

CRN# _____

NATL.BD#

72595

SERIAL#

74582

Reimers®
 Electra Steam, Inc.

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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 STEAM
DATE (M/D/Y) 3/31/2015UL FILE # E39545

WIRING DIAGRAM # _____ REV _____

DIELECTRIC VOLTAGE- WITHSTAND

TEST: (IAW U.L. 834)

 VOLTS 2350 SAT ☒ UNSAT ☐
 PERFORMED BY BSB DATE 3/31/15

HYDRO TEST OF COMPLETE-BOILER

 P.S.I.G. 15
 PERFORMED BY OC
 DATE 3/27/15

HEATING ELEMENT TEST

VOLTS 480 AMPS 48.1TOTAL WATT 40K TEST 240 V 22.8A

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 3/31/15MANUFACTURER CONBRACOModel # 19-LEDA-15STEAM BOILER ☒HOT WATER BOILER ☐MAX. W. P. 15 PSIG (VALVE ASME PLATE)MAX. W. P. 15 PSIG (VALVE ASME PLATE)CAPACITY 310 PPH (VALVE ASME PLATE)CAPACITY 340 BTU/HR (VALVE ASME PLATE)SIZE 3/4 INSIZE 3/4 INREQUIRED 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	N/A	X	3/31/15	REIMERS	20838	20838
MANUAL RESET	B. Butts	X				
PRESSURE CONTROLS			3/31/15	TECMARK	3160-EQ	05077
HIGH LIMIT	B. Butts	13.5				
OPERATING #1	B. Butts	12	3/31/15	TECMARK	3160-EP	04162
OPERATING #2						
TEMPERATURE CONTROLS						
HIGH LIMIT	N/A					
OPERATING CONTROL						

Representing Reimers Electra Steam, INC. (Name) BRAD BUTTSDATE 3/31/15 Signature Brad Butts

Representing Installer Contractor (Name) _____

DATE _____ Signature _____



0030253

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Work Order Traveler

SCHEDULED START: 12/31/14

DUE DATE: 01/20/15

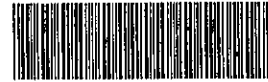
QUANTITY: 400 / 20

UNIT OF MEASUREMENT: EA

0030253

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

MAKE FOR: T/M
PLANNER:



0030253

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Work Order Traveler

SCHEDULED START: 12/31/14

DUE DATE: 01/20/15

QUANTITY: 400 / 100

UNIT OF MEASUREMENT: EA

0030253

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

MAKE FOR: T/M
PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
4	02616	BLOCK POWER DISTRIBUTION 3-2/0	8	03595	NIPPLE .5"X2" 316SS SA-312 SCH
4	20350-7A	BRACE ELECTRICAL BOX SS (NEW)	8	03596	NIPPLE .5"X2.5" SA312 316SS
16	04428	BUSHING .25" X .125" 316SS A35	4	03600	NIPPLE .5"X3" SA312 316SS EH S
8	03587	BUSHING .5"X.25" 316SS 150# A3	8	03598	NIPPLE .5X4" SCH80 316SS SA312
8	03588	BUSHING .75"X.5" 316SS 150# A3	12	03601	NIPPLE .75" CLOSE SA312 316SS
4	05182	BUSHING 1" X .25" 316SS REDUCI	4	04039	NIPPLE .75" X 8" SA312 316SS S
8	03589	BUSHING 1"X.5" 316SS CAST SA3	4	03605	NIPPLE .75"X4" 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	03674	NIPPLE 1"X4" SA312 316SS
4	03089	CARTON 42W 54L 36.75 500# TEST	4	04390	NIPPLE 1.25" CLOSE SA312 316SS
14	02244	CONDUIT ALFLEX type SWA 1.25"	12	03814	NIPPLE 2.5" X CLOSE 316SS SA312
10	02240	CONDUIT ALFLEX type SWA .375"	36	03644	NUT .625-11 HEX ASTM A194B8M 3
8	02246	CONDUIT CONNECTOR .375" 90 DEG	8	04069	PIPE PLUG .125" 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
8	02530	CONTACTOR 50A 120V 3P UL/CSA	4	03592	PIPE PLUG .5" SQ. HEAD 316SS 1
4	20838	CONTROLLER 04316-EBG-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	05077	PRESSURE CONTROL 13.5# HIGH LI
4	04325	CROSS 1" 316SS A351 CAST 150#	4	04102	PRESSURE CONTROL 5# OPERATING
12	04860	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	03582	ELBOW .75" 90DEG. 316SS 150# A	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	SKID25	SKID BOILER NEW R.H.RHC 24-40
4	200840	ELECTRICAL ENCLOSURE 35" X 30"	4	04660	STRAINER .75" Y 316SS
4	20757	ELECTRICAL PNL ASSY R36-120 LS	48	03642	STUD .625-11X2.25" FULL THREAD
8	03662	ELEMENT 480V 20KW 3PH ALL 316	8	04213	SWITCH ILLUMINATED RED W/WHITE
8	02022	FLANGE GASKET 3" RING	8	03616	SYTHON.25" STRAIGHT 316SS SA-3
4	02125	FUSE 250V 15A UL/CSA	12	04274	TAPES PTFE .5" X 260" FOR SS GR
4	03655	FUSE 250V 5A UL/CSA	12	03931	TEE .25" 316SS 150# A351 CAST
24	02124	FUSE 600V 30A UL/CSA	8	03585	TEE .5" 316SS 150# A351 CAST C
8	02613	FUSE BLOCK 600V 30A 3P UL/CSA	8	03586	TEE .75" 316SS 150# A351 CAST
8	02951	KNOCKOUT SEAL .5" COND 78" HO	4	03823	TEE 1" ASTM A351-00 CF8M 316SS
4	05178	LWCO LSS SGL 7.75" 9.75" SR4	24	02176	TERMINAL LUG #8 HOMAC UL/CSA
4	04488	NIPPLE .25" X2" NPT 316SS	1	04378	TERMINAL STRIP 300V 35A 10-22
4	03826	NIPPLE .25" X3" SA312 316SS	4	03818	TICKET HOLDER FOR SHOP CLEAR F
4	03827	NIPPLE .25" X 4" SA-312 316SS	4	03384	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" SA351 CF8M TP16

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
8	03575	VALVE CHECK .5" BALL CONE SPR			
4	04669	VALVE SAFETY SS .75" 15# SWP 1			
4	03609	VALVE SOLENOID .5"120V WATER			
8	03209SS	WRAPPER END 20" 20103 REV.B 16G			
4	20034A	WRAPPER R24-80 (NEW)			