

CRN# \_\_\_\_\_

NATBLD# \_\_\_\_\_

67762

SERIAL# \_\_\_\_\_

69680

MODEL .....RXH100C3F  
WIRE DIAG.....W  
WIRE SIZE.....6  
HZ.....60  
VOLTS.....208  
CONTROL VOLT....120.  
PHASE.....3  
PRESSURE.....  
KILOWATTS...90  
CAPACITY 313 BPH/BTU/HR

## OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

DAY/MONTH 18 / 10 20 10VOLTS 208 AMPS 277.5 TOTAL WATTS 100,000PRESSURE 80 DIFF 5TEST 240 V 297.2 A

Reimers Electra Steam, 4407 Matrinsburg, Pike

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

HEATER VOLTS 208KW 100PH 3 HZ 60APPEARANCE ✓BLOWDOWN MAN N/A AUTO ✓CONDENSATE TANK N/ACONDENSATE & PIPE, ECT N/ACONTROLS ✓ELEMENT ✓FEED HEATER VALVES ✓INSTRUCTION BOOK ✓LEAK INSPECTION ✓PAINT ✓PANEL ✓PIPES ✓PRESSURE CONTROLS ✓SHEET METAL ✓STEAM VALVE ✓STEAM GAUGE ✓STRANIER N/AWARNING TAGS ✓WATER GAUGE FITTINGS ✓WIRE TERMINALS TIGHT ✓WIRING DIA. ✓ELEMENT QTY. 4ELEMENT VOLT/KW 208/25

JURISDICTION = VA.

FUEL =ELECTRIC

## TEAM

## HOT WATER

MAX. W.P. 100 (NAMEPLATE)  
MIN. SAFETY VALVE CAP. 350 PPH

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

## HYDRO TEST OF COMPLETE BOILER

P.S.I.G. 100 BY OC DATE 10/18/10  
LOW WATER CUTOFF ✓ HI WATER CUTOFF ✓

## SAFETY VALVE

CAPACITY 423  
LB PER HR.

OPERATIONAL  
TEST ✓

## DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 1200 SAT ✓ UNSAT \_\_\_\_\_ BY BSS DATE 10/18/10 (IAW U.L. 834)

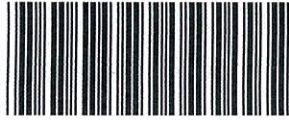
(CORRECTED/RETEST) \_\_\_\_\_ BY \_\_\_\_\_ DATE \_\_\_\_\_ CORRECTIVE ACTION \_\_\_\_\_

NAMEPLATE: O.P. 100 KW 100 VOLTS 208 PH 3 HZ 60

Representing Reimers Electra Steam, INC. BY(Print) BRAD BUTTS DATE 10/18/10

Signature Brad Butts

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



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## Work Order Traveler

SCHEDULED START: 10/05/10  
DUE DATE: 10/08/10ITEM NUMBER: **RXH100C3F**  
DESCRIPTION: **BOILER RH 100KW 208V 3PH 100#**  
REVISION: 001  
OPTION CODE:QUANTITY: **1.00**  
UNIT OF MEASUREMENT: EAMAKE FOR: I/M  
PLANNER:

