

CRN#

NATBLD#

67838

SERIAL#

69756

## OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

MODEL .....RBHC20K3A  
DIAG.....  
WIRE SIZE.....12  
HZ.....60  
VOLTS.....480  
CONTROL VOLT....120.  
PHASE...3  
PRESSURE.....11  
KILOWATTS...20  
CAPACITY 69 PPH/BTU/HR

DAY/MONTH 15 / 9 20010VOLTS 480 AMPS 12.2 TOTAL WATTS 20KWPRESSURE 11 DIFF 1Amps tested on 240V

Reimers Electra Steam, 4407 Matrinsburg, Pike

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

HEATER VOLTS 480KW 20PH 3 HZ 60APPEARANCE ☒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. 2ELEMENT VOLT/KW 480 10

JURISDICTION = VA.

FUEL =ELECTRIC

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/1000)

## HYDRO TEST OF COMPLETE BOILER

P.S.I.G. 15 BY OC DATE 9/15/10  
LOW WATER CUTOFF \_\_\_\_\_ HI WATER CUTOFF \_\_\_\_\_

## SAFETY VALVE

CAPACITY 310  
LB PER HR.

OPERATIONAL  
TEST ☒

## DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 2300 SAT ☒ UNSAT \_\_\_\_\_ BY OC DATE 9/15/10 (IAW U.L. 834)

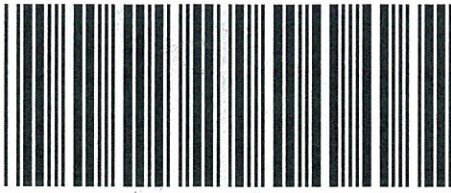
(CORRECTED/RETEST) \_\_\_\_\_ BY \_\_\_\_\_ DATE \_\_\_\_\_ CORRECTIVE ACTION \_\_\_\_\_

NAMEPLATE: O.P. 15 KW 20 VOLTS 480 PH 3 HZ 60

Representing Reimers Electra Steam, INC. BY(Print) David E. Coff DATE 9/15/10

Signature David E. Coff

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



0018066

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## Work Order Traveler

SCHEDULED START: 09/06/10

DUE DATE: 09/08/10

ITEM NUMBER: **RBHC20K3A**DESCRIPTION: **BOILER RBHC 20KW 480V 3PH 15#**

REVISION: 003

OPTION CODE:

QUANTITY: **1.00**

UNIT OF MEASUREMENT: EACH

MAKE FOR: I/M

PLANNER:

| QTY | PART       | DESCRIPTION                    | QTY | PART  | DESCRIPTION                    |
|-----|------------|--------------------------------|-----|-------|--------------------------------|
| 4   | 03715      | BOLTS 10MM X 45MM SHIPPING     | 6   | 04080 | TERMINAL RING FOR # 8 AWG WIR  |
| 1   | 03564      | BUSHING HEYCO SR7N-2           | 3   | 04807 | TERMINAL SLIP ON MALE .020 X . |
| 1   | 04701      | CARTON RB 30W 35L 28.75H SLOT  | 3   | 04319 | TERMINAL SPADE #10 STUD 16-14  |
| 2   | 02240      | CONDUIT ALFLEX type SWA .375"  | 1   | 04775 | UNION .5" NPT BRASS ASTM B16.1 |
| 1   | 02252      | CONDUIT CONNECTOR .375"STR UL  | 1   | 02472 | VALVE BALL .25" 200# SWP       |
| 1   | 02530      | CONTACTOR 50A 120V 3P UL/CSA   | 1   | 02490 | VALVE BALL .5" 200# SWP        |
| 1   | 20838      | CONTROLLER 04316-EBC-LED       | 1   | 03346 | VALVE BALL .5" W/LATCH 200 SWP |
| 1   | 03266      | CORD SET 7' 14/3 SJT 105C 120V | 1   | 02462 | VALVE CHECK .5" 125# SWP SWING |
| 1   | 04781      | COUPLING .5" BRASS B16.15 125  | 1   | 02325 | VALVE GLOBE .375"125#SWP H.WHE |
| 1   | 20775-11   | COVER ELEMENT TERMINALS RB REV | 1   | 02010 | VALVE SAFETY .75" 15# SWP 1" O |
| 1   | 20775-7    | COVER RIGHT ELEC BOX RB REV3   | 8   | 04278 | WIRE #10 TEFLON INS. W/GLASS S |
| 1   | 04229      | DECAL SHEET                    | 3   | 03258 | WIRE #14 STRND TEW 600 BLACK   |
| -2  | 04164      | ELEMENT 208V 10KW 3PH B-DIM.=1 | 3   | 02963 | WIRE #14 TEW STRD 105C 600 GRE |
| 2   | 04166      | ELEMENT 480V 10KW 3P BDIM=18 Y | 3   | 04025 | WIRE #14 TEW STRD 105C 600V WH |
| 1   | 20775-17   | ENCLOSURE POWER RELAY MODULE   | 1   | 04186 | WIRE STRD #18 TEW (16/30) BLAC |
| 1   | 04577      | FUSE 250V 15 A 15 UL/CSA       | 1   | 04187 | WIRE STRD #18 TEW (16/30) WHIT |
| 1   | 02655      | FUSE 250V 5A UL/CSA            |     |       |                                |
| 1   | 03810      | HOSE .5" X 24" HP SS BRAIDED T |     |       |                                |
| 2   | 02951      | KNOCKOUT SEAL .5"              |     |       |                                |
| 1   | 20862      | LABEL MAX. TORQUE 40. LB IN /0 |     |       |                                |
| 1   | 20860      | LABEL MAX. TORQUE 7.0 LB IN /0 |     |       |                                |
| 1   | 04301      | LABEL NAMEPLATE UL/CSA 3.48 X  |     |       |                                |
| 1   | 04668      | NIPPLE .25" X 1.125" BRASS SCH |     |       |                                |
| 1   | 04794      | NIPPLE .25" X CLOSE BRASS SCH8 |     |       |                                |
| 1   | 03948      | NIPPLE .375 X CLOSE BRASS SCH4 |     |       |                                |
| 1   | 04784      | NIPPLE .375" X 4" BRASS ASTM B |     |       |                                |
| 5   | 03949      | NIPPLE .5 X CLOSE BRASS SCH 40 |     |       |                                |
| 1   | 04779      | NIPPLE .5" X 2" BRASS ASTM B43 |     |       |                                |
| 1   | 04790      | NIPPLE .5" X 5" BRASS SB43GR61 |     |       |                                |
| 1   | ORF-30     | ORIFICE DRILLED #B (.236) FOR  |     |       |                                |
| 2   | 04162      | PRESSURE CONTROL 14# OPERATING |     |       |                                |
| 1   | 20842      | PRESSURE CONTROL MANIFOLD RB R |     |       |                                |
| 1   | 02451      | PRESSURE GAUGE 2.5" 0-30# ASHC |     |       |                                |
| 1   | 20678      | RB30 CONDENSATE TANK SUBASSY   |     |       |                                |
| 1   | 04184      | RECEPTACLE OUTLET PANEL MOUNT  |     |       |                                |
| 1   | 04788      | RELAY POWER RBHC REV3 Z1054-ND |     |       |                                |
| 4   | 02961      | RIVET .125"DIA X .063-.125 GRI |     |       |                                |
| 1   | 01239      | SCREW 10-32 X .375" ROUND HEAD |     |       |                                |
| 8   | 01566      | SCREW 6-32X.25PANHD STL PLATED |     |       |                                |
| 2   | 01833      | SCREW 6-32X.625RNDHD H.SMITH   |     |       |                                |
| 10  | 01246      | SCREW 8-32X.375RDHD MCH PLT SL |     |       |                                |
| 1   | RB30-SUBAS | SUBASSEMBLY RB 10 THRU 30 BOIL |     |       |                                |
| 1   | 04564      | TEE REDUCING BRASS .5" X .5" X |     |       |                                |