

CRN# _____

NATL.BD# 72589SERIAL# 94576**Reimers**
Electra Steam, Inc.

4407 Martinsburg Pike

P: 540-662-3811

Clear Brook, VA 22624

F: 540-665-8101

www.reimersinc.com

sales@reimersinc.com

NAMEPLATE RATINGS:

PART NUMBER HLR60K3FMODEL HLR-60POWER SUPPLY WIRE SIZE 3POWER VOLTS 480CONTROL VOLT 120PHASE 3HZ 60MAX. W.P. 100KILOWATTS 60CERTIFICATION & REPORTING (CG-500) CSD-1
OPERATIONAL TEST/ELECTRIC AND STEAMDATE (M/D/Y) 8 / 13 / 20 15

UL FILE # E39545

WIRING DIAGRAM # _____ REV _____

DIELECTRIC VOLTAGE- WITHSTAND

TEST: (IAW U.L. 834)

VOLTS 2352 SAT ☒ UNSAT _____PERFORMED BY B.S.B. DATE 8/13/15HYDRO TEST OF
COMPLETE BOILER

P.S.I.G. _____

PERFORMED BY _____

DATE _____

HEATING ELEMENT TEST

VOLTS 480AMPS 70.4

TOTAL WATT 60K

CHECKOUT

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

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

SAFETY RELIEF VALVE

OPERATIONAL TEST PERFORMED ☒DATE 8/13/15MANUFACTURER CONBRACOModel # 250-3/4-100STEAM BOILER ☐HOT WATER BOILER ☒

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

MAX. W. P. 100 PSIG (VALVE ASME PLATE)

CAPACITY _____ PPH (VALVE ASME PLATE)

CAPACITY 2015,000 BTU/HR (VALVE ASME PLATE)

SIZE _____ IN

SIZE 3/4 IN

REQUIRED CAPACITY (PPH = 3.5 x kW) _____ PPH

REQUIRED CAPACITY (BTU/HR = 3412 x kW) 204,720 BTU/HRMAX. TEMPERATURE 250 °F

OPERATIONAL TEST		SETTING				
LOW WATER CUTOFF	PERFORMED BY	PSI/°F	DATE	MANUFACTURER	MODEL #	PART#
AUTO RESET		X				
MANUAL RESET	<u>B. Butts</u>	X	<u>8/13/15</u>	REIMERS	04316	04316
PRESSURE CONTROLS						
HIGH LIMIT						
OPERATING #1						
OPERATING #2						
TEMPERATURE CONTROLS						
HIGH LIMIT	<u>B. Butts</u>	250	<u>8/13/15</u>	HONEYWELL	L4008E1040	02599
OPERATING CONTROL	<u>B. Butts</u>	196	<u>8/13/15</u>	HONEYWELL	L4008A1015	02378

Representing Reimers Electra Steam, INC. (Name) BRAD BUTTS

Representing Installer Contractor (Name) _____

DATE 8/13/15 Signature Brad Butts

DATE _____ Signature _____



0031848

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Work Order Traveler

SCHEDULED START: 07/20/15

0031848

DUE DATE: 07/22/15

ITEM NUMBER: **HLR60K3F**QUANTITY: **1.00**DESCRIPTION: **BOILER HLR 60KW 480V 3PH 100#**

UNIT OF MEASUREMENT: EACH

REVISION: 000

OPTION CODE:

MAKE FOR: I/M

PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	02378	AQUASTAT L4008A1015 HW 100-240	2	04529	STANDOFF HEX 1.5" X .375" FOR
1	02599	AQUASTAT L4008E 1040 HW HI LIM	1	05012	STEP CONTROL 4 STEP HW HLR
2	02433	AQUASTAT WELL .5"W/CLIP HW	1	20878-10	STEP CONTROL MOUNTING PLATE
1	20878-3	BASE HLR-105 SHELL	1	20780	TERMINAL BLOCK 3 POLE 600V 50A
1	02616	BLOCK POWER DISTRIBUTION 3-2/0	12	04080	TERMINAL RING FOR # 8 AWG WIR
1	01776	BOX 4 X 2.125 X 1.875 STEEL CI	1	02567	THERMOMETER REMOTE MT 2.5" DUA
1	02847	BOX COVER BLANK HANDY STEEL CI	1	05018	THERMOWELL FOR 05012 STEP CONT
1	01904	BRASS ROD .25" (WELDING ROD)	1	03818	TICKET HOLDER FOR SHOP CLEAR F
1	01131	BUSHING .375X.125 HEX FORGED I	1	02514	VALVE BALL .75" 200# SWP
2	04528	CABLE TIE MOUNT	1	03201	VALVE DRAIN COCK .25" NPT
1	04701	CARTON RB 30W 35L 28.75H SLOT	1	02657	VALVE SAFETY .75" 100# HOT WAT
2	02849	CHASE NIPPLE 1.25"	2	20878-9	WRAPPER END CAP LEFT HLR-105
10	02240	CONDUIT ALFLEX type SWA .375"	1	20878-5	WRAPPER HLR-105 SHELL
6	02246	CONDUIT CONNECTOR .375" 90 DEG	1	02588	FUSE BLOCK 250V 30A 3P
1	04699	CONNECTOR .75" 2 SCREW NEER			
1	03445	CONTACTOR 35A 120V 2P UL/CSA			
4	02530	CONTACTOR 50A 120V 3P UL/CSA			
2	20995	COVER PLATE FAN HLR			
1	20878-6	E-BOX SUPPORT PLATE HLR-105			
1	20904	ELECTRICAL BOX HLR15-75			
1	02630	ELECTRODE FITTING CAST WARRICK			
1	20721-HLR	ELECTRONIC BOILER CONTROL HLR			
-1	04666	ELEMENT 480V 15KW 3P BDIM 18.5			
24	04076	FERRULES AWG 8			
1	20598	FLANGE BLIND 2.5" SQ. 4 BOLT			
1	02125	FUSE 250V 15A UL/CSA			
2	04574	FUSE 250V 3 AMP UL/CSA			
12	02134	FUSE 600V 30A UL/CSA			
1	02140	FUSE BLOCK 250V 30A 1P UL/CSA			
4	02613	FUSE BLOCK 600V 30A 3P UL/CSA			
4	02281	GASKET 2.5" SQUARE .0625 THICK			
1	20071	GAUGE PLATE HLR 24-550			
1	20861	LABEL MAX. TORQUE 10. LB IN /O			
1	03753	NIPPLE 2" X 6" BLACK EH.SA106			
1	03302	NUT .25-20 HEX BRASS			
1	02569	PRESSURE GAUGE 2.5" PANEL MOUN			
2	04603	RELAY 1 PDT 120 V			
1	20878-4	SADDLE HLR-105 BOILER BOTTOM			
1	20878-2	SADDLE HLR-105 LEFT SHELL			
1	20878-1	SADDLE HLR-105 RT. SHELL			
1	HLR-75	SHELL 15-75 WELDED COMPLETE			
1	04700	SKID 30" X 35.5" RB rev3			