

CRN# _____

NATL.BD# _____

SERIAL# _____

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 SRH60K3F

MODEL RH-60

POWER SUPPLY WIRE SIZE 3

POWER VOLTS 480

CONTROL VOLT 120

PHASE 3HZ 60MAX. W.P. 100KILOWATTS 60
**CERTIFICATION & REPORTING (CG-500) CSD-1
 OPERATIONAL TEST/ELECTRIC AND STEAM**
DATE (M/D/Y) 10 / 10 / 20 13

UL FILE # E39545

WIRING DIAGRAM # 03.11.20.55.60.71.x90.126. REV
174.190

DIELECTRIC VOLTAGE- WITHSTAND

TEST: (IAW U.L. 834)

VOLTS 2352 SAT ☒ UNSAT _____PERFORMED BY BSD DATE 10/10/13HYDRO TEST OF
COMPLETE BOILERP.S.I.G. 100PERFORMED BY DCDATE 10/10/13

HEATING ELEMENT TEST

VOLTS 480

AMPS 69.6

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 ☒
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 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 10/10/13

MANUFACTURER CONBRACO

Model # 19-LDCA-100STEAM BOILER ☒HOT WATER BOILER ☐MAX. W. P. 100 PSIG (VALVE ASME PLATE)

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

CAPACITY 640 PPH (VALVE ASME PLATE)

CAPACITY _____ BTU/HR (VALVE ASME PLATE)

SIZE 1/2 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	DATE	MANUFACTURER	MODEL #	PART#
AUTO RESET	N/A	X				
MANUAL RESET	<u>B. Butts</u>	X	<u>10/10/13</u>	REIMERS	20838	20838
PRESSURE CONTROLS						
HIGH LIMIT	<u>B. Butts</u>	<u>90</u>	<u>10/10/13</u>	TECMARK	3155-ED	04296
OPERATING #1	<u>B. Butts</u>	<u>65</u>	<u>10/10/13</u>	TECMARK	3156-EC	04163
OPERATING #2	<u>B. Butts</u>	<u>60</u>	<u>10/10/13</u>	TECMARK	3156-EC	04163
TEMPERATURE CONTROLS						
HIGH LIMIT	N/A					
OPERATING CONTROL						

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

Representing Installer Contractor (Name) _____

DATE 10/10/13 Signature Brad Butts

DATE _____ Signature _____

0026603

Page: 1

Work Order Traveler

SCHEDULED START: 09/17/13

DUE DATE: 09/20/13

QUANTITY: **1.00**

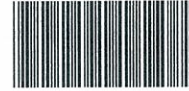
UNIT OF MEASUREMENT: EACH

0026603

ITEM NUMBER: **SRH60K3F**
 DESCRIPTION: **BOILER RH 60KW 480V 3PH 100# S**
 REVISION: 000
 OPTION CODE:

