

CRN#

NATBLD#

SERIAL#

MODEL .....RB30G3F  
WIRE DIAG.....W  
WIRE SIZE.....12  
HZ.....50  
VOLTS.....380  
CONTROL VOLT....220.  
PHASE.....3  
PRESSURE....15  
KILOWATTS...30  
CAPACITY 104 BPH/BTU/HR

## OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

DAY/MONTH 28/12 20010VOLTS 380 AMPS 29.1 TOTAL WATTS 30 KPRESSURE 15 DIFF 1

Amps TESTED ON 240V  
Reimers Electra Steam, 4407 Matrinsburg, Pike  
Clear Brook, Va. 22624 PH 540-662-3811 FAX: 540-665-8101

HEATER VOLTS 380KW 30PH 3 HZ 50

## TEAM

## 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 12/28/10

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

## SAFETY VALVE

CAPACITY 423  
LB PER HR.OPERATIONAL  
TEST ✓

## DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 2100 SAT ✓ UNSAT \_\_\_\_\_ BY OC DATE 12/28/10 (IAW U.L. 834)

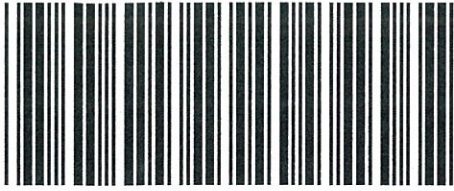
(CORRECTED/RETEST) \_\_\_\_\_ BY \_\_\_\_\_ DATE \_\_\_\_\_ CORRECTIVE ACTION \_\_\_\_\_

NAMEPLATE: O.P. 100 KW 30 VOLTS 380 PH 3 HZ 50Representing Reimers Electra Steam, INC. BY(Print) David E. Coffey DATE 12/28/10Signature David E. Coffey

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 380 15  
JURISDICTION = VA.  
FUEL =ELECTRIC

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

30f3



0018515

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## Work Order Traveler

SCHEDULED START: 10/27/10

DUE DATE: 11/01/10

QUANTITY: ~~300~~ 1000

UNIT OF MEASUREMENT: EA

ITEM NUMBER: **RB30G3F**DESCRIPTION: **BOILER RBH 25KW 380V 3PH 100#**

REVISION: 003

OPTION CODE:

MAKE FOR: I/M

PLANNER:

| QTY | PART     | DESCRIPTION                                       | QTY | PART       | DESCRIPTION                                       |
|-----|----------|---------------------------------------------------|-----|------------|---------------------------------------------------|
| 3   | 20654    | BRACKET SOLENOID VALVE                            | 3   | RB30-SUBAS | SUBASSEMBLY RB 10 THRU 30 BOIL                    |
| 3   | 04701    | CARTON RB 30W 35L 28.75H SLOT                     | 3   | 02176      | TERMINAL LUG #8 HOMAC UL/CSA                      |
| 2   | 02240    | CONDUIT ALFLEX type SWA .375"                     | 18  | 04080      | TERMINAL RING FOR # 8 AWG WIR                     |
| 3   | 03844    | CONDUIT CONNECTOR .375" DUPLEX                    | 18  | 04183      | TERMINAL RING #12-10 WIRE #8 S                    |
| 3   | 02252    | CONDUIT CONNECTOR .375"STR UL                     | 3   | 03818      | TICKET HOLDER FOR SHOP CLEAR F                    |
| 6   | 02266    | CONDUIT SLEEVE .375" REDEYE                       | 3   | 02475      | TRANSFORMER .25KVA B WALL MT48                    |
| 3   | 02530    | CONTACTOR 50A 120V 3P UL/CSA                      | 3   | 03346      | VALVE BALL .5" W/LATCH 200 SWP                    |
| 3   | 20838    | CONTROLLER 04316-EBC-LED                          | 3   | 02325      | VALVE GLOBE .375"125#SWP H.WHE                    |
| 3   | 04781    | COUPLING .5" BRASS B16.15 125                     | 3   | 02637      | VALVE SAFETY .5" 100# SWP 1" O <u>DC 12/28/10</u> |
| 3   | 20775-11 | COVER ELEMENT TERMINALS RB REV                    | 3   | 04761      | VALVE SOLENOID .375" 120V WATE                    |
| 3   | 20775-7  | COVER RIGHT ELEC BOX RB REV3                      | 54  | 04278      | WIRE #10 TEFLON INS. W/GLASS S                    |
| 3   | 04229    | DECAL SHEET                                       | 8   | 03258      | WIRE #14 STRND TEW 600 BLACK                      |
| 3   | 04813    | DINCONNECTOR/CORD FOR RB BOILE                    | 1   | 02963      | WIRE #14 TEW STRD 105C 600 GRE                    |
| -6  | 04164    | ELEMENT 208V 10KW 3PH B-DIM.=1                    | 12  | 02744      | WIRE NUT IDEAL UL/CSA                             |
| 6   | 05014    | ELEMENT 380V 15KW 3P BDIM 18.5                    | 4   | 04186      | WIRE STRD #18 TEW (16/30) BLAC                    |
| 6   | 04574    | FUSE 250V 3 AMP UL/CSA                            | 4   | 04187      | WIRE STRD #18 TEW (16/30) WHIT                    |
| -3  | 02655    | FUSE 250V 5A UL/CSA                               |     |            |                                                   |
| 6   | 04768    | GAUGE ROD .1875" X 7"                             |     |            |                                                   |
| 3   | 20862    | LABEL MAX. TORQUE 40. LB IN /0                    |     |            |                                                   |
| 3   | 20860    | LABEL MAX. TORQUE 7.0 LB IN /0                    |     |            |                                                   |
| 3   | 04301    | LABEL NAMEPLATE UL/CSA 3.48 X                     |     |            |                                                   |
| 6   | 03077    | LOCKWASHER .25" HEAVY STEEL HE                    |     |            |                                                   |
| 3   | 20840    | MANIFOLD FEED WATER SUBASSY RB                    |     |            |                                                   |
| 3   | 04668    | NIPPLE .25" X 1.125" BRASS SCH                    |     |            |                                                   |
| 6   | 03948    | NIPPLE .375 X CLOSE BRASS SCH4                    |     |            |                                                   |
| 3   | 04784    | NIPPLE .375" X 4" BRASS ASTM B                    |     |            |                                                   |
| 3   | 04787    | NUT .25-20 ZINC PLATED                            |     |            |                                                   |
| 6   | 01351    | NUT .25-20HEX JAM PLATE                           |     |            |                                                   |
| 3   | ORF-30   | ORIFICE DRILLED #B (236) FOR                      |     |            |                                                   |
| 3   | 04163    | PRESSURE CONTROL 60# OPERATING <u>DC 12/28/10</u> |     |            |                                                   |
| 3   | 04296    | PRESSURE CONTROL 90# HI LIMIT <u>DC 12/28/10</u>  |     |            |                                                   |
| 3   | 20842    | PRESSURE CONTROL MANIFOLD RB R                    |     |            |                                                   |
| 3   | 04661    | PRESSURE GAUGE 2.0" .25" 0-160                    |     |            |                                                   |
| 3   | 20775-9  | PUMP BASE MOUNTING BRACKET                        |     |            |                                                   |
| 3   | 20775-8  | PUMP BASE SOL VAL. RB REV3 ASS                    |     |            |                                                   |
| 3   | 04760    | SCREW 1/4"-20 X .75" PAN HEAD                     |     |            |                                                   |
| 6   | 04447    | SCREW 10-24 X .375 RND HEAD SL                    |     |            |                                                   |
| 24  | 01291    | SCREW 8-32X.25RNDHD SLT MCH ZI                    |     |            |                                                   |
| 30  | 01246    | SCREW 8-32X.375RDHD MCH PLT SL                    |     |            |                                                   |
| 3   | 04700-HT | SKID 30" X 35.5" -HT RB rev3 H                    |     |            |                                                   |
| -3  | 04700    | SKID 30" X 35.5" RB rev3                          |     |            |                                                   |
| 3   | 03262    | STRAINER .375" Y                                  |     |            |                                                   |
| 3   | 04731    | STUD PRESS-IN THREADED .25"-20                    |     |            |                                                   |