

CRN#

NATBLD#

61203

SERIAL#

62841

MODEL .....RB10C3F  
WIRE DIAG.....WRB10C3F  
WIRE SIZE.....12  
HZ.....60  
VOLTS.....208  
CONTROL VOLT....120.  
PHASE.....3  
PRESSURE.....15 80  
KILOWATTS....10  
CAPACITY 26 PPH/BTU/HR

## OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

DAY/MONTH 21 / 3 200 5  
VOLTS 208 AMPS 30 TOTAL WATTS 10800  
PRESSURE 80 DIFF 5  
*Tested @ 240*

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

HEATER VOLTS 208KW 10PH 3 HZ 60APPEARANCE ☒BLOWDOWN MAN ☐ AUTO ☒CONDENSATE TANK ☐CONDENSATE & PIPE, ECT ☐CONTROLS ☒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. 1ELEMENT VOLT/KW 208V - 10kW

JURISDICTION = VA.

FUEL =ELECTRIC

EAM

HOT WATER

AX. W.P. 100 (NAMEPLATE)  
IN. SAFETY VALVE CAP. 35 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 JS DATE \_\_\_\_\_  
LOW WATER CUTOFF ☒ HI WATER CUTOFF \_\_\_\_\_

## SAFETY VALVE

CAPACITY 423  
LB PER HR.

OPERATIONAL  
TEST ☒

## DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 200 SAT ☒ UNSAT \_\_\_\_\_ BY JS DATE 3/21/05 (IAW U.L. 834)

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

NAMEPLATE: O.P. 100 KW 10 VOLTS 208 PH 3 HZ 60

Representing Reimers Electra Steam, INC. BY(Print) Jeff Gumb DATE 3/21/05

Signature Jeff Gumb

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





0005930

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## Work Order Traveler

SCHEDULED START: 03/15/05

DUE DATE: 03/16/05

ITEM NUMBER: **RB10C3F**QUANTITY: **1.00**DESCRIPTION: **BOILER RB 10KW 208V 3PH 100#**

UNIT OF MEASUREMENT: EA

REVISION: 000

OPTION CODE:

MAKE FOR: I/M

PLANNER:

