

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

NATL.BD#

72593

SERIAL#

74580

**Reimers®**  
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Clear Brook, VA 22624  
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## NAMEPLATE RATINGS:

PART NUMBER SR40K3A

MODEL R-40

POWER SUPPLY WIRE SIZE 6

POWER VOLTS 480

CONTROL VOLT 120

PHASE 3

HZ 40

MAX. W.P. 100

KILOWATTS 40

CERTIFICATION & REPORTING (CG-500) CSD-1  
OPERATIONAL TEST/ELECTRIC AND STEAMDATE (M/D/Y) 3/13/2015

UL FILE # E39545

WIRING DIAGRAM # 02,10,20,55,60,72,X, REV 5  
90,110,170,190

## DIELECTRIC VOLTAGE- WITHSTAND

TEST: (IAW U.L. 834)

VOLTS 2352 SAT ☒ UNSAT ☐PERFORMED BY B.S.B. DATE 3/13/15HYDRO TEST OF  
COMPLETE BOILERP.S.I.G. 15PERFORMED BY OCDATE 3/13/15

## HEATING ELEMENT TEST

VOLTS 480

AMPS 46

TOTAL WATT 40K

## CHECKOUT

1. APPEARANCE ☒
2. BLOWDOWN MAN ☒ AUTO N/A
3. TRANSFORMER N/A
4. CONDENSATE TANK ☒
5. CONTROLS ☒
6. FEED WATER VALVES ☒
7. INSTRUCTION MANUAL ☒
8. LEAK INSPECTION ☒
9. PAINT ☒
10. PANEL ☒
11. PIPES ☒
12. SHEET METAL ☒
13. STEAM VALVE ☒
14. STEAM GAUGE ☒
15. STRAINER ☒
16. CHECK TORQUE ON TERMINAL STRIPS,  
CONTACTORS AND FUSE BLOCKS ☒
17. WARNING LABELS ☒
18. WATER GAUGE FITTINGS ☒
19. WIRE TERMINALS TIGHT ☒
20. WIRING DIA. ☒
21. ELEMENT QTY. 2
22. ELEMENT VOLT/KW 480/20
23. NAMEPLATE ☒
24. JURISDICTION = VA
25. FUEL = ELECTRIC

## SAFETY LIMIT CONTROLS (REF: ASME CSD-1, CG-500)

## SAFETY RELIEF VALVE

OPERATIONAL TEST PERFORMED ☒DATE 3/13/15

MANUFACTURER CONBRACO

Model # 19-LEDA-15STEAM BOILER ☒HOT WATER BOILER ☐

MAX. W. P. \_\_\_\_\_ PSIG (VALVE ASME PLATE)

MAX. W. P. \_\_\_\_\_ PSIG (VALVE ASME PLATE)

CAPACITY \_\_\_\_\_ PPH (VALVE ASME PLATE)

CAPACITY \_\_\_\_\_ BTU/HR (VALVE ASME PLATE)

SIZE \_\_\_\_\_ IN

SIZE \_\_\_\_\_ IN

REQUIRED CAPACITY (PPH = 3.5 x kW) 140 PPH

REQUIRED CAPACITY (BTU/HR = 3412 x kW) \_\_\_\_\_ BTU/HR

MAX. TEMPERATURE \_\_\_\_\_ °F

|                             | OPERATIONAL TEST | SETTING     |
|-----------------------------|------------------|-------------|
| <b>LOW WATER CUTOFF</b>     | PERFORMED BY     | PSI/°F      |
| AUTO RESET                  | N/A              | X           |
| MANUAL RESET                | <u>B. Butts</u>  | X           |
| <b>PRESSURE CONTROLS</b>    |                  |             |
| HIGH LIMIT                  | <u>B. Butts</u>  | <u>13.5</u> |
| OPERATING #1                | <u>B. Butts</u>  | <u>12</u>   |
| OPERATING #2                |                  |             |
| <b>TEMPERATURE CONTROLS</b> |                  |             |
| HIGH LIMIT                  | N/A              |             |
| OPERATING CONTROL           |                  |             |

| DATE | MANUFACTURER | MODEL # | PART# |
|------|--------------|---------|-------|
|      | REIMERS      | 04316   | 04316 |
|      | TECMARK      | 3160-EQ | 05077 |
|      | TECMARK      | 3160-EP | 04162 |
|      |              |         |       |
|      |              |         |       |

