

CRN#

NATBLD#

SERIAL#

MODEL .....RB30K3F  
WIRE DIAG.....  
WIRE SIZE.....12  
HZ.....60  
VOLTS.....480  
CONTROL VOLT....120.  
PHASE....3  
PRESSURE.....  
KILOWATTS...30  
CAPACITY 104 BPH/BTU/HR

## OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

DAY/MONTH 6/5 2010VOLTS 480 AMPS 18.4 TOTAL WATTS 30KPRESSURE 60 DIFF 5

Amps TESTED ON 240V

Reimers Electra Steam, 4407 Matrinsburg, Pike

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

HEATER VOLTS 480KW 30PH 3 HZ 60

STEAM

HOT WATER

MAX. W.P. 100 (NAMEPLATE)  
MIN. SAFETY VALVE CAP. 105 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 5/6/10

LOW WATER CUTOFF \_\_\_\_\_ HI WATER CUTOFF \_\_\_\_\_

## DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 2350 SAT ☒ UNSAT \_\_\_\_\_ BY OC DATE 5/6/10 (IAW U.L. 834)

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

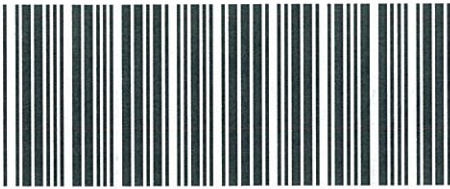
## SAFETY VALVE

CAPACITY 423  
LB PER HR.OPERATIONAL  
TEST ☒

APPEARANCE ☒  
BLOWDOWN MAN ☒ AUTO \_\_\_\_\_  
CONDENSATE TANK \_\_\_\_\_  
CONDENSATE & PIPE, ECT \_\_\_\_\_  
CONTROLS ☒  
ELEMENT ☒  
FEED 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 480 15  
JURISDICTION = VA.  
FUEL =ELECTRIC

NAMEPLATE: O.P. 100 KW 30 VOLTS 480 PH 3 HZ 60Representing Reimers Electra Steam, INC. BY (Print) David E. Coffey DATE 5/6/10Signature David E. Coffey

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



0017186

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## Work Order Traveler

SCHEDULED START: 04/30/10

DUE DATE: 05/03/10

QUANTITY: 1.00

UNIT OF MEASUREMENT: EA

ITEM NUMBER: **RB30K3F**DESCRIPTION: **BOILER RB 30KW 480V 3PH 100# S**

REVISION: 003

OPTION CODE:

MAKE FOR: I/M

PLANNER:

| QTY | PART       | DESCRIPTION                                     | QTY | PART  | DESCRIPTION                                     |
|-----|------------|-------------------------------------------------|-----|-------|-------------------------------------------------|
| 1   | 20654      | BRACKET SOLENOID VALVE                          | 6   | 02741 | TERMINAL RING 10-12WIRE #10STU                  |
| 1   | 04462      | BUSHING .375 X .25 BRASS SB16                   | 1   | 03346 | VALVE BALL .5" W/LATCH 200 SWP                  |
| 1   | 04701      | CARTON RB 30W 35L 28.75H SLOT                   | 1   | 02325 | VALVE GLOBE .375"125#SWP H.WHE                  |
| 1   | 02254      | CONNECTOR .375" 2 SCREW NEER                    | 1   | 02637 | VALVE SAFETY .5" 100# SWP 1" O <i>OC 5/6/10</i> |
| 1   | 02530      | CONTACTOR 50A 120V 3P UL/CSA                    | 1   | 04761 | VALVE SOLENOID .375" 120V WATE                  |
| 1   | 20838      | CONTROLLER 04316-EBC-LED                        | 10  | 04278 | WIRE #10 TEFLON INS. W/GLASS S                  |
| 1   | 04781      | COUPLING .5" BRASS B16.15 125                   |     |       |                                                 |
| 1   | 20775-11   | COVER ELEMENT TERMINALS RB REV                  |     |       |                                                 |
| 1   | 20775-7    | COVER RIGHT ELEC BOX RB REV3                    |     |       |                                                 |
| 1   | 04229      | DECAL SHEET                                     |     |       |                                                 |
| 1   | 04813      | DINCONNECTOR/CORD FOR RB BOILE                  |     |       |                                                 |
| 2   | 02998      | ELBOW .375" 90 DEG. BRASS                       |     |       |                                                 |
| 1   | 03923      | ELBOW .5" TUBE X .375" NPT                      |     |       |                                                 |
| -2  | 04164      | ELEMENT 208V 10KW 3PH B-DIM.=1                  |     |       |                                                 |
| 2   | 04666      | ELEMENT 480V 15KW 3P BDIM 18.5                  |     |       |                                                 |
| 1   | 02655      | FUSE 250V 5A UL/CSA                             |     |       |                                                 |
| 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                   |     |       |                                                 |
| 2   | 03077      | LOCKWASHER .25" HEAVY STEEL HE                  |     |       |                                                 |
| 1   | 20840      | MANIFOLD FEED WATER SUBASSY RB                  |     |       |                                                 |
| 1   | 04668      | NIPPLE .25" X 1.125" BRASS SCH                  |     |       |                                                 |
| 1   | 04635      | NIPPLE .375 X 2" BRASS SB43 GR                  |     |       |                                                 |
| 2   | 03948      | NIPPLE .375 X CLOSE BRASS SCH4                  |     |       |                                                 |
| 1   | 04784      | NIPPLE .375" X 4" BRASS ASTM B                  |     |       |                                                 |
| 1   | 04787      | NUT .25-20 ZINC PLATED                          |     |       |                                                 |
| 2   | 01351      | NUT .25-20HEX JAM PLATE                         |     |       |                                                 |
| 1   | ORF-30     | ORIFICE DRILLED #B (.236) FOR                   |     |       |                                                 |
| 1   | 04163      | PRESSURE CONTROL 60# OPERATING <i>OC 5/6/10</i> |     |       |                                                 |
| 1   | 04296      | PRESSURE CONTROL 90# HI LIMIT <i>OC 5/6/10</i>  |     |       |                                                 |
| 1   | 20842      | PRESSURE CONTROL MANIFOLD RB R                  |     |       |                                                 |
| 1   | 04661      | PRESSURE GAUGE 2.0" .25" 0-160                  |     |       |                                                 |
| 1   | 20775-9    | PUMP BASE MOUNTING BRACKET                      |     |       |                                                 |
| 1   | 20775-8    | PUMP BASE SOL VAL. RB REV3 ASS                  |     |       |                                                 |
| 1   | 04593      | SCREW .25-20 X .75 HEX CAP PLA                  |     |       |                                                 |
| 1   | 04760      | SCREW 1/4"-20 X .75" PAN HEAD                   |     |       |                                                 |
| 2   | 04447      | SCREW 10-24 X .375 RND HEAD SL                  |     |       |                                                 |
| 8   | 01291      | SCREW 8-32X.25RNDHD SLT MCH ZI                  |     |       |                                                 |
| 10  | 01246      | SCREW 8-32X.375RDHD MCH PLT SL                  |     |       |                                                 |
| 1   | 03262      | STRAINER .375" Y                                |     |       |                                                 |
| 1   | 04731      | STUD PRESS-IN THREADED .25"-20                  |     |       |                                                 |
| 1   | RB30-SUBAS | SUBASSEMBLY RB 10 THRU 30 BOIL                  |     |       |                                                 |
| 6   | 04080      | TERMINAL RING FOR # 8 AWG WIR                   |     |       |                                                 |