

CRN#

NATBLD#

61000

SERIAL#

62838

## OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

MODEL .....RBH30C3F  
WIRE DIAG.....WRBH30C3F  
WIRE SIZE.....12  
HZ.....60  
VOLTS.....208  
CONTROL VOLT....120.  
PHASE....3  
PRESSURE.....85  
KILOWATTS...30  
CAPACITY 104 BPH/BTU/HR

DAY/MONTH 16 / 3 2005  
VOLTS 208 AMPS 45 TOTAL WATTS 30000

PRESSURE 85 DIFF 1

Tested 240

Reimers Electra Steam, 4407 Matrinsburg, Pike  
Clear Brook, Va. 22624 PH 540-662-3811 FAX: 540-665-8101

HEATER VOLTS 208KW 30PH 3 HZ 60APPEARANCE ☒BLOWDOWN MAN ☒ AUTO ☒

CONDENSATE TANK

CONDENSATE &amp; PIPE, ECT

CONTROLS

ELEMENT

FEED HEATER VALVES

INSTRUCTION BOOK

LEAK INSPECTION

PAINT

PANEL

PIPES

PRESSURE CONTROLS

SHEET METAL

STEAM VALVE

STEAM GAUGE

STRANIER

WARNING TAGS

WATER GAUGE FITTINGS

WIRE TERMINALS TIGHT

WIRING DIA.

ELEMENT QTY. 2ELEMENT VOLT/KW 208V - 30KW

JURISDICTION = VA.

FUEL =ELECTRIC

EAM

HOT WATER

AX. W.P. 100 (NAMEPLATE)  
IN. SAFETY VALVE CAP. 105 PPH

MAX. W.P. 100 PSIG  
MAX. TEMP. 240 DEG F  
MIN. SAFETY VALVE CAP 105 PPH OR BTU  
(3412 X KW/1000)

SAFETY VALVE

CAPACITY 423  
LB PER HR.

OPERATIONAL  
TEST ☒

## HYDRO TEST OF COMPLETE BOILER

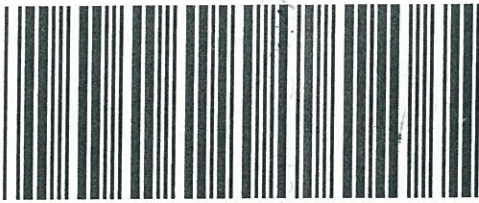
P.S.I.G. 100 BY JD DATE 3/16/05  
LOW WATER CUTOFF ☒ HI WATER CUTOFF ☒

## DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 1200 SAT ☒ UNSAT ☐ BY JD DATE 3/16/05 (IAW U.L. 834)  
(CORRECTED/RETEST) ☐ BY ☐ DATE ☐ CORRECTIVE ACTION ☐

NAMEPLATE: O.P. 100 KW 30 VOLTS 208 PH 3 HZ 60Representing Reimers Electra Steam, INC. BY(Print) Jeff Gumbly DATE 3/16/05Signature Jeff Gumbly

INITIAL & DATE OPERATING CONTROLS, SAFETY CONTROLS, SAFETY VALVE ON REVERSE SIDE UPON COMPLETION OF OPERATIONAL TEST PERFORMANCE  
(REF: ASME CSD-1, CG-500)



0005903

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## Work Order Traveler

SCHEDULED START: 03/08/05

DUE DATE: 03/09/05

ITEM NUMBER: **RB30C3F**QUANTITY: **1.00**DESCRIPTION: **BOILER RB 30KW 208V 3PH 100# S**

UNIT OF MEASUREMENT: EA

REVISION: 001

OPTION CODE:

MAKE FOR: I/M

PLANNER:

| STEP | QTY | PART  | DESCRIPTION                              | STEP | QTY | PART       | DESCRIPTION                    |
|------|-----|-------|------------------------------------------|------|-----|------------|--------------------------------|
| 0010 | 1   | 01104 | TEE .5" BLACK MALLEABLE IRON             | 0010 | 1   | 03949      | NIPPLE .5 X CLOSE BRASS (PARKE |
| 0010 | 1   | 01127 | BUSHING .5" X.375" HEX FORGED            | 0010 | 1   | 04025      | WIRE #14 TEW STRD 105C 600V WH |
| 0010 | 1   | 01179 | COPPER TUB..375ODX.032WALL AST           | 0010 | -2  | 04165      | ELEMENT 240V 10KW 3PH B-DIM.=1 |
| 0010 | 1   | 01180 | NIPPLE .75" X CLOSE BLACK EH             | 0010 | 6   | 04182      | WIRE PIN #12/10 (PK OF 100)    |
| 0010 | 16  | 01239 | SCREW 10-32 X .375" PAN HEAD M           | 0010 | 6   | 04183      | TERMINAL RING #12-10 WIRE #8 S |
| 0010 | 2   | 01249 | NUT 6-32HEX PLATED                       | 0010 | 2   | 04190      | TERMINAL SLIP-ON PIGGY BACK .2 |
| 0010 | 4   | 01347 | NUT 12-24 HEX STEEL PLATED               | 0010 | 1   | 04229      | DECAL SHEET                    |
| 0010 | 2   | 01833 | SCREW 6-32X.625RNDHD H.SMITH             | 0010 | 2   | 04231      | NUT & SLEEVE .5" BRASSCRAFT    |
| 0010 | 6   | 02128 | FUSE 250V 50A UL/CSA                     | 0010 | 0   | 04276      | TERMINAL STRIP 600V 35 AMP 10- |
| 0010 | 2   | 02142 | FUSE BLOCK 250V 60A 3P                   | 0010 | 2   | 04277      | ELEMENT 208V 15KW 3PH B-DIM=18 |
| 0010 | 1   | 02176 | TERMINAL LUG #8 HOMAC UL/CSA             | 0010 | 6   | 04281      | FUSE BLOCK COVER 250V 60A 1P   |
| 0010 | 1   | 02177 | TERMINAL LUG #4 HOMAC UL/CSA             | 0010 | 1   | 04301      | LABEL NAMEPLATE UL/CSA 3.48 X  |
| 0010 | 1   | 02325 | VALVE GLOBE .375"125#SWP H.WHE           | 0010 | 0   | 04308      | TAPE ALUMINUM FOIL DUCT 50YD R |
| 0010 | 1   | 02490 | VALVE BALL .5" 200# SWP                  | 0010 | 8   | 04440      | WIRE #8 TEFLON INS. W/GLASS SL |
| 0010 | 1   | 02530 | CONTACTOR 50A 120V 3P UL/CSA             | 0010 | 2   | 04447      | SCREW 10-24 X .375 RND HEAD SL |
| 0010 | 1   | 02585 | VALVE SOLENOID .375 120V WATER           | 0010 | 1   | 20654      | BRACKET SOLENOID VALVE         |
| 0010 | 1   | 02616 | BLOCK POWER DISTRIBUTION 3-2/0           | 0010 | 1   | 20658      | BRACKET FUSE (SET OF 2) RB8-30 |
| 0010 | 1   | 02637 | VALVE SAFETY .5" 100# SWP 1" O <i>9d</i> | 0010 | 1   | 20661      | COVER PUMP OPENING RB8-30      |
| 0010 | 1   | 02692 | VALVE CHECK .5" BALLCONE SPRIN           | 0010 | 1   | 20662      | BAFFLE GAUGE GLASS RB8-30      |
| 0010 | 1   | 02777 | NIPPLE .375 X 3 BLACK EXTRA              | 0010 | 1   | 20705      | POWER CABINET SUBASY           |
| 0010 | 3   | 02786 | NIPPLE .5" X CLOSE BLACK EH              | 0010 | 1   | 20714      | PNL LEFT SIDE RB 8-30          |
| 0010 | 1   | 02796 | NIPPLE .5" X 6" BLACK EH ASTM            | 0010 | 1   | 20721      | ELECTRONIC BOILER CONTROL (RB) |
| 0010 | 1   | 02986 | COUPLING .75" X .5" BLACK MALL           | 0010 | 1   | 20733      | COVER SOLENOID VALVE ADAPTER   |
| 0010 | 1   | 03087 | CARTON 30W 30L 30H SLOT 500#             | 0010 | 1   | ORF-30     | ORIFICE DRILLED #B (.236) FOR  |
| 0010 | 1   | 03258 | WIRE #14 STRND TEW 600 BLACK             | 0010 | 1   | RB30-EP120 | ELECTRICAL PANEL HP RB-30 SUBA |
| 0010 | 1   | 03262 | STRAINER .375" Y                         | 0010 | 1   | RB30-SUBAS | SUBASSEMBLY RB 10 THRU 30 BOIL |
| 0010 | 1   | 03346 | VALVE BALL .5" W/LATCH 200 SWP           |      |     |            |                                |
| 0010 | 1   | 03470 | FUSE 250V 3A UL/CSA                      |      |     |            |                                |
| 0010 | 2   | 03510 | TERMINAL SLIP-ON FEM .250X.032           |      |     |            |                                |
| 0010 | 2   | 03561 | LOCKWASHER 3/16" EXTERNAL TOOT           |      |     |            |                                |
| 0010 | 1   | 03716 | SKID-5 MODIFIED 30 X 30 INCHES           |      |     |            |                                |
| 0010 | 1   | 03747 | CONNECTOR.5"TUBEX.25"NPT MALE            |      |     |            |                                |
| 0010 | 2   | 03760 | COPPER TUBE REF.5"ODX.032WALL            |      |     |            |                                |
| 0010 | 1   | 03763 | ELBOW .5" TUBE X .5" NPT NO NUT          |      |     |            |                                |
| 0010 | 0   | 03818 | TICKET HOLDER FOR SHOP CLEAR F           |      |     |            |                                |
| 0010 | 1   | 03923 | ELBOW .5" TUBE X .375" NPT               |      |     |            |                                |
| 0010 | 1   | 03946 | ELBOW STREET .375 BRASS                  |      |     |            |                                |
| 0010 | 3   | 03948 | NIPPLE .375 X CLOSE BRASS                |      |     |            |                                |

04316 Relay  
02391 Pressure Gauge 9d  
04163 Pressure Control 9d  
04296 Pressure Control 9d