

CRN#

NATBLD#

SERIAL#

67353

69265

## OPERATIONAL TEST/ELECTRIC AND STEAM

MODEL .....RBH20E1F  
WIRE DIAG.....  
WIRE SIZE.....12  
HZ.....60  
VOLTS.....240  
CONTROL VOLT....120.  
PHASE....1  
PRESSURE.....  
KILOWATTS...20  
CAPACITY 69 PPH/BTU/HR

UL FILE # E39545

DAY/MONTH 31 / 3 2010VOLTS 240 AMPS 82.6 TOTAL WATTS 20KPRESSURE 80 DIFF 5HEATER VOLTS 240KW 20PH 1 HZ 60

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

STEAM

HOT WATER

MAX. W.P. 160 (NAMEPLATE)  
MIN. SAFETY VALVE CAP. 70 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 3/31/10

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

## SAFETY VALVE

CAPACITY 423  
LB PER HR.

OPERATIONAL  
TEST ✓

## DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 1200 SAT ✓ UNSAT \_\_\_\_\_ BY OC DATE 3/31/10 (IAW U.L. 834)

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

APPEARANCE ✓  
BLOWDOWN MAN ✓ AUTO \_\_\_\_\_  
CONDENSATE TANK \_\_\_\_\_  
CONDENSATE & 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. 2  
ELEMENT VOLT/KW 240 10  
JURISDICTION = VA.  
FUEL =ELECTRIC

NAMEPLATE: O.P. 100 KW 20 VOLTS 240 PH 1 HZ 60Representing Reimers Electra Steam, INC. BY(Print) David B. Collier DATE 3/31/10Signature D. B. Collier

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



0016717

Page: 1

## Work Order Traveler

SCHEDULED START: 02/26/10

DUE DATE: 03/01/10

ITEM NUMBER: RBH20E1F

QUANTITY: 1.00

DESCRIPTION: BOILER RBH 20KW 240V 1 PH 100#

UNIT OF MEASUREMENT: EACH

REVISION: 003

OPTION CODE:

MAKE FOR: I/M

PLANNER:

| QTY | PART     | DESCRIPTION                    | QTY | PART       | DESCRIPTION                    |
|-----|----------|--------------------------------|-----|------------|--------------------------------|
| 1   | 20654    | BRACKET SOLENOID VALVE         | 4   | 01579      | SCREW 8-32X1RND SLT PLATED STL |
| 1   | 04462    | BUSHING .375 X .25 BRASS SB16  | 1   | 03262      | STRAINER .375" Y               |
| 1   | 04701    | CARTON RB 30W 35L 28.75H SLOT  | 1   | 04731      | STUD PRESS-IN THREADED .25"-20 |
| 2   | 02530    | CONTACTOR 50A 120V 3P UL/CSA   | 1   | RB30-SUBAS | SUBASSEMBLY RB 10 THRU 30 BOIL |
| 1   | 20838    | CONTROLLER 04316-EBC-LED       | 6   | 04080      | TERMINAL RING FOR # 8 AWG WIR  |
| 1   | 03760    | COPPER TUBE REF.5"ODX.032WALL  | 1   | 03346      | VALVE BALL .5" W/LATCH 200 SWP |
| 1   | 04781    | COUPLING .5" BRASS B16.15 125  | 1   | 02325      | VALVE GLOBE .375"125#SWP H.WHE |
| 1   | 20775-11 | COVER ELEMENT TERMINALS RB REV | 1   | 02637      | VALVE SAFETY .5" 100# SWP 1" O |
| 1   | 20775-7  | COVER RIGHT ELEC BOX RB REV3   | 1   | 04761      | VALVE SOLENOID .375" 120V WATE |
| 1   | 04229    | DECAL SHEET                    | 4   | 03720      | WASHER FOR PUMP RUBBER BUMPERS |
| 1   | 04813    | DINCONNECTOR/CORD FOR RB BOILE | 10  | 04440      | WIRE #8 TEFLON INS. W/GLASS SL |
| 1   | 03923    | ELBOW .5" TUBE X .375" NPT     |     |            |                                |
| 1   | 04264    | ELBOW CONNECTOR .5" TUBE X .37 |     |            |                                |
| 1   | 04265    | ELBOW STREET .375 NPT POLYPROP |     |            |                                |
| -2  | 04164    | ELEMENT 208V 10KW 3PH B-DIM.=1 |     |            |                                |
| 2   | 04165    | ELEMENT 240V 10KW 3PH B-DIM.=1 |     |            |                                |
| 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 |     |            |                                |
| 2   | 03561    | LOCKWASHER 3/16" EXTERNAL TOOT |     |            |                                |
| 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   | 04178    | PUMP 120V 1PH W/CORD POSITIVE  |     |            |                                |
| 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 |     |            |                                |
| 10  | 01246    | SCREW 8-32X.375RDHD MCH PLT SL |     |            |                                |

OPT1008

DC 3/31/10  
DC 3/31/10