

CRN#

NATBLD#

SERIAL#

## OPERATIONAL TEST/ELECTRIC AND STEAM

MODEL .....RBHC20C3F  
WIRE DIAG.....  
WIRE SIZE...12  
HZ.....60  
VOLTS.....208  
CONTROL VOLT....120  
PHASE...3  
PRESSURE...50  
KILOWATTS...20  
CAPACITY 69 PPH/BTU/HR

UL FILE # E39545

DAY/MONTH 22/6 2011  
VOLTS 208 AMPS 4.0 TOTAL WATTS 20K  
PRESSURE 50 DIFF 5

HEATER VOLTS 208  
KW 20  
PH 3 HZ 60

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

STEAM

HOT WATER

MAX. W.P. 100 (NAMEPLATE)  
MIN. SAFETY VALVE CAP. 70 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 6/22/11  
LOW WATER CUTOFF \_\_\_\_\_ HI WATER CUTOFF \_\_\_\_\_

## DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 1200 SAT ☒ UNSAT \_\_\_\_\_ BY DC DATE 6/22/11 (IAW U.L. 834)

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

## SAFETY VALVE

CAPACITY 423  
LB PER HR.

OPERATIONAL  
TEST \_\_\_\_\_

APPEARANCE ☒  
BLOWDOWN MAN ☒ AUTO \_\_\_\_\_  
CONDENSATE TANK ☒  
CONDENSATE & 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 208 10  
JURISDICTION = VA.  
FUEL =ELECTRIC

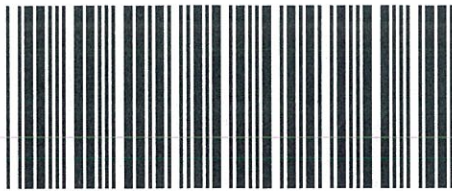
NAMEPLATE: O.P. 100 KW 20 VOLTS 208 PH 3 HZ 60

Representing Reimers Electra Steam, INC. BY(Print) David E. Coffin DATE 6/22/11

Signature

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

3055



0019986

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## Work Order Traveler

SCHEDULED START: 06/01/11

DUE DATE: 06/10/11

QUANTITY: 5.00 - 1.00

UNIT OF MEASUREMENT: EA

ITEM NUMBER: RBHC20C3F

DESCRIPTION: BOILER RBHC 20KW 208V 100# SAF

REVISION: 003

OPTION CODE:

MAKE FOR: I/M

PLANNER:

| QTY | PART       | DESCRIPTION                    | QTY | PART  | DESCRIPTION                    |
|-----|------------|--------------------------------|-----|-------|--------------------------------|
| 20  | 03715      | BOLTS 10MM X 45MM SHIPPING     | 5   | 02692 | VALVE CHECK .5" BALLCONE SPRIN |
| 5   | 04701      | CARTON RB 30W 35L 28.75H SLOT  | 5   | 02325 | VALVE GLOBE .375"125#SWP H.WHE |
| 5   | 02539      | CONTACTOR 75A 120V 3P UL/CSA   | 5   | 02637 | VALVE SAFETY .5" 100# SWP 1" O |
| 5   | 20838      | CONTROLLER 04316-EBC-LED       | 40  | 04440 | WIRE #8 TEFLON INS. W/GLASS SL |
| 5   | 04781      | COUPLING .5" BRASS B16.15 125  | 10  | 04789 | WIRE SADDLE NYLON LOCKING      |
| 5   | 20775-11   | COVER ELEMENT TERMINALS RB REV |     |       |                                |
| 5   | 20775-7    | COVER RIGHT ELEC BOX RB REV3   |     |       |                                |
| 5   | 04229      | DECAL SHEET                    |     |       |                                |
| 5   | 20775-17   | ENCLOSURE POWER RELAY MODULE   |     |       |                                |
| 5   | 02125      | FUSE 250V 15A UL/CSA           |     |       |                                |
| 5   | 03431      | FUSE 250V 5A MINATURE UL AGC5  |     |       |                                |
| 5   | 02655      | FUSE 250V 5A UL/CSA            |     |       |                                |
| 5   | 01520      | FUSE BLOCK JR/AR UL/CSA BOILER |     |       |                                |
| 5   | 03810      | HOSE .5" X 24" HP SS BRAIDED T |     |       |                                |
| 5   | 20863      | LABEL MAX. TORQUE 50. LB IN /0 |     |       |                                |
| 5   | 20860      | LABEL MAX. TORQUE 7.0 LB IN /0 |     |       |                                |
| 5   | 04301      | LABEL NAMEPLATE UL/CSA 3.48 X  |     |       |                                |
| 5   | 04668      | NIPPLE .25" X 1.125" BRASS SCH |     |       |                                |
| 5   | 04794      | NIPPLE .25" X CLOSE BRASS SCH8 |     |       |                                |
| 5   | 03948      | NIPPLE .375 X CLOSE BRASS SCH4 |     |       |                                |
| 5   | 04784      | NIPPLE .375" X 4" BRASS ASTM B |     |       |                                |
| 25  | 03949      | NIPPLE .5 X CLOSE BRASS SCH 40 |     |       |                                |
| 5   | 04779      | NIPPLE .5" X 2" BRASS ASTM B43 |     |       |                                |
| 5   | 04790      | NIPPLE .5" X 5" BRASS SB43GR61 |     |       |                                |
| 5   | ORF-30     | ORIFICE DRILLED #B (.236) FOR  |     |       |                                |
| 5   | 04163      | PRESSURE CONTROL 60# OPERATING |     |       |                                |
| 5   | 04296      | PRESSURE CONTROL 90# HI LIMIT  |     |       |                                |
| 5   | 20842      | PRESSURE CONTROL MANIFOLD RB R |     |       |                                |
| 5   | 04661      | PRESSURE GAUGE 2.0" .25" 0-160 |     |       |                                |
| 5   | 20678      | RB30 CONDENSATE TANK SUBASSY   |     |       |                                |
| 5   | 04788      | RELAY POWER RBHC REV3 Z1054-ND |     |       |                                |
| 30  | 01268      | SCREW 5-40 X .25 PANHD MACH PL |     |       |                                |
| 50  | 01246      | SCREW 8-32X.375RDHD MCH PLT SL |     |       |                                |
| 5   | RB30-SUBAS | SUBASSEMBLY RB 10 THRU 30 BOIL |     |       |                                |
| 5   | 04564      | TEE REDUCING BRASS .5" X .5" X |     |       |                                |
| 30  | 04080      | TERMINAL RING FOR # 8 AWG WIR  |     |       |                                |
| 5   | 03818      | TICKET HOLDER FOR SHOP CLEAR F |     |       |                                |
| 5   | 01088      | UNION .5" BLACK MALLEABLE IRON |     |       |                                |
| 5   | 04775      | UNION .5" NPT BRASS ASTM B16.1 |     |       |                                |
| 5   | 02472      | VALVE BALL .25" 200# SWP       |     |       |                                |
| 5   | 02490      | VALVE BALL .5" 200# SWP        |     |       |                                |
| 5   | 03346      | VALVE BALL .5" W/LATCH 200 SWP |     |       |                                |
| 5   | 02462      | VALVE CHECK .5" 125# SWP SWING |     |       |                                |