

CRN# _____

NATL.BD# _____

SERIAL#

Reimers®
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Clear Brook, VA 22624
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NAMEPLATE RATINGS:

PART NUMBER SR40K3AMODEL R-40POWER SUPPLY WIRE SIZE 6POWER VOLTS 480CONTROL VOLT 120PHASE 3HZ 40MAX. W.P. 100KILOWATTS 40CERTIFICATION & REPORTING (CG-500) CSD-1
OPERATIONAL TEST/ELECTRIC AND STEAMDATE (M/D/Y) 3/16/2015UL FILE # E39545WIRING DIAGRAM # 02,10,20,55,60,72,X,90,REV 5
110,170,190

DIELECTRIC VOLTAGE- WITHSTAND

TEST: (IAW U.L. 834)

VOLTS 2352 SAT ☒ UNSAT ☐PERFORMED BY BSB DATE 3/6/15HYDRO TEST OF
COMPLETE BOILERP.S.I.G. 15PERFORMED BY DCDATE 3/5/15

HEATING ELEMENT TEST

VOLTS 480AMPS 46.2TOTAL 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 3/6/15MANUFACTURER CONBRACOModel # 19-LEDA-15STEAM BOILER ☒HOT WATER BOILER ☐MAX. W. P. 15 PSIG (VALVE ASME PLATE)

MAX. W. P. _____ PSIG (VALVE ASME PLATE)

CAPACITY 310 PPH (VALVE ASME PLATE)

CAPACITY _____ BTU/HR (VALVE ASME PLATE)

SIZE 3/4 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	DATE	MANUFACTURER	MODEL #	PART#
LOW WATER CUTOFF	PERFORMED BY	PSI/°F				
AUTO RESET	<u>N/A</u>	<u>X</u>				
MANUAL RESET	<u>B. Butts</u>	<u>X</u>	<u>3/6/15</u>	<u>REIMERS</u>	<u>20838</u>	<u>20838</u>
PRESSURE CONTROLS						
HIGH LIMIT	<u>B. Butts</u>	<u>13.5</u>	<u>3/6/15</u>	<u>TECMARK</u>	<u>3160-EQ</u>	<u>05077</u>
OPERATING #1	<u>B. Butts</u>	<u>12</u>	<u>3/6/15</u>	<u>TECMARK</u>	<u>3160-EP</u>	<u>04162</u>
OPERATING #2						
TEMPERATURE CONTROLS						
HIGH LIMIT	<u>N/A</u>					
OPERATING CONTROL						

Representing Reimers Electra Steam, INC. (Name) BRAD BUTTSDATE 3/6/15 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~~ 1.00

