

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

NATBLD# 60986 SERIAL# 62824

MODEL .....RBHC30K3F  
WIRE DIAG.....W  
WIRE SIZE.....12  
HZ.....60  
VOLTS.....480  
CONTROL VOLT....120.  
PHASE.....3  
PRESSURE.....40  
KILOWATTS...30  
CAPACITY 104 BPH/BTU/HR

## OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

DAY/MONTH 4 / 3 2005  
VOLTS 440 AMPS 35.6 TOTAL WATTS 30000  
PRESSURE 40 DIFF 5

HEATER VOLTS 480KW 30PH 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 ✓  
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. 2  
ELEMENT VOLT/KW 480V - 30kw  
JURISDICTION = VA.  
FUEL =ELECTRIC

## TEAM

## HOT WATER

MAX. W.P. 100 (NAMEPLATE)  
MIN. SAFETY VALVE CAP. 105 PPH  
3.5 x KW =

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 gsl DATE 3/4/05  
LOW WATER CUTOFF ✓ HI WATER CUTOFF ✓

## SAFETY VALVE

CAPACITY 423  
LB PER HR.

OPERATIONAL  
TEST ✓

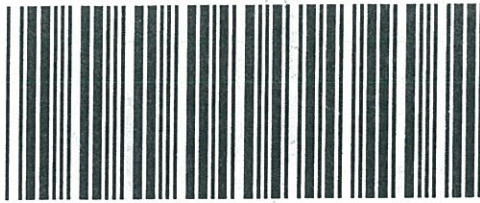
## DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 1200 SAT ✓ UNSAT ✓ BY gsl DATE 3/4/05 (IAW U.L. 834)  
2352  
(CORRECTED/RETEST) ✓ BY ✓ DATE ✓ CORRECTIVE ACTION ✓

NAMEPLATE: O.P. 100 KW 30 VOLTS 480 PH 3 HZ 60Representing Reimers Electra Steam, INC. BY(Print) JEFF GRUBB DATE 3/4/05Signature gsl

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

SEE NOTE OTHER SIDE



0005815

Page: 1

## Work Order Traveler

SCHEDULED START: 02/17/05

DUE DATE: 02/18/05

ITEM NUMBER: **RBHC30K3F**QUANTITY: **1.00**DESCRIPTION: **BOILER RBHC 30KW 480V 3PH 100#**

UNIT OF MEASUREMENT: EA

REVISION: 001

OPTION CODE:

MAKE FOR: I/M

PLANNER:

| STEP | QTY | PART  | DESCRIPTION                    | STEP | QTY | PART       | DESCRIPTION                    |
|------|-----|-------|--------------------------------|------|-----|------------|--------------------------------|
| 0010 | 2   | 01088 | UNION .5" BLACK MALLEABLE IRON | 0010 | 1   | 20661      | COVER PUMP OPENING RB8-30      |
| 0010 | 2   | 01094 | ELBOW .5" X 90 DEG. BLACK MALL | 0010 | 1   | 20662      | BAFFLE GAUGE GLASS RB8-30      |
| 0010 | 1   | 01101 | ELBOW 1"X .5" REDUCING BLACK   | 0010 | 1   | 20664      | COVER SOLENOID VALVE OPENING R |
| 0010 | 1   | 01127 | BUSHING .5" X.375" HEX FORGED  | 0010 | 1   | 20678      | RB30 CONDENSATE TANK SUBASSY   |
| 0010 | 1   | 01133 | ELBOW .5X90 DEG. STREET BLACK  | 0010 | 1   | 20714      | PNL LEFT SIDE RB 8-30          |
| 0010 | 1   | 01160 | NIPPLE .25XCLS.BRASS SCH40     | 0010 | 1   | 20721      | ELECTRONIC BOILER CONTROL (RB) |
| 0010 | 1   | 01179 | COPPER TUB..375ODX.032WALL AST | 0010 | 1   | ORF-30     | ORIFICE DRILLED #B (.236) FOR  |
| 0010 | 1   | 01180 | NIPPLE .75" X CLOSE BLACK EH   | 0010 | 1   | RB30-EP120 | ELECTRICAL PANEL HP RB-30 SUBA |
| 0010 | 16  | 01239 | SCREW 10-32 X .375" PAN HEAD M | 0010 | 1   | RB30-SUBAS | SUBASSEMBLY RB 10 THRU 30 BOIL |
| 0010 | 1   | 02125 | FUSE 250V 15A UL/CSA           |      |     | 04296      | Pressure Control - Jd          |
| 0010 | 1   | 02325 | VALVE GLOBE .375"125#SWP H.WHE |      |     | 04316      | Relay - Jd                     |
| 0010 | 1   | 02370 | VALVE CHECK .5" 200# SWP       |      |     | 02299      | pressure gauge - Jd            |
| 0010 | 1   | 02462 | VALVE CHECK .5" 125# SWP SWING |      |     | 04163      | pressure control - Jd          |
| 0010 | 1   | 02472 | VALVE BALL .25" 200# SWP       |      |     |            | LEAVE COND TANK                |
| 0010 | 1   | 02490 | VALVE BALL .5" 200# SWP        |      |     |            |                                |
| 0010 | 1   | 02637 | VALVE SAFETY .5" 100# SWP 1" O |      |     |            |                                |
| 0010 | 1   | 02777 | NIPPLE .375 X 3 BLACK EXTRA    |      |     |            |                                |
| 0010 | 7   | 02786 | NIPPLE .5" X CLOSE BLACK EH    |      |     |            |                                |
| 0010 | 2   | 02787 | NIPPLE .5" X 1.5" BLACK EH     |      |     |            |                                |
| 0010 | 1   | 02796 | NIPPLE .5" X 6" BLACK EH ASTM  |      |     |            |                                |
| 0010 | 1   | 02810 | NIPPLE 1" CLOSE BLACK EH ASTM  |      |     |            |                                |
| 0010 | 1   | 02986 | COUPLING .75" X .5" BLACK MALL |      |     |            |                                |
| 0010 | 1   | 03026 | TEE REDUCING.5X.5X.25 BLACK MA |      |     |            |                                |
| 0010 | 1   | 03087 | CARTON 30W 30L 30H SLOT 500#   |      |     |            |                                |
| 0010 | 1   | 03346 | VALVE BALL .5" W/LATCH 200 SWP |      |     |            |                                |
| 0010 | 1   | 03716 | SKID-5 MODIFIED 30 X 30 INCHES |      |     |            |                                |
| 0010 | 1   | 03747 | CONNECTOR.5"TUBEX.25"NPT MALE  |      |     |            |                                |
| 0010 | 0   | 03818 | TICKET HOLDER FOR SHOP CLEAR F |      |     |            |                                |
| 0010 | 1   | 03890 | NIPPLE .5" X 7" BLACK EH       |      |     |            |                                |
| 0010 | -2  | 04165 | ELEMENT 240V 10KW 3PH B-DIM.=1 |      |     |            |                                |
| 0010 | 6   | 04182 | WIRE PIN #12/10 (PK OF 100)    |      |     |            |                                |
| 0010 | 6   | 04183 | TERMINAL RING #12-10 WIRE #8 S |      |     |            |                                |
| 0010 | 1   | 04229 | DECAL SHEET                    |      |     |            |                                |
| 0010 | 2   | 04253 | ELEMENT 240V 15KW 3PH B-DIM=18 |      |     |            |                                |
| 0010 | 8   | 04278 | WIRE #10 TEFLON INS. W/GLASS S |      |     |            |                                |
| 0010 | 1   | 04301 | LABEL NAMEPLATE UL/CSA 3.48 X  |      |     |            |                                |
| 0010 | 0   | 04308 | TAPE ALUMINUM FOIL DUCT 50YD R |      |     |            |                                |
| 0010 | 2   | 04447 | SCREW 10-24 X .375 RND HEAD SL |      |     |            |                                |