

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

NATBLD# 68222 SERIAL# 70143

MODEL .....RX100K3F  
WIRE DIAG.....W  
WIRE SIZE.....10  
HZ.....60  
VOLTS.....480  
CONTROL VOLT....120.  
PHASE....3  
PRESSURE..... 60  
KILOWATTS...100  
CAPACITY 348 BPH/BTU/HR

## OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

DAY/MONTH 14 / 6 20 11VOLTS 480 AMPS 121.6 TOTAL WATTS 100,000PRESSURE 25 DIFF 4HEATER VOLTS 480KW 100PH 3 HZ 60

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

APPEARANCE ✓BLOWDOWN MAN ✓ AUTO N/ACONDENSATE 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 ✓WARNING TAGS ✓WATER GAUGE FITTINGS ✓WIRE TERMINALS TIGHT ✓WIRING DIA. ✓ELEMENT QTY. 4ELEMENT VOLT/KW 480/25

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)

## HYDRO TEST OF COMPLETE BOILER

P.S.I.G. 100 BY OC DATE 6/14/11  
LOW WATER CUTOFF ✓ HI WATER CUTOFF ✓

## DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 2352 SAT ✓ UNSAT \_\_\_\_\_ BY BSB DATE 6/14/11 (IAW U.L. 834)

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

## SAFETY VALVE

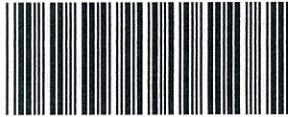
CAPACITY 423  
LB PER HR.

OPERATIONAL  
TEST ✓

NAMEPLATE: O.P. 100 KW 100 VOLTS 480 PH 3 HZ 60Representing Reimers Electra Steam, INC. BY(Print) BRAD BUTTS DATE 6/14/11Signature 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: 05/31/11  
DUE DATE: 06/01/11ITEM NUMBER: **RX100K3F**  
DESCRIPTION: **BOILER R 100KW 480V 3PH 100# S**  
REVISION: 001  
OPTION CODE:QUANTITY: **1.00**  
UNIT OF MEASUREMENT: EAMAKE FOR: I/M  
PLANNER:

| QTY | PART      | DESCRIPTION                    | QTY | PART   | DESCRIPTION                    |
|-----|-----------|--------------------------------|-----|--------|--------------------------------|
| 1   | 02616     | BLOCK POWER DISTRIBUTION 3-20  | 1   | 20861  | LABEL MAX. TORQUE 10. LB IN /0 |
| 1   | 20364-7A  | BRACE BOX R100 & 120 NEWSTYLE  | 1   | 04301  | LABEL NAMEPLATE UL/CSA 3.48 X  |
| 1   | 20350-14  | BRACE SOLENOID R-MODEL 24-80 / | 15  | 01345  | LOCKWASHER .3125" SPRING/SPLIT |
| 1   | 01128     | BUSHING .5X.25 HEX BLACK       | 2   | 04522  | NIPPLE .5 X 1.5" BRASS         |
| 1   | 01124     | BUSHING .75" X .5" HEX BLACK M | 3   | 02788  | NIPPLE .5" X 2" BLACK EH       |
| 1   | 01121     | BUSHING 1" X .5" HEX BLACK     | 1   | 02791  | NIPPLE .5" X 3.5" BLACK EH     |
| 2   | 04528     | CABLE TIE MOUNT                | 3   | 02792  | NIPPLE .5" X 4" BLACK EH       |
| 2   | 02243     | CONDUIT 1" FLEXIBLE STEEL U.L. | 1   | 02796  | NIPPLE .5" X 6" BLACK EH       |
| 2   | 02244     | CONDUIT ALFLEX type SWA 1.25"  | 1   | 04526  | NIPPLE .5" X 6" BRASS SB43 GRO |
| 3   | 02240     | CONDUIT ALFLEX type SWA .375"  | 6   | 02786  | NIPPLE .5" X CLOSE BLACK EH    |
| 2   | 02246     | CONDUIT CONNECTOR .375" 90 DEG | 1   | 02807  | NIPPLE .75" X 9" BLACK EH      |
| 2   | 02252     | CONDUIT CONNECTOR .375" STR    | 2   | 01180  | NIPPLE .75" X CLOSE BLACK EH   |
| 4   | 02250     | CONDUIT CONNECTOR 1.25" 90 DEG | 1   | 02806  | NIPPLE .75" X 6" BLACK EH      |
| 4   | 02956     | CONDUIT SLEEVE 1.25" T&B UL/CS | 1   | 02803  | NIPPLE .75X4.5 BLACK EXHEAVY   |
| 1   | 03445     | CONTACTOR 35A 120V 2P UL/CSA   | 1   | 02817  | NIPPLE 1.25 X CLOSE BLACK EXHV |
| 4   | 02530     | CONTACTOR 50A 120V 3P UL/CSA   | 21  | 01221  | NUT .3125-18 HEX MACH. SCREW Z |
| 1   | 20838     | CONTROLLER 04316-EBC-LED       | 16  | 01168  | NUT .625"-11 HEAVY HEX STEEL   |
| 1   | 03021     | COUPLING FULL .5" NPT 3000#    | 4   | 01147  | PIPE PLUG .5" SQUARE HEAD FRGD |
| 1   | 02234     | CRATE 37"W X 76"L X 40"H DOMES | 1   | 04776  | PIPE PLUG .75" NPT COUNTERSUNK |
| 1   | 02988     | CROSS .5" BLACK MALLEABLE IRON | 2   | 04163  | PRESSURE CONTROL 60# OPERATING |
| 1   | 04525     | CROSS .5" BRASS B62 CR36       | 1   | 04296  | PRESSURE CONTROL 90# HI LIMIT  |
| 1   | 04229     | DECAL SHEET                    | 1   | 20763  | PRESSURE CONTROL MANIFOLD R-24 |
| 1   | 01162     | ELBOW .25" BRASS FEMALE        | 1   | 02329  | PRESSURE GAUGE 2.5" 160#MT23   |
| 3   | 01094     | ELBOW .5" X 90 DEG. BLACK MALL | 1   | 20062A | PROBE COVER R36-120            |
| 4   | 01133     | ELBOW .5X90 DEG. STREET BLACK  | 4   | 01246  | SCREW 8-32X.375RDHD MCH PLT SL |
| 1   | 01095     | ELBOW .75" X 90 DEG. BLACK     | 1   | R-120A | SHELL R100-120 (COMPLETE NEW)  |
| 1   | 01097     | ELBOW 1.25" X 90 DEG. BLACK    | 2   | 04529  | STANDOFF HEX 1.5" X .375" FOR  |
| 2   | 02997     | ELBOW STREET .25" 90 DEG.      | 1   | 03325  | STRAINER .5" Y SB-62 UNS       |
| 1   | 20292-14B | ELECTRIC BOX SUPPORT 46.5" X 1 | 1   | 20084B | SWITCH PANEL FOR ELECTRICAL EN |
| 1   | 20084B    | ELECTRICAL ENCLOSURE 26" X 30" | 2   | 04400  | SYPHON TUBE .25" BRASS SB43 GR |
| 1   | 20757     | ELECTRICAL PNL ASSY R36-120 LE | 0   | 04308  | TAPE ALUMINUM FOIL DUCT 60YD R |
| 4   | 02605     | ELEMENT 480V 25KW 3P SS SHEATH | 5   | 01104  | TEE .5" BLACK MALLEABLE IRON   |
| 4   | 02022     | FLANGE GASKET 2" RING          | 1   | 04523  | TEE .5" BRASS SB62 CR36        |
| 1   | 02125     | FUSE 250V 15A UL/CSA           | 2   | 01103  | TEE .75" BLACK MALLEABLE IRON  |
| 1   | 02655     | FUSE 250V 5A UL/CSA            | 1   | 04564  | TEE REDUCING BRASS .5" X .5" X |
| 12  | 02135     | FUSE 600V 40A UL/CSA           | 12  | 02176  | TERMINAL LUG #8 HOMAC UL/CSA   |
| 4   | 02614     | FUSE BLOCK 600V 60A 3P UL/CSA  | 0   | 04276  | TERMINAL STRIP 600V 35 AMP 10- |
| 1   | 02420     | GAUGE GLASS 5.875"X.625" PYREX | 1   | 03818  | TICKET HOLDER FOR SHOP CLEAR F |
| 1   | MBJ-9     | GAUGE GLASS SAFETY ROD R-MODEL | 1   | 01088  | UNION .5" BLACK MALLEABLE IRON |
| 1   | 02522     | GAUGE PROTECTOR 6" U-SHAPE     | 1   | 02490  | VALVE BALL .5" 200# SWP        |
| 1   | 04692     | GROUND STRAP #4 BRAIDED        | 1   | 03802  | VALVE BALL .75" W/LATCH 200# S |
| 30  | 02030     | INSULATION 2" X 48" X 100' FIB | 1   | 02462  | VALVE CHECK .5" 125# SWP SWING |
| 2   | 02951     | KNOCKOUT SEAL .5"              | 1   | 02692  | VALVE CHECK .5" BALLCONE SPRIN |



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## Work Order Traveler

SCHEDULED START: 05/31/11  
DUE DATE: 06/01/11ITEM NUMBER: **RX100K3F**  
DESCRIPTION: **BOILER R 100KW 480V 3PH 100# S**  
REVISION: 001  
OPTION CODE:QUANTITY: **1.00**  
UNIT OF MEASUREMENT: EAMAKE FOR: I/M  
PLANNER:

| QTY | PART    | DESCRIPTION                                       | QTY                    | PART | DESCRIPTION |
|-----|---------|---------------------------------------------------|------------------------|------|-------------|
| 1   | 03254   | VALVE GAUGE TEST .25" <i>B3B 6/14/11</i>          |                        |      |             |
| 1   | 02712   | VALVE GLOBE 1.25"125#SWP                          |                        |      |             |
| 1   | 02637   | VALVE SAFETY .5" 100# SWP 1" O <i>B3B 6/14/11</i> |                        |      |             |
| 1   | 02301   | VALVE SOLENOID .5" 120V 60 HZ                     |                        |      |             |
| 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)                            |                        |      |             |
|     |         | <b>OPT1012</b>                                    | <i>PROBE = 13 3/8"</i> |      |             |