Representing Reimers Electra Steam, INC. (Name) BRAD BUTTSDATE 3/13/15 Signature Brad Butts

Representing Installer Contractor (Name) \_\_\_\_\_

DATE \_\_\_\_\_ Signature \_\_\_\_\_

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### Work Order Traveler

SCHEDULED START: 12/31/14

DUE DATE: 01/20/15

QUANTITY: ~~4.00~~ 1.87

UNIT OF MEASUREMENT: EA

0030253

ITEM NUMBER: **SR40K3A**  
 DESCRIPTION: **BOILER R 40KW 480V 3PH 15#**  
 REVISION: **001**  
 OPTION CODE:

MAKE FOR: I/M  
PLANNER:

| QTY | PART      | DESCRIPTION                    | QTY | PART   | DESCRIPTION                        |
|-----|-----------|--------------------------------|-----|--------|------------------------------------|
| 4   | 02616     | BLOCK POWER DISTRIBUTION 3-2/0 | 8   | 03595  | NIPPLE 3"X25" 316SS SA-312 SCH     |
| 4   | 20350-7A  | BRACE ELECTRICAL BOX SS (NEW)  | 8   | 03596  | NIPPLE 3"X25" SA312 316SS          |
| 16  | 04438     | BUSHING 25" X .125" 316SS A35  | 4   | 03600  | NIPPLE 3"X35" SA312 316SS EH 8     |
| 8   | 03587     | BUSHING 5"X25" 316SS 150# A3   | 8   | 03598  | NIPPLE 3"X4" SCH303 316SS SA312    |
| 8   | 03588     | BUSHING 75"X25" 316SS 150# A3  | 12  | 03601  | NIPPLE 75" CLOSE SA312 316SS       |
| 4   | 05182     | BUSHING 1" X .25" 316SS REDUCI | 4   | 04609  | NIPPLE 75" X 8" SA312 316SS S      |
| 8   | 03589     | BUSHING 17X.5" 316SS CAST SA3  | 4   | 03605  | NIPPLE 75"X4" SA312 316SS EH       |
| 4   | 03590     | BUSHING 17X.75" 316SS CAST SA3 | 8   | 03607  | NIPPLE 1" CLOSE SA312 316SS EH     |
| 4   | 03860     | BUSHING 1.25" X 1" 316SS 150#  | 4   | 03674  | NIPPLE 1"X4" SA312 316SS           |
| 4   | 03089     | CARTON 42W 54L 36.75 500# TEST | 4   | 04590  | NIPPLE 1.25" CLOSE SA312 316SS     |
| 14  | 02244     | CONDUIT ALFLEX type S/WA 1.25" | 12  | 03834  | NIPPLE 25" X CLOSE 316SS SA312     |
| 10  | 02240     | CONDUIT ALFLEX type S/WA 3.75" | 16  | 02644  | NUT .625-11 HEX ASTM A19408M J     |
| 8   | 02246     | CONDUIT CONNECTOR .375" 90 DEG | 8   | 04349  | PIPE PLUG 1.25" HEX HEAD 316SS     |
| 8   | 02252     | CONDUIT CONNECTOR .375" STR    | 4   | 03672  | PIPE PLUG 25" 316SS 150# A351      |
| 16  | 02250     | CONDUIT CONNECTOR 1.25" 90 DEG | 4   | 03850  | PIPE PLUG 375" 316SS 150# A35      |
| 3   | 02530     | CONTRACTOR 50A 120V 3P UL/CSA  | 4   | 03592  | PIPE PLUG 5" SQ HEAD 316SS J       |
| 4   | 20838     | CONTROLLER 04316-IBC-LED       | 8   | 03730  | PIPE PLUG 75" SQ HEAD 316SS 1      |
| 8   | 03846     | COUPLING .25" FULL 316SS 150#  | 12  | 03851  | PIPE PLUG 1" 316SS 150# A351 C     |
| 12  | 03591     | COUPLING .5" FULL 316SS 150#   | 4   | 03677  | PRESSURE CONTROL 13.5# HIGH LI     |
| 4   | 04325     | CROSS 1" 316SS A351 CAST 150#  | 4   | 04162  | PRESSURE CONTROL 50 OPERATING      |
| 12  | 04860     | ELBOW 25" 316SS FEMALE 90 DEG  | 4   | 20950  | PRESSURE CONTROL ENCLOSURE COV     |
| 20  | 03581     | ELBOW 5" 90DEG 316SS 150# A3   | 4   | 20989  | PRESSURE CONTROL ENCLOSURE SR      |