| STEP | QTY | PART  | DESCRIPTION                     | STEP | QTY | PART        | DESCRIPTION                    |
|------|-----|-------|---------------------------------|------|-----|-------------|--------------------------------|
| 0010 | 1   | 01104 | TEB .5" BLACK MALLEABLE IRON    | 0010 | 1   | 04164       | ELEMENT 208V 10KW 3PH B-DIM.=1 |
| 0010 | 1   | 01179 | COPPER TUB..375ODX.032WALL AST  | 0010 | -2  | 04165       | ELEMENT 240V 10KW 3PH B-DIM.=1 |
| 0010 | 1   | 01180 | NIPPLE .75" X CLOSE BLACK BH    | 0010 | 12  | 04182       | WIRE PIN #12/10 (PK OF 100)    |
| 0010 | 36  | 01239 | SCREW 10-32 X .375" PAN HEAD M  | 0010 | 6   | 04183       | TERMINAL RING #12-10 WIRE #8 S |
| 0010 | 2   | 01249 | NUT 6-32HEX PLATED              | 0010 | 2   | 04190       | TERMINAL SLIP-ON PIGGY BACK .2 |
| 0010 | 4   | 01347 | NUT 12-24 HEX STEEL PLATED      | 0010 | 1   | 04229       | DECAL SHEET                    |
| 0010 | 2   | 01833 | SCREW 6-32X.625RNDHD H.SMITH    | 0010 | 2   | 04231       | NUT & SLEEVE .5" BRASSCRAFT    |
| 0010 | 3/8 | 02126 | FUSE 250V 40A UL/CSA            | 0010 | 0   | 04276       | TERMINAL STRIP 600V 35 AMP 10- |
| 0010 | 1/2 | 02142 | FUSE BLOCK 250V 60A 3P          | 0010 | 18  | 04278       | WIRE #10 TEFLON INS. W/GLASS S |
| 0010 | 1   | 02176 | TERMINAL LUG #8 HOMAC UL/CSA    | 0010 | 3/8 | 04281       | FUSE BLOCK COVER 250V 60A 1P   |
| 0010 | 1   | 02177 | TERMINAL LUG #4 HOMAC UL/CSA    | 0010 | 1   | 04301       | LABEL NAMEPLATE UL/CSA 3.48 X  |
| 0010 | 1   | 02325 | VALVE GLOBE .375"125#SWP H.WHB  | 0010 | 0   | 04308       | TAPE ALUMINUM FOIL DUCT 50YD R |
| 0010 | 1   | 02490 | VALVE BALL .5" 200# SWP         | 0010 | 2   | 04447       | SCREW 10-24 X .375 RND HEAD SL |
| 0010 | 1/2 | 02530 | CONTACTOR 50A 120V 3P UL/CSA    | 0010 | 1   | 20598       | FLANGE BLIND 2.5" SQ. 4 BOLT   |
| 0010 | 1   | 02585 | VALVE SOLENOID .375 120V WATER  | 0010 | 1   | 20654       | BRACKET SOLENOID VALVE         |
| 0010 | 1   | 02618 | BI.OCK POWER DISTRIBUTION 3/350 | 0010 | 1   | 20658       | BRACKET FUSE (SET OF 2) RB8-30 |
| 0010 | 1   | 02637 | VALVE SAFETY .5" 100# SWP 1" O  | 0010 | 1   | 20661       | COVER PUMP OPENING RB8-30      |
| 0010 | 1   | 02692 | VALVE CHECK .5" BALLCONE SPRIN  | 0010 | 1   | 20662       | BAFFLE GAUGE GLASS RB8-30      |
| 0010 | 3   | 02786 | NIPPLE .5" X CLOSE BLACK BH     | 0010 | 1   | 20705       | POWER CABINET SUBASY           |
| 0010 | 1   | 02790 | NIPPLE .5" X 3" BLACK BH        | 0010 | 1   | 20714       | PNL LEFT SIDE RB 8-30          |
| 0010 | 1   | 02796 | NIPPLE .5" X 6" BLACK BH ASTM   | 0010 | 1   | 20721       | ELECTRONIC BOILER CONTROL (RB) |
| 0010 | 1   | 03022 | COUPLING FULL .75" NPT 3000#    | 0010 | 1   | 20733       | COVER SOLENOID VALVE ADAPTER   |
| 0010 | 1   | 03087 | CARTON 30W 30L 30H SLOT 500#    | 0010 | 1   | ORF-20      | ORIFICE DRILLED #10 (.193) FOR |
| 0010 | 1   | 03258 | WIRE #14 STRND TEW 600 BLACK    | 0010 | 1   | RB30-EP120H | ELECTRICAL PANEL HP RB-30 SUBA |
| 0010 | 1   | 03262 | STRAINER .375" Y                | 0010 | 1   | RB30-SUBAS  | SUBASSEMBLY RB 10 THRU 30 BOIL |
| 0010 | 1   | 03346 | VALVE BALL .5" W/LATCH 200 SWP  |      |     |             |                                |
| 0010 | 1   | 03470 | FUSE 250V 3A UL/CSA             |      |     |             |                                |
| 0010 | 2   | 03510 | TERMINAL SLIP-ON FEM .250X.032  |      |     |             |                                |
| 0010 | 2   | 03561 | LOCKWASHER 3/16" EXTERNAL TOOT  |      |     |             |                                |
| 0010 | 1   | 03716 | SKID-5 MODIFIED 30 X 30 INCHES  |      |     |             |                                |
| 0010 | 1   | 03747 | CONNECTOR.5"TUBEX.25"NPT MALE   |      |     |             |                                |
| 0010 | 2   | 03760 | COPPER TUBE REF.5"ODX.032WALL   |      |     |             |                                |
| 0010 | 1   | 03763 | ELBOW .5" TUBE X .5"NPT NO NUT  |      |     |             |                                |
| 0010 | 0   | 03818 | TICKET HOLDER FOR SHOP CLEAR F  |      |     |             |                                |
| 0010 | 1   | 03923 | ELBOW .5" TUBE X .375" NPT      |      |     |             |                                |
| 0010 | 1   | 03946 | ELBOW STREET .375 BRASS         |      |     |             |                                |
| 0010 | 3   | 03948 | NIPPLE .375 X CLOSE BRASS       |      |     |             |                                |
| 0010 | 1   | 03949 | NIPPLE .5 X CLOSE BRASS (PARKE  |      |     |             |                                |
| 0010 | 1   | 04025 | WIRE #14 TEW STRD 105C 600V WH  |      |     |             |                                |

04164 Relay gnd  
02394 Pressure gauge gnd  
04163 Pressure control gnd  
04276 Pressure control gnd