| QTY | PART      | DESCRIPTION                    | QTY | PART     | DESCRIPTION                    |
|-----|-----------|--------------------------------|-----|----------|--------------------------------|
| 1   | 02618     | BLOCK POWER DISTRIBUTION 3/500 | 2   | 02951    | KNOCKOUT SEAL .5"              |
| 1   | 20364-7A  | BRACE BOX R100 & 120 NEWSTYLE  | 1   | 20861    | LABEL MAX. TORQUE 10. LB IN/O  |
| 1   | 04167     | BUSHING .5" X .125" HEX BLACK  | 1   | 04301    | LABEL NAMEPLATE UL/CSA 3.48 X  |
| 1   | 01128     | BUSHING .5X.25 HEX BLACK       | 15  | 01345    | LOCKWASHER .3125" SPRING/SPLIT |
| 1   | 01124     | BUSHING .75" X .5" HEX BLACK M | 2   | 04522    | NIPPLE .5" X 1.5" BRASS        |
| 1   | 01121     | BUSHING 1" X .5" HEX BLACK     | 2   | 02787    | NIPPLE .5" X 1.5" BLACK EH     |
| 2   | 04528     | CABLE TIE MOUNT                | 4   | 02788    | NIPPLE .5" X 2" BLACK EH       |
| 4   | 02240     | CONDUIT ALFLEX type SWA .375"  | 2   | 02789    | NIPPLE .5" X 2.5" BLACK EH     |
| 5   | 02245     | CONDUIT ALFLEX type SWA 1.5" U | 1   | 02790    | NIPPLE .5" X 3" BLACK EH       |
| 2   | 02246     | CONDUIT CONNECTOR .375" 90 DEG | 1   | 02796    | NIPPLE .5" X 6" BLACK EH       |
| 1   | 02252     | CONDUIT CONNECTOR .375"STR UL  | 1   | 04526    | NIPPLE .5" X 6" BRASS SB43 GRO |
| 2   | 02247     | CONDUIT CONNECTOR .5" X 90 DEG | 1   | 02786    | NIPPLE .5" X CLOSE BLACK EH    |
| 4   | 02251     | CONDUIT CONNECTOR 1.5" X 90 DE | 1   | 02807    | NIPPLE .75" X 9" BLACK EH      |
| 1   | 02747     | CONDUIT CONNECTOR 90 DEG.375"4 | 2   | 01180    | NIPPLE .75" X CLOSE BLACK EH   |
| 4   | 02956     | CONDUIT SLEEVE 1.25" T&B UL/CS | 1   | 02806    | NIPPLE .75"X6" BLACK EH        |
| 1   | 03445     | CONTACTOR 35A 120V 2P UL/CSA   | 1   | 02803    | NIPPLE .75X4.5 BLACK EXHEAVY   |
| 4   | 02539     | CONTACTOR 75A 120V 3P UL/CSA   | 1   | 02817    | NIPPLE 1.25 X CLOSE BLACK EXHV |
| 1   | 20838     | CONTROLLER 04316-EBG-LED       | 1   | 02820    | NIPPLE 1.25X4 BLACK EH         |
| 1   | 03021     | COUPLING FULL .5" NPT 3000#    | 21  | 01221    | NUT .3125-18 HEX MACH. SCREW Z |
| 1   | 02234     | CRATE 37"W X 76"L X 40"H DOMES | 16  | 01168    | NUT .625"-11 HEAVY HEX STEEL   |
| 1   | 02988     | CROSS .5" BLACK MALLEABLE IRON | 4   | 01147    | PIPE PLUG .5" SQUARE HEAD FRGD |
| 1   | 04525     | CROSS .5" BRASS B62 CR36       | 1   | 04776    | PIPE PLUG .75" NPT COUNTERSUNK |
| 1   | 04229     | DECAL SHEET                    | 1   | 04296    | PRESSURE CONTROL 90# HI LIMIT  |
| 1   | 01162     | ELBOW .25" BRASS FEMALE        | 1   | 20763    | PRESSURE CONTROL MANIFOLD R-24 |
| 3   | 01094     | ELBOW .5" X 90 DEG. BLACK MALL | 1   | 02329    | PRESSURE GAUGE 2.5" 160#MT23   |
| 3   | 01133     | ELBOW .5X90 DEG. STREET BLACK  | 1   | 02499    | PROPORTIONAL CONTROL 5-150# HW |
| 1   | 01095     | ELBOW .75" X 90 DEG. BLACK     | 1   | 20767    | PUMP ASSEMBLY RH 24-120        |
| 1   | 01097     | ELBOW 1.25" X 90 DEG. BLACK    | 1   | 20343-4  | PUMP PLATE RH 24-120 5 X8      |
| 2   | 02997     | ELBOW STREET .25" 90 DEG.      | 4   | 01246    | SCREW 8-32X.375RDHD MCH PLT SL |
| 1   | 20292-14B | ELECTRIC BOX SUPPORT 46.5" X 1 | 1   | R-120A   | SHELL R100-120 (COMPLETE NEW)  |
| 1   | 20084B    | ELECTRICAL ENCLOSURE 26" X 30" | 2   | 04529    | STANDOFF HEX 1.5" X .375" FOR  |
| 1   | 20757     | ELECTRICAL PNL ASSY R36-120 LE | 1   | 20802    | STEP CONTROL 4 STEP            |
| 4   | 02608     | ELEMENT 240V 30KW 3P SS SHEATH | 4   | 04213    | SWITCH ILLUMINATED RED W/WHITE |
| 4   | 02022     | FLANGE GASKET 2" RING          | 1   | 20084B-8 | SWITCH PANEL FOR ELECTRICAL BN |
| 1   | 02125     | FUSE 250V 15A UL/CSA           | 2   | 04400    | SYPHON TUBE .25" BRASS SB43 GR |
| 1   | 02655     | FUSE 250V 5A UL/CSA            | 0   | 04308    | TAPE ALUMINUM FOIL DUCT 60YD R |
| 12  | 02129     | FUSE 250V 80A UL/CSA           | 5   | 01104    | TEE .5" BLACK MALLEABLE IRON   |
| 4   | 02144     | FUSE BLOCK 250V 100A 3P UL/CSA | 1   | 04523    | TEE .5" BRASS SB62 CR36        |
| 1   | 02420     | GAUGE GLASS 5.875"X.625" PYREX | 2   | 01103    | TEE .75" BLACK MALLEABLE IRON  |
| 1   | MBJ-9     | GAUGE GLASS SAFETY ROD R-MODEL | 1   | 04564    | TEE REDUCING BRASS .5" X .5" X |
| 1   | 02522     | GAUGE PROTECTOR 6" U-SHAPE     | 12  | 02176    | TERMINAL LUG #8 HOMAC UL/CSA   |
| 1   | 04692     | GROUND STRAP #4 BRAIDED        | 0   | 04276    | TERMINAL STRIP 600V 35 AMP 10- |
| 30  | 02030     | INSULATION 2" X 48" X 100' FIB | 1   | 03818    | TICKET HOLDER FOR SHOP CLEAR F |