MAKE FOR: I/M
PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	02616	BLOCK POWER DISTRIBUTION 3-20	1	05181	NIPPLE .5" X 10" 316LSS STD WA
1	20350-7A	BRACE ELECTRICAL BOX SS (NEW)	4	04874	NIPPLE .5" X 2" SCH40 304SS SA
4	04837	BUSHING .25" X .125" 304SS 150	6	04911	NIPPLE .5" X 2.5" SCH40 304SS
1	04830	BUSHING .5" X .25" 304SS 150#	3	04886	NIPPLE .5" X 4" SCH40 304SS SA
2	04910	BUSHING .75" X .25" 304SS 150#	1	04922	NIPPLE .5" X 4.5" SA312 TP304
3	04829	BUSHING .75" X .5" 304SS 150#	1	04887	NIPPLE .5" X 5" SCH40 304SS SA
1	05182	BUSHING 1" X .25" 316SS REDUCI	14	04868	NIPPLE .5" X C CLOSE 304SS SCH40
3	04840	BUSHING 1" X .5" 304SS 150# A3	1	04891	NIPPLE .75" X 4" CLOS 304SS S
1	04829	BUSHING 1" X .75" 304SS 150# A	1	04884	NIPPLE .75" X 8" SCH40 304SS S
1	04842	BUSHING 1.25" X 1" 304SS 150#	3	04913	NIPPLE .75" X C CLOSE 304SS SCH4
1	03089	CARTON 42W 54L 36.75 500# TEST	1	04893	NIPPLE 1" X 4" SCH40 304SS SA3
4	02244	CONDUIT ALFLEX type SWA 1.25"	2	04866	NIPPLE 1" X C CLOSE 304SS SCH40
3	02240	CONDUIT ALFLEX type SWA .375"	1	04871	NIPPLE 1.25" X C CLOSE 304SS SCH
2	02246	CONDUIT CONNECTOR .375" 90 DEG	16	03644	NUT .625-11 HEX ASTM A194HRM 3
2	02242	CONDUIT CONNECTOR .375"STR	2	04908	PIPE PLUG .125" 304SS SQ HD 15
4	02250	CONDUIT CONNECTOR 1.25" 90 DEG	1	04835	PIPE PLUG .25" 304SS SQ HD 150
3	02530	CONTRACTOR 50A 120V 3P UL/CSA	1	04833	PIPE PLUG .375" 304SS SQ HD 15
1	20838	CONTROLLER 04316-EBC-LED	4	04831	PIPE PLUG .5" 304SS SQ HD 150#
2	04944	COUPLING .25" FULL 304SS 1000#	2	04836	PIPE PLUG .75" 304SS SQ HD 150
2	03539	COUPLING .5" STAINLESS STEEL F	2	04939	PIPE PLUG 1" 304SS SQ HD 150#
1	04848	CROSS 1" 150# 304SS A351	2	04163	PRESSURE CONTROL 60# OPERATING
3	03671	ELBOW .25" 90DEG 150# 304SS	1	04296	PRESSURE CONTROL 90# H LIMIT
13	04829	ELBOW .5" 150# 304SS FEMALE 90	1	20990	PRESSURE CONTROL ENCLOSURE COV
2	04828	ELBOW .75" 150# 304SS FEMALE 9	1	20989	PRESSURE CONTROL ENCLOSURE SR
1	04861	ELBOW 1.25" 150# 304SS FEMALE	1	03613	PRESSURE GAUGE .25" 160# 316 S
1	20292-14A	ELECTRIC BOX SUPPORT 35 X1.5"	1	03619	PUMP 1/2HP 120-240V1P SS TDFI
1	20064B	ELECTRICAL ENCLOSURE 26" X 30"	1	SR-80A	SHELL SR-80A WELDED COMPLETE S
1	20757	ELECTRICAL PNL ASSY R36-120 LE	1	SKID2A	SKID BOILER NEW R-RHRCHE 24-80
3	03662	ELEMENT 480V 20KW 3PH ALL 316	1	03669	STRAINER .5" V"
1	03806	FLANGE 2" BLIND 150# 316L STAI	3	04213	SWITCH ILLUMINATED RED W/WHITE
4	02022	FLANGE GASKET 2" RING	2	04927	SYTHON .25" STRAIGHT 304SS SA3
1	02125	FUSE 250V 15A UL/CSA	3	04274	TAPE PTFE .5" X 260" FOR SS GR
9	02134	FUSE 600V 30A UL/CSA	3	04878	TEE .25" NPT 304SS FEMALE PORT
3	02613	FUSE BLOCK 600V 30A 3P UL/CSA	5	04856	TEE .5" 150# 304SS A351
2	02951	KNOCKOUT SEAL .5" COND 78" HO	3	04854	TEE .75" 150# 304SS A351
1	04325	LWCO LL SS DBL ADJ 11.75" R40	1	04855	TEE 1" 150# 304SS A351
2	04909	NIPPLE .25" X 2" SCH40 ERW 304	12	02176	TERMINAL LUG #8 HOMAC UL/CSA
1	05180	NIPPLE .25" X 3" 316L SS STD W	0	04276	TERMINAL STRIP 300V 35A 10-22
1	04872	NIPPLE .25" X 4" SCH40 304SS S	1	03818	TICKET HOLDER FOR SHOP CLEAR F
2	04865	NIPPLE .25" X C CLOSE 304SS SCH4	1	04851	UNION .5" 1000# 304SS A182
3	04683	NIPPLE .375 X 1.5" ASTM 316SS	1	03580	VALVE 3-WAY .25" FEMALE NPT SA
2	04964	NIPPLE .5" X 1.5" SCH40 304SS	1	03576	VALVE BALL .5" SA-351 CF8M TP3



0026603

Page: 2

Work Order Traveler

SCHEDULED START: 09/17/13

DUE DATE: 09/20/13

QUANTITY: 1.00

UNIT OF MEASUREMENT: EACH

0026603

ITEM NUMBER: **SRH60K3F**
 DESCRIPTION: **BOILER RH 60KW 480V 3PH 100# S**
 REVISION: **000**
 OPTION CODE:

MAKE FOR: I/M
PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	03574	VALVE BALL .75" SA351 CF8M TP3			
1	03870	VALVE BALL 1" SA 351 CF8M T3 16			
2	03575	VALVE CHECK .5" BALL CONE SPRI			
1	03571	VALVE SAFETY SS.5" 100#SWP 3/4			
1	03609	VALVE SOLENOID .5" 120V WATER			
2	0220988	WRAPPER END 20" 20103REV.B 16G			
1	20054A	WRAPPER R24-80 (NEW)			
	03573				
	03573	gauge glass fixture			