| 8   | 03582     | ELBOW 75" 90DEG 316SS 150# A3  | 4   | 03752  | PRESSURE GAUGE 2.5" 30# 316 ST     |
| 4   | 03990     | ELBOW 1.25" 90DEG 316SS 150#   | 4   | SR-80A | 316 SHELL SR-80A WELDED 316 SS COM |
| 4   | 20292-14A | ELECTRIC BOX SUPPORT 35 X15"   | 4   | SKID24 | SKID BOILER NEW R.H.RHC 24-80      |
| 4   | 200848    | ELECTRICAL ENCLOSURE 24" X 30" | 4   | 04660  | STRAINER 75" X 1" 316SS            |
| 4   | 20757     | ELECTRICAL PNL ASSY R36-120 LE | 48  | 03642  | STUD .625-11X2.25" FULL THREAD     |
| 8   | 03662     | ELSMET 480V 20KW 3PH ALL 316   | 8   | 04213  | SWITCH ILLUMINATED RED W/WHITE     |
| 8   | 02022     | FLANGE GASKIT 2" RING          | 8   | 02616  | SYNCH 25" STRAIGHT 316SS SR        |
| 4   | 02125     | FUSE 250V 15A ULCSA            | 12  | 04274  | TAPE PTFE 3" X 260" FOR SS GR      |
| 4   | 02635     | FUSE 250V 5A ULCSA             | 12  | 03371  | TES .25" 316SS 150# A351 CAST      |
| 24  | 02134     | FUSE 600V 30A ULCSA            | 8   | 03583  | TES .5" 316SS 150# A351 CAST C     |
| 8   | 02613     | FUSE BLOCK 600V 30A 3P ULCSA   | 8   | 03586  | TES .75" 316SS 150# A351 CAST      |
| 8   | 02951     | KNOCKOUT SEAL .5" COND 7/8" HO | 4   | 03853  | TES 1" ASTM A351-00 CF8M 316SS     |
| 4   | 05178     | LWCO LSS SOL 7.75" 9.75" SR4   | 24  | 02176  | TERMINAL LUG 8# HOMAC ULCSA        |
| 4   | 04488     | NIPPLE 25" X 2" NPT 316SS      | 1   | 04276  | TERMINAL STRIP 300V 316 10-22      |
| 4   | 03826     | NIPPLE 25" X 3" SA312 316SS    | 4   | 03818  | TICKET HOLDER FOR SHOP CLEAR F     |
| 4   | 03827     | NIPPLE 25" X 4" SA312 316SS    | 4   | 03894  | UNION 5" 316SS 150# A351 CAST      |
| 12  | 03670     | NIPPLE .25"X1.5" SA-312 316SS  | 4   | 03580  | VALVE 3-WAY 25" FEMALE NPT SA      |
| 24  | 03593     | NIPPLE .5" CLOSE 316SS SA312 S | 4   | 03576  | VALVE BALL .5" SA-351 CF8M TP3     |
| 4   | 05181     | NIPPLE .5" X 10" 316SS STD WA  | 4   | 03574  | VALVE BALL .75" SA351 CF8M TP3     |
| 4   | 03594     | NIPPLE .5"X1.5" 316SS SA-312   | 4   | 03870  | VALVE BALL 1" SA 351 CF8M T316     |



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## Work Order Traveler

SCHEDULED START: 12/31/14

DUE DATE: 01/20/15

QUANTITY: ~~5400~~ 100

UNIT OF MEASUREMENT: FA

0030253

ITEM NUMBER: **SR40K3A**  
 DESCRIPTION: **BOILER R 40KW 480V 3PH 15#**  
 REVISION: **001**  
 OPTION CODE:

MAKE FOR: I/M  
PLANNER:

| QTY | PART    | DESCRIPTION                     | QTY | PART | DESCRIPTION |
|-----|---------|---------------------------------|-----|------|-------------|
| 8   | 03575   | VALVE CHECK .5" BALL CONE SPRI  |     |      |             |
| 4   | 04660   | VALVE SAFETY SS .75" 15# SWP 1  |     |      |             |
| 4   | 03600   | VALVE SOLENOID .5" 120V WATER   |     |      |             |
| 8   | 02209SS | WRAPPER END 26" 201 Q REV.B 16G |     |      |             |
| 4   | 20054A  | WRAPPER R24-80 (NEW)            |     |      |             |