

CRN#

NATBLD#

67058

SERIAL#

68968

MODEL .....RB30C3F  
WIRE DIAG.....WRB30C3F  
WIRE SIZE.....12  
HZ.....60  
VOLTS.....208  
CONTROL VOLT....120.  
PHASE....3  
PRESSURE.....  
KILOWATTS...30  
CAPACITY 104 BPH/BTU/HR

## OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

DAY/MONTH 8/1 2010VOLTS 208 AMPS 96.9 TOTAL WATTS 30KWPRESSURE 40 DIFF 5HEATER VOLTS 208KW 30PH 3HZ 60

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

TEAM

HOT WATER

MAX. W.P. 100 (NAMEPLATE)  
MIN. SAFETY VALVE CAP. 105 PPH

MAX. W.P. \_\_\_\_\_ PSIG  
MAX. TEMP. \_\_\_\_\_ DEG F  
MIN. SAFETY VALVE CAP \_\_\_\_\_ PPH OR BTU  
(3412 X KW/ )

## HYDRO TEST OF COMPLETE BOILER

P.S.I.G. 100 BY OC DATE 1/8/10

LOW WATER CUTOFF \_\_\_\_\_ HI WATER CUTOFF \_\_\_\_\_

## DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 1200 SAT ☒ UNSAT \_\_\_\_\_ BY OC DATE 1/8/10 (IAW U.L. 834)

(CORRECTED/RETEST) \_\_\_\_\_ BY \_\_\_\_\_ DATE \_\_\_\_\_ CORRECTIVE ACTION \_\_\_\_\_

## SAFETY VALVE

CAPACITY 423  
LB PER HR.OPERATIONAL  
TEST ☒APPEARANCE ☒BLOWDOWN MAN ☒ AUTO \_\_\_\_\_

CONDENSATE TANK \_\_\_\_\_

CONDENSATE &amp; PIPE, ECT \_\_\_\_\_

CONTROLS ☒ELEMENT ☒FEED WATER 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 208 15

JURISDICTION = VA.

FUEL =ELECTRIC

NAMEPLATE: O.P. 100 KW 30 VOLTS 208 PH 3 HZ 60Representing Reimers Electra Steam, INC. BY(Print) David B. Coffey DATE 1/8/10Signature David B. Coffey

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



0016348

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## Work Order Traveler

SCHEDULED START: 01/05/10

DUE DATE: 01/06/10

QUANTITY: 1.00

UNIT OF MEASUREMENT: EA

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

REVISION: 003

OPTION CODE:

MAKE FOR: I/M

PLANNER:

| QTY | PART       | DESCRIPTION                    | QTY | PART  | DESCRIPTION                    |
|-----|------------|--------------------------------|-----|-------|--------------------------------|
| 1   | 02616      | BLOCK POWER DISTRIBUTION 3-2/0 | 1   | 03346 | VALVE BALL .5" W/LATCH 200 SWP |
| 1   | 20654      | BRACKET SOLENOID VALVE         | 1   | 02325 | VALVE GLOBE .375"125#SWP H.WHE |
| 1   | 04462      | BUSHING .375 X .25 BRASS SB16  | 1   | 02637 | VALVE SAFETY .5" 100# SWP 1" O |
| 1   | 04701      | CARTON RB 30W 35L 28.75H SLOT  | 1   | 04761 | VALVE SOLENOID .375" 120V WATE |
| 2   | 02530      | CONTACTOR 50A 120V 3P UL/CSA   | 8   | 04440 | WIRE #8 TEFLON INS. W/GLASS SL |
| 1   | 20838      | CONTROLLER 04316-EBC-LED       |     |       |                                |
| 1   | 04781      | COUPLING .5" BRASS B16.15 125  |     |       |                                |
| 1   | 20775-11   | COVER ELEMENT TERMINALS RB REV |     |       |                                |
| 1   | 20775-7    | COVER RIGHT ELEC BOX RB REV3   |     |       |                                |
| 1   | 04229      | DECAL SHEET                    |     |       |                                |
| 1   | 04813      | DINCONNECTOR/CORD FOR RB BOILE |     |       |                                |
| 2   | 02998      | ELBOW .375" 90 DEG. BRASS      |     |       |                                |
| 1   | 03923      | ELBOW .5" TUBE X .375" NPT     |     |       |                                |
| 2   | 04277      | ELEMENT 208V 15KW 3PH B-DIM=18 |     |       |                                |
| 1   | 02655      | FUSE 250V 5A UL/CSA            |     |       |                                |
| 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" HEAVY STEEL HE |     |       |                                |
| 1   | 20840      | MANIFOLD FEED WATER SUBASSY RB |     |       |                                |
| 1   | 04668      | NIPPLE .25" X 1.125" BRASS SCH |     |       |                                |
| 1   | 04635      | NIPPLE .375 X 2" BRASS SB43 GR |     |       |                                |
| 2   | 03948      | NIPPLE .375 X CLOSE BRASS SCH4 |     |       |                                |
| 1   | 04784      | NIPPLE .375" X 4" BRASS ASTM B |     |       |                                |
| 1   | 04787      | NUT .25-20 ZINC PLATED         |     |       |                                |
| 2   | 01351      | NUT .25-20HEX JAM PLATE        |     |       |                                |
| 1   | ORF-20     | ORIFICE DRILLED #10 (.193) RB  |     |       |                                |
| 1   | 20775-13   | POWER CABINET FOR 2-PH RB BOIL |     |       |                                |
| 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 ASS |     |       |                                |
| 1   | 04593      | SCREW .25-20 X .75 HEX CAP PLA |     |       |                                |
| 1   | 04760      | SCREW 1/4"-20 X .75" PAN HEAD  |     |       |                                |
| 2   | 04447      | SCREW 10-24 X .375 RND HEAD SL |     |       |                                |
| 8   | 01291      | SCREW 8-32X.25RNDHD SLT MCH ZI |     |       |                                |
| 13  | 01246      | SCREW 8-32X.375RDHD MCH PLT SL |     |       |                                |
| 1   | 03262      | STRAINER .375" Y               |     |       |                                |
| 1   | 04731      | STUD PRESS-IN THREADED .25"-20 |     |       |                                |
| 1   | RB30-SUBAS | SUBASSEMBLY RB 10 THRU 30 BOIL |     |       |                                |
| 6   | 04080      | TERMINAL RING FOR # 8 AWG WIR  |     |       |                                |