERFORMED

OC

DATE

11/4/15

MANUFACTURER CONBRACO

Model # 29-202A-100

STEAM 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

11/4/15

REIMERS

04316

04316

PRESSURE CONTROLS

HIGH LIMIT

OC

90

11/4/15

TECMARK

3155-ED

04296

OPERATING #1

OC

60

11/4/15

TECMARK

3156-EC

04163

OPERATING #2

N/A

TEMPERATURE CONTROLS

HIGH LIMIT

N/A

OPERATING CONTROL

Representing Reimers Electra Steam, INC. (Name)

D. Davis E. Cobb

DATE 11/4/15

Signature

Representing Installer Contractor (Name)

DATE

Signature



0032727

Page: 1

Work Order Traveler

SCHEDULED START: 10/28/15

0032727

DUE DATE: 10/29/15

ITEM NUMBER: **RB30G3F**QUANTITY: **1.00**DESCRIPTION: **BOILER RBH 30KW 380V 3PH 100#**

UNIT OF MEASUREMENT: EA

REVISION: 003

OPTION CODE:

MAKE FOR: I/M

PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	20654	BRACKET SOLENOID VALVE	6	04080	TERMINAL RING FOR # 8 AWG WIR
1	04701	CARTON RB 30W 35L 28.75H SLOT	6	04183	TERMINAL RING #12-10 WIRE #8 S
1	02240	CONDUIT ALFLEX type SWA .375"	1	03818	TICKET HOLDER FOR SHOP CLEAR F
1	03844	CONDUIT CONNECTOR .375" DUPLEX	1	02475	TRANSFORMER .25KVA B WALL MT48
1	02252	CONDUIT CONNECTOR .375"STR	1	02490	VALVE BALL .5" 200# SWP
2	02266	CONDUIT SLEEVE .375" REDEYE	1	03346	VALVE BALL .5" W/LATCH 200 SWP
1	02530	CONTACTOR 50A 120V 3P UL/CSA	1	02637	VALVE SAFETY .5" 100# SWP 1" O
1	20838	CONTROLLER 04316-EBC-LED	1	04761	VALVE SOLENOID .375" 120V WATE
1	04781	COUPLING .5" BRASS B16.15 125	18	04278	WIRE #10 TGGT PTFE INS. W/GLAS
1	20775-11	COVER ELEMENT TERMINALS RB REV	3	03258	WIRE #14 STRANDED TYPE TEW 600
1	20775-7	COVER RIGHT ELEC BOX RB REV3	0	02963	WIRE #14 TEW STRD 105C 600 GRE
1	04229	DECAL SHEET	4	02744	WIRE NUT IDEAL UL/CSA
1	04813	DINCONNECTOR/CORD FOR RB BOILE	2	04789	WIRE SADDLE NYLON LOCKING
1	20848	DISC, ORF-30 30KW STEAM ORIFIC	1	04186	WIRE STRD #18 BLK TEW (16/30)
2	05014	ELEMENT 380V 15KW 3P BDIM 18.5	1	04187	WIRE STRD #18 WHITE TEW (16/30)
-2	20598	FLANGE BLIND 2.5" SQ. 4 BOLT			
2	04574	FUSE 250V 3 AMP UL/CSA			
-1	02655	FUSE 250V 5A UL/CSA			
-2	02281-TOPOG	GASKET 2.5"X .125"t 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			
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	20775-9	PUMP BASE MOUNTING BRACKET			
1	20775-8	PUMP BASE SOL VAL. RB REV3			
1	04760	SCREW 1/4"-20 X .75" PAN HEAD			
8	01291	SCREW 8-32X.25RNDHD SLT MCH ZI			
10	01246	SCREW 8-32X.375RDHD MCH PLT SL			
1	04700-HT	SKID 30" X 35.5" -HT RB rev3 H			
-1	04700	SKID 30" X 35.5" RB rev3			
1	03262	STRAINER .375" Y SB-584 C844			
1	04731	STUD PRESS-IN THREADED .25"-20			
1	RB30-SUBAS	SUBASSEMBLY RB 10 THRU 30 BOIL			
1	02176	TERMINAL LUG #8 HOMAC UL/CSA			