

CRN#

NATBLD#

67860

SERIAL#

69778

## OPERATIONAL TEST/ELECTRIC AND STEAM

MODEL .....RBH30J3F  
DIAG.....  
WIRE SIZE...12  
HZ.....50  
VOLTS.....415  
CONTROL VOLT....220.  
PHASE...3  
PRESSURE.....40  
KILOWATTS...30  
CAPACITY 104 PPH/BTU/HR

UL FILE # E39545

DAY/MONTH 8 / 9 200 10

VOLTS 415 AMPS 24.3 TOTAL WATTS 30K

PRESSURE 40 DIFF 5

Amps TESTED ON 240V

Reimers Electra Steam, 4407 Matrinsburg, Pike

Clear Brook, Va. 22624 PH 540-662-3811 FAX: 540-665-8101

HEATER VOLTS 415

KW 30

PH 3 HZ 50

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. 2

ELEMENT VOLT/KW 240 15

JURISDICTION = VA.

FUEL =ELECTRIC

STEAM

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 DC DATE 9/8/10  
LOW WATER CUTOFF HI WATER CUTOFF

## DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 2200 SAT ✓ UNSAT BY DC DATE 9/8/10 (IAW U.L. 834)

(CORRECTED/RETEST) BY DATE CORRECTIVE ACTION

## SAFETY VALVE

CAPACITY 423  
LB PER HR.

OPERATIONAL  
TEST ✓

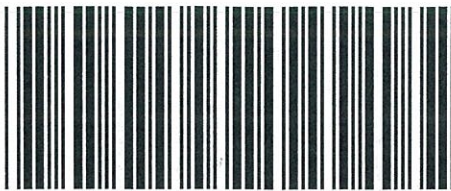
NAMEPLATE: O.P. 100 KW 30 VOLTS 415 PH 3 HZ 60

Representing Reimers Electra Steam, INC. BY(Print) David E. Coffey DATE 9/8/10

Signature [Signature]

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

20f3



0017986

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## Work Order Traveler

SCHEDULED START: 08/23/10

DUE DATE: **08/26/10**ITEM NUMBER: **RBH30J3F**QUANTITY: ~~3.00~~ 1.00DESCRIPTION: **BOILER RBH 30KW 415V 3PH 100#**

UNIT OF MEASUREMENT: EACH

REVISION: 003

OPTION CODE:

MAKE FOR: I/M

PLANNER:

| QTY | PART     | DESCRIPTION                                     | QTY | PART       | DESCRIPTION                                     |
|-----|----------|-------------------------------------------------|-----|------------|-------------------------------------------------|
| 3   | 20654    | BRACKET SOLENOID VALVE                          | 3   | 04593      | SCREW .25-20 X .75 HEX CAP PLA                  |
| 3   | 04462    | BUSHING .375 X .25 BRASS SB16                   | 3   | 04760      | SCREW 1/4"-20 X .75" PAN HEAD                   |
| 3   | 04701    | CARTON RB 30W 35L 28.75H SLOT                   | 6   | 04447      | SCREW 10-24 X .375 RND HEAD SL                  |
| 2   | 02240    | CONDUIT ALFLEX type SWA .375"                   | 24  | 01291      | SCREW 8-32X.25RNDHD SLT MCH ZI                  |
| 3   | 03844    | CONDUIT CONNECTOR .375" DUPLEX                  | 30  | 01246      | SCREW 8-32X.375RDHD MCH PLT SL                  |
| 3   | 02252    | CONDUIT CONNECTOR .375"STR UL                   | 12  | 01579      | SCREW 8-32X1RND SLT PLATED STL                  |
| 6   | 02266    | CONDUIT SLEEVE .375" REDEYE                     | 3   | 03262      | STRAINER .375" Y                                |
| 3   | 02530    | CONTACTOR 50A 120V 3P UL/CSA                    | 3   | 04731      | STUD PRESS-IN THREADED .25"-20                  |
| 3   | 20838    | CONTROLLER 04316-EBC-LED                        | 3   | RB30-SUBAS | SUBASSEMBLY RB 10 THRU 30 BOIL                  |
| 3   | 03760    | COPPER TUBE REF.5"ODX.032WALL                   | 3   | 02176      | TERMINAL LUG #8 HOMAC UL/CSA                    |
| 3   | 04781    | COUPLING .5" BRASS B16.15 125                   | 18  | 04080      | TERMINAL RING FOR # 8 AWG WIR                   |
| 3   | 20775-11 | COVER ELEMENT TERMINALS RB REV                  | 18  | 04183      | TERMINAL RING #12-10 WIRE #8 S                  |
| 3   | 20775-7  | COVER RIGHT ELEC BOX RB REV3                    | 3   | 02475      | TRANSFORMER .25KVA B WALL MT48                  |
| 3   | 04229    | DECAL SHEET                                     | 3   | 03346      | VALVE BALL .5" W/LATCH 200 SWP                  |
| 3   | 04813    | DINCONNECTOR/CORD FOR RB BOILE                  | 3   | 02325      | VALVE GLOBE .375"125#SWP H.WHE                  |
| 3   | 03923    | ELBOW .5" TUBE X .375" NPT                      | 3   | 02637      | VALVE SAFETY .5" 100# SWP 1" O <i>OC 9/8/10</i> |
| 3   | 04264    | ELBOW CONNECTOR .5" TUBE X .37                  | 3   | 04761      | VALVE SOLENOID .375" 120V WATE                  |
| 3   | 04265    | ELBOW STREET .375 NPT POLYPROP                  | 12  | 03720      | WASHER FOR PUMP RUBBER BUMPERS                  |
| -6  | 04164    | ELEMENT 208V 10KW 3PH B-DIM.=1                  | 54  | 04278      | WIRE #10 TEFLON INS. W/GLASS S                  |
| 6   | 04253    | ELEMENT 240V 15KW 3PH B-DIM=18                  | 8   | 03258      | WIRE #14 STRND TEW 600 BLACK                    |
| 6   | 04574    | FUSE 250V 3 AMP UL/CSA                          | 1   | 02963      | WIRE #14 TEW STRD 105C 600 GRE                  |
| -3  | 02655    | FUSE 250V 5A UL/CSA                             | 12  | 02744      | WIRE NUT IDEAL UL/CSA                           |
| 3   | 02140    | FUSE BLOCK 250V 30A 1P UL/CSA                   | 4   | 04186      | WIRE STRD #18 TEW (16/30) BLAC                  |
| 6   | 04768    | GAUGE ROD .1875" X 7"                           | 4   | 04187      | WIRE STRD #18 TEW (16/30) WHIT                  |
| 3   | 20862    | LABEL MAX. TORQUE 40. LB IN /0                  |     |            |                                                 |
| 3   | 20860    | LABEL MAX. TORQUE 7.0 LB IN /0                  |     |            |                                                 |
| 3   | 04301    | LABEL NAMEPLATE UL/CSA 3.48 X                   |     |            |                                                 |
| 6   | 03077    | LOCKWASHER .25" HEAVY STEEL HE                  |     |            |                                                 |
| 6   | 03561    | LOCKWASHER 3/16" EXTERNAL TOOT                  |     |            |                                                 |
| 3   | 20840    | MANIFOLD FEED WATER SUBASSY RB                  |     |            |                                                 |
| 3   | 04668    | NIPPLE .25" X 1.125" BRASS SCH                  |     |            |                                                 |
| 6   | 03948    | NIPPLE .375 X CLOSE BRASS SCH4                  |     |            |                                                 |
| 3   | 04784    | NIPPLE .375" X 4" BRASS ASTM B                  |     |            |                                                 |
| 3   | 04787    | NUT .25-20 ZINC PLATED                          |     |            |                                                 |
| 6   | 01351    | NUT .25-20HEX JAM PLATE                         |     |            |                                                 |
| 3   | ORF-30   | ORIFICE DRILLED #B (.236) FOR                   |     |            |                                                 |
| 3   | 04163    | PRESSURE CONTROL 60# OPERATING <i>OC 9/8/10</i> |     |            |                                                 |
| 3   | 04296    | PRESSURE CONTROL 90# HI LIMIT <i>OC 9/8/10</i>  |     |            |                                                 |
| 3   | 20842    | PRESSURE CONTROL MANIFOLD RB R                  |     |            |                                                 |
| 3   | 04661    | PRESSURE GAUGE 2.0" .25" 0-160                  |     |            |                                                 |
| 3   | 04178    | PUMP 120V 1PH W/CORD POSITIVE                   |     |            |                                                 |
| 3   | 20775-9  | PUMP BASE MOUNTING BRACKET                      |     |            |                                                 |
| 3   | 20775-8  | PUMP BASE SOL VAL. RB REV3 ASS                  |     |            |                                                 |

**OPT1025****OPT1009-380-RBH**