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 3-20	8	03595	NIPPLE .5"X3" 316SS SA-312 SCH
4	20350-7A	BRACE ELECTRICAL BOX SS (NEW)	8	03596	NIPPLE .5"X3.5" SA312 316SS
16	04428	BUSHING .25" X .125" 316SS A35	4	03600	NIPPLE .5"X3" SA312 316SS EH SS
8	03587	BUSHING .5"X.25" 316SS 150# A3	8	03598	NIPPLE .5"X.4" SCH80 316SS SA312
8	03588	BUSHING .75"X.25" 316SS 150# A3	12	03601	NIPPLE .35" CLOSE SA312 316SS
4	05182	BUSHING 1" X .25" 316SS REDUCI	4	04639	NIPPLE .25" X .8" SA312 316SS S
8	03589	BUSHING 1"X.5" 316SS CAST SA3	4	03605	NIPPLE .75"X.4" SA312 316SS EH
4	03590	BUSHING 1"X.75" 316SS CAST SA3	8	03607	NIPPLE 1" CLOSE SA312 316SS EH
4	03609	BUSHING 1.25" X 1" 316SS 150#	4	03614	NIPPLE 1"X.4" SA312 316SS
4	03689	CARTON 42W 54L 36.75 500# TEST	4	03790	NIPPLE 1.25" CLOSE SA312 316SS
14	02344	CONDUIT ALFLEX type SWA 1.25"	12	03834	NIPPLE .25" X .8" 316SS SA312
10	02340	CONDUIT ALFLEX type SWA .375"	36	01644	NUT .625-11 HEX ASTM A193B8M C
8	02346	CONDUIT CONNECTOR .375" 90 DEG	8	04169	PIPE PLUG .125" HEX HEAD 316SS
8	02352	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# A351
8	03530	CONTACTOR 5A 120V 3P ULCSA	4	03592	PIPE PLUG .5" SQ. HEAD 316SS I
4	30838	CONTROLLER 04316-EDC-LED	8	03730	PIPE FLURO .75" GHEAD 316SS I
8	03646	COUPLING .25" FULL 316SS 150#	12	03851	PIPE FLURO 1" 316SS 150# A351 C
12	03591	COUPLING .5" FULL 316SS 150#	4	05077	PRESSURE CONTROL 13.5# HIGH LI
4	04325	CROSS 1" 316SS A351 CAST 150#	4	04162	PRESSURE CONTROL 5# OPERATING
12	04800	ELBOW .25" 316SS FEMALE 90 DE	4	20990	PRESSURE CONTROL ENCLOSURE COV
20	03581	ELBOW .5" 90DEG, 316SS 150# A3	4	20989	PRESSURE CONTROL ENCLOSURE SR
8	05182	ELBOW .75" 90DEG, 316SS 150# A	4	03752	PRESSURE GAUGE .25" 30# 316 ST
4	03990	ELBOW 1.25" 90DEG, 316SS 150#	4	SR-80A 316	SHELL SR-80A WELDED 316SS COM
4	20392-14A	ELECTRIC BOX SUPPORT 7.5 X1.5"	4	SK102A	SKID BOILER NEW RHRHRC 24-80
4	20040B	ELECTRICAL ENCLOSURE 26" X 30"	4	04660	STRAINER .75" Y 316SS
4	20757	ELECTRICAL PNL ASSY R46-120 LB	48	03642	STUD .625-11X3.25" FULL THREAD
8	03662	ELEMENT 480V 20KW 3PH ALL 316	8	04213	SWITCH ILLUMINATED RED W/WHITE
8	02027	FLANGE GASKET 2" RING	8	03616	SYNTHON .25" STRAIGHT 316SS SA3
4	03125	FUSE 250V 15A ULCSA	12	04274	TAPE PTFE .5" X 260" FOR SS GR
4	03655	FUSE 250V 5A ULCSA	12	03931	TEE .25" 316SS 150# A351 CAST
24	03134	FUSE 600V 30A ULCSA	8	03585	TEE .5" 316SS 150# A351 CAST C
8	02613	FUSE BLOCK 600V 30A 1P ULCSA	8	03586	TEE .75" 316SS 150# A351 CAST
8	02951	KNOCKOUT SEAL .5" COND 78" HO	4	03853	TEE 1" ASTM A351-00 CF8M 316SS
4	05178	LWCO LSS SGL 7.75", 9.75" SR4	24	02176	TERMINAL LUG #8 HOMAC ULCSA
4	04488	NIPPLE .25" X 2" NPT 316SS	4	04276	TERAGNAL STRIP 300V 35A 10-22
4	03826	NIPPLE .25" X 3" SA312 316SS	4	03818	TICKET HOLDER FOR SHOP CLEAR F
4	03827	NIPPLE .25" X 4" SA-312 316SS	4	03594	UNION .5" 316SS 150# A351 CAST
12	03670	NIPPLE .25"X1.5" SA-312 316SS	4	03580	VALVE 3-WAY .25" FEMALES 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" 316LSS STD WA	4	03574	VALVE BALL .75" SA351 CF8M TP3
4	03594	NIPPLE .5"X1.5" 316SS SA-312	4	03570	VALVE BALL 1" SA 351 CF8M 7316



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Work Order Traveler

SCHEDULED START: 12/31/14

DUE DATE: 01/20/15

QUANTITY: ~~4500~~ 100

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
8	03575	VALVE CHECK .5" BALL CONE SPR			
4	04609	VALVE SAFETY SS .75" 15# SWP 1			
4	03609	VALVE SOLENOID .5"120V WATER			
6	02209SS	WRAPPER END 20" 20103REV.B 16G			
4	20054A	WRAPPER R34-80 (NEW)			