

CRN#

NATL.BD#

72596

SERIAL#

74583

Reimers®
 Electra Steam, Inc.

 4407 Martinsburg Pike
 Clear Brook, VA 22624
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NAMEPLATE RATINGS:

 PART NUMBER RX60C3A
 MODEL R-60
 POWER SUPPLY WIRE SIZE 4/0
 POWER VOLTS 208
 CONTROL VOLT 120
 PHASE 3
 HZ 60
 MAX. W.P. 100
 KILOWATTS 60

 CERTIFICATION & REPORTING (CG-500) CSD-1
 OPERATIONAL TEST/ELECTRIC AND STEAM
DATE (M/D/Y) 4 / 13 / 20 15UL FILE # E39545
 WIRING DIAGRAM # 03.11.20.50.60.70.X.90. REV 5
123.174.190

 DIELECTRIC VOLTAGE- WITHSTAND
 TEST: (IAW U.L. 834)

 VOLTS 1200 SAT ✓ UNSAT _____
 PERFORMED BY BSS DATE 4/13/15

 HYDRO TEST OF
 COMPLETE BOILER

 P.S.I.G. 15
 PERFORMED BY DC
 DATE 4/13/15

HEATING ELEMENT TEST

 VOLTS 208 AMPS 166.5
 TOTAL WATT 60K TEST 240 V187.5A

CHECKOUT

1. APPEARANCE ✓
2. BLOWDOWN MAN ✓ AUTO N/A
3. TRANSFORMER N/A
4. CONDENSATE TANK N/A
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. 3
22. ELEMENT VOLT/KW 208/20
23. NAMEPLATE ✓
24. JURISDICTION = VA
25. FUEL = ELECTRIC

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

SAFETY RELIEF VALVE

OPERATIONAL TEST PERFORMED ✓DATE 4/13/15MANUFACTURER CONBRACOModel # 19-KEDA-15BHSTEAM 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) 210 PPH

REQUIRED CAPACITY (BTU/HR = 3412 x kW) _____ BTU/HR

MAX. TEMPERATURE _____ °F

	OPERATIONAL TEST	SETTING
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>
PRESSURE CONTROLS		
HIGH LIMIT	<u>B. Butts</u>	<u>13.5</u>
OPERATING #1	<u>B. Butts</u>	<u>8</u>
OPERATING #2	<u>B. Butts</u>	<u>7</u>
TEMPERATURE CONTROLS		
HIGH LIMIT	<u>N/A</u>	
OPERATING CONTROL		

DATE	MANUFACTURER	MODEL #	PART#
<u>4/13/15</u>	<u>REIMERS</u>	<u>04316</u>	<u>04316</u>
<u>4/13/15</u>	<u>TECMARK</u>	<u>3160-EQ</u>	<u>05077</u>
<u>4/13/15</u>	<u>TECMARK</u>	<u>3160-EP</u>	<u>04162</u>
<u>4/13/15</u>	<u>TECMARK</u>	<u>3160-EP</u>	<u>04162</u>

Representing Reimers Electra Steam, INC. (Name) BRAD BUTTSDATE 4/13/15 Signature Brad Butts

Representing Installer Contractor (Name) _____

DATE _____ Signature _____

2 of 2



0030715

Page: 1

Work Order Traveler

SCHEDULED START: 03/16/15

DUE DATE: 03/19/15

QUANTITY: 2.00 1.00

UNIT OF MEASUREMENT: EA

0030715

ITEM NUMBER: RX60C3A

DESCRIPTION: BOILER R 60KW 208V 3PH 15# SAF

REVISION: 001

OPTION CODE:

MAKE FOR: I/M

PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
2	02618	BLOCK POWER DISTRIBUTION 3/500	2	02522	GAUGE PROTECTOR 6" U-SHAPE
2	20350-7A	BRACE ELECTRICAL BOX SS (NEW)	2	04092	GROUND STRAP #4 BRAIDED
2	20350-14	BRACE SOLENOID R MODEL 24-80 /	46	02030	INSULATION 2" X 48" X 100' FIB
2	01128	BUSHING .5X.25 HEX BLACK FORGE	4	02951	KNOCKOUT SEAL .5" COND 7/8" HO
2	01124	BUSHING .75" X .5" HEX BLACK M	2	20861	LABEL MAX. TORQUE 10 LB IN/O
2	01121	BUSHING 1" X .5" HEX BLACK MAL	2	04301	LABEL NAMEPLATE UL/CSA 3.48 X
2	01120	BUSHING 1" X .75" HEX BLACK MA	30	01345	LOCKWASHER .3125" SPRING/SPLIT
4	04528	CABLE TIE MOUNT	4	04522	NIPPLE .5" X 1.5" BRASS
2	03089	CARTON 42W 54L 36.75 500# TEST	4	02788	NIPPLE .5" X 2" BLACK EH SA-10
2	02307	CEILING PLATE 1.25" PIPE SIZE	2	02789	NIPPLE .5" X 2.5" BLACK EH SA-
3	02343	CONDUIT 1" FLEXIBLE STEEL U.L.	2	02792	NIPPLE .5" X 4" BLACK EH
4	02244	CONDUIT ALFLEX type SWA 1.25"	2	02796	NIPPLE .5" X 6" BLACK EH
5	02240	CONDUIT ALFLEX type SWA .375"	2	04526	NIPPLE .5" X 6" BRASS SB43 GRO
8	02246	CONDUIT CONNECTOR .375" 90 DEG	12	02786	NIPPLE .5" X CLOSE BLACK EH SA
4	02252	CONDUIT CONNECTOR .375" STR	2	02799	NIPPLE .75" X 2" BLACK EH SA-1
4	02249	CONDUIT CONNECTOR 1" X 90 DEG.	2	02800	NIPPLE .75" X 2.5" BLACK EH SA
8	02250	CONDUIT CONNECTOR 1.25" 90 DEG	2	02807	NIPPLE .75" X 9" BLACK EH SA-1
8	02956	CONDUIT SLEEVE 1.25" T&B UL/CS	4	01180	NIPPLE .75" X CLOSE BLACK EH S
2	03445	CONTACTOR 35A 120V 2P UL/CSA	2	02806	NIPPLE .75"X6" BLACK EH
6	02539	CONTACTOR 75A 120V 3P UL/CSA	2	02802	NIPPLE .75X4 BLACK EH SCH80 SA
2	20838	CONTROLLER 04316-EBC-LED	2	02817	NIPPLE 1.25 X CLOSE BLACK EXHV
2	03022	COUPLING FULL .75" NPT SA105	2	02820	NIPPLE 1.25X4 BLACK EH
2	02988	CROSS .5" BLACK MALLEABLE IRON	42	01221	NUT .3125-18 HEX MACH. SCREW Z
2	04525	CROSS .5" BRASS B62 C836	24	01168	NUT .625"-11 HEAVY HEX STEEL A
2	04229	DECAL SHEET	8	01147	PIPE PLUG .5" SQUARE HEAD FRGD
2	01162	ELBOW .25" BRASS FEMALE SB62 C	2	04776	PIPE PLUG .75" NPT COUNTERSUNK
8	01133	ELBOW .5X90 DEG. STREET BLACK	2	01173	PIPE PLUG .75" SQ HEAD BLACK S
2	01095	ELBOW .75" X 90 DEG. BLACK MAL	2	05077	PRESSURE CONTROL 13.5# HIGH LI
2	01097	ELBOW 1.25" X 90 DEG. BLACK MA	4	04162	PRESSURE CONTROL 5# OPERATING
4	02997	ELBOW STREET .25" 90 DEG. SB62	2	20763	PRESSURE CONTROL MANIFOLD R-24
2	20292-14A	ELECTRIC BOX SUPPORT 35 X1.5"	2	02451	PRESSURE GAUGE 2.5" 0-30#
2	20064B	ELECTRICAL ENCLOSURE 26" X 30"	2	20062A	PROBE COVER R36-120
2	20757	ELECTRICAL PNL ASSY R36-120 LE	8	01246	SCREW 8-32X.375RDHD MCH PLT SL
6	02600	ELEMENT 208V 20KW 3PH. SS 304	2	R-80A	SHELL R70-80 (COMPLETE NEW)
2	03049	FLANGE 2" BLIND 150# A-105	2	SKID2A	SKID BOILER NEW RRRHHC 24-80
8	02022	FLANGE GASKET 2" RING	4	04529	STANDOFF HEX 1.5" X .375" FOR
2	02125	FUSE 250V 15A UL/CSA	2	03325	STRAINER .5" Y SB-62 UNS C8360
2	02655	FUSE 250V 5A UL/CSA	6	04213	SWITCH ILLUMINATED RED W/WHITE
18	02129	FUSE 250V 80A UL/CSA	4	04400	SYPHON TUBE .25" BRASS SB43 GR
6	02144	FUSE BLOCK 250V 100A 3P UL/CSA	0	04308	TAPE ALUMINUM FOIL DUCT 60YD R
2	02420	GAUGE GLASS 5.875" X .625" PYREX	10	01104	TEE .5" BLACK MALLEABLE IRON 1
2	MBI-9	GAUGE GLASS SAFETY ROD R-MODEL	4	04523	TEE .5" BRASS SB62 C836



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DESCRIPTION: BOILER R 60KW 208V 3PH 15# SAF

REVISION: 001

OPTION CODE:

MAKE FOR: I/M

PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
4	01103	TEE .75" BLACK MALLEABLE IRON			
2	04564	TEE REDUCING BRASS .5" X .5" X			
18	02176	TERMINAL LUG #8 HOMAC UL/CSA			
1	04276	TERMINAL STRIP 300V 35A 10-22			
2	03818	TICKET HOLDER FOR SHOP CLEAR F			
2	01088	UNION .5" BLACK MALLEABLE IRON			
2	02490	VALVE BALL .5" 200# SWP			
2	03802	VALVE BALL .75" W/LATCH 200# S			
2	03209	VALVE BALL 1.25" 200# SWP SB84			
2	02462	VALVE CHECK .5" 125# SWP SWING			
2	02692	VALVE CHECK .5" BALL CONE SPRIN			
2	03254	VALVE GAUGE TEST .25" SB584 C			
2	02010	VALVE SAFETY .75" 15# SWP 1" O			
2	02301	VALVE SOLENOID .5" 120V 60 HZ			
2	02396	WATER GAUGE SET STANDARD SHANK			
20	04439	WIRE #18 TGGT 600V 250C UL/CSA			
2	02209SS	WRAPPER END 20" 20103REV.B 16G			
2	20843	WRAPPER END 20" W/2" HOLE			
2	20054A	WRAPPER R24-80 (NEW)			