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SCHEDULED START: 10/05/10  
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DESCRIPTION: **BOILER RH 100KW 208V 3PH 100#**  
REVISION: 001  
OPTION CODE:QUANTITY: **1.00**  
UNIT OF MEASUREMENT: EAMAKE FOR: I/M  
PLANNER:

| QTY     | PART    | DESCRIPTION                    | QTY | PART | DESCRIPTION |
|---------|---------|--------------------------------|-----|------|-------------|
| 1       | 01088   | UNION .5" BLACK MALLEABLE IRON |     |      |             |
| 1       | 02490   | VALVE BALL .5" 200# SWP        |     |      |             |
| 1       | 03802   | VALVE BALL .75" W/LATCH 200# S |     |      |             |
| 1       | 03254   | VALVE GAUGE TEST .25"          |     |      |             |
| 1       | 02712   | VALVE GLOBE 1.25"125#SWP       |     |      |             |
| 1       | 02637   | VALVE SAFETY .5" 100# SWP 1" O |     |      |             |
| 1       | 02396   | WATER GAUGE SET STANDARD SHANK |     |      |             |
| 10      | 04439   | WIRE #18 TGGT 600V 250C UL/CSA |     |      |             |
| 1       | 02209SS | WRAPPER END 20" 20103REV.B 16G |     |      |             |
| 1       | 20843   | WRAPPER END 20" W/2" HOLE      |     |      |             |
| 1       | 20062A  | WRAPPER R100-120 (NEW)         |     |      |             |
| 1       | 04163   | PRESS. CONTROL                 |     |      |             |
| OPT1016 |         |                                |     |      |             |