

STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 119856

SERIAL # 119856

CRN # _____

DATE (M/D/Y) 6/11/2019

WIRE DIAGRAM NO. 04.12.31.55.60.73.X.90.136.175.190.201 REV 7



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NAMEPLATE RATINGS:

(TO BE COMPLETED BY THE SALES DEPARTMENT)

PART NUMBER SRHC80K3A

MODEL RHC-80

POWER SUPPLY VOLTAGE 480

CONTROL VOLTAGE 120

PHASE 3

FREQUENCY (HZ) 60

MAX. W.P. 100

KILOWATTS 80

POWER SUPPLY WIRE SIZE 1

(TO BE COMPLETED BY THE ENGINEERING DEPARTMENT)

TESTING SEQUENCE (TO BE COMPLETED BY THE QUALITY CONTROL MANAGER/CERTIFIED INDIVIDUAL)

A. HYDROSTATIC TEST OF COMPLETED BOILER:

PSIG 15 PERFORMED BY B. Butts DATE 6/11/19 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 2352 PERFORMED BY B. Butts DATE 6/11/19 SATISFACTORY YES ☒ NO ☐

C. SAFETY RELIEF VALVE: MANUFACTURER CONBRACO Model # 19LEDA15Q

STEAM 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) 280 PPH

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

OPERATIONAL TEST PERFORMED BY B. Butts

DATE 6/11/19 SATISFACTORY YES ☒ NO ☐

D. HEATING ELEMENT TESTING: AMPS 98

VOLTS 480 TOTAL KW 80

PERFORMED BY B. Butts

DATE 6/11/19 SATISFACTORY YES ☒ NO ☐

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

	OPERATIONAL TEST	SETTING	DATE	MANUFACTURER	MFG. 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>6/11/19</u>	<u>REIMERS</u>	<u>04316</u>	<u>04316</u>
PRESSURE CONTROLS						
HIGH LIMIT	<u>B. Butts</u>	<u>13.5</u>	<u>6/11/19</u>	<u>TECMARK</u>	<u>03160-EQ</u>	<u>05077</u>
OPERATING #1	<u>B. Butts</u>	<u>11</u>	<u>6/11/19</u>	<u>TECMARK</u>	<u>03160-EP</u>	<u>04162</u>
OPERATING #2	<u>B. Butts</u>	<u>10</u>	<u>6/11/19</u>	<u>TECMARK</u>	<u>03160-EP</u>	<u>04162</u>
TEMPERATURE CONTROLS						
HIGH LIMIT						
OPERATING CONTROL						

F. CHECKOUT: CHECKOUT LIST NO. _____

SATISFACTORY YES ☐ NO ☐

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

DATE 6/11/19 Signature Brad Butts

Rep. Installer Contractor (Name) _____

DATE _____ Signature _____

WO # 42209



Reimers Electra Steam
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Clear Brook, VA 22624

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Replacement Parts List

Model Number: SRHC80K3A
BOILER SRHC 80KW 480V 3PH 15#

<u>Part Number</u>	<u>Description</u>
02616	BLOCK PWR DIST 3-2/0AWG 3 POLE
03445	CONTACTOR 35A 120V 2P DEFINITE
02530	CONTACTOR 50A 120V 3P DEFINITE
20838	CONTROLLER 04316-EBC-LED
03662	ELEMENT 480V 20KW 3P ALL 316SS
02125	FUSE 250V 15A CLASS K5 FAST-AC
02655	FUSE 250V 5A CLASS K5 FAST-AC
02134	FUSE 600V 30A CLASS K5 FAST-AC
04978	FUSE 600V 5A CLASS CC TRANSFOR
02690	GAUGE GLASS .625" X 7.25" DURA
05145	GAUGE SET BULLS EYE S.S 2" NPT
OPT1058	OPT FRAME FOR SR80 & BTANK
OPT1011-480RH	OPT TRANSFORMER 1.5KVA 480V/12
05077	PRESSURE CONTROL 13.5# HIGH LI
04162	PRESSURE CONTROL 5# OPERATING
03613	PRESSURE GAUGE 2.5" 0-160# 316
03752	PRESSURE GAUGE 2.5" 0-30# 316S
03619	PUMP 1/3 HP 120-240V1P SS TD.F
04316-U	RELAY SOLID STATE 120/240 30A/
05359	RELAY SPDT-12V (G2R-1-T DC 12V
04660	STRAINER .75" NPT Y 316SS ASTM
04213	SWITCH ILLUMINATED RED W/WHITE
02750	TRANSFORMER 1.5 KVA "B" 480-24
03580	VALVE 3-WAY .25" FEMALE NPT 31
03857	VALVE BALL .25" NPT 316SS 150#
03576	VALVE BALL .5" NPT 316SS ASTM
03574	VALVE BALL .75" NPT 316SS 200#
04942	VALVE BALL 1.25" NPT 316SS AST
03575	VALVE CHECK .5" NPT 316SS BALL
04669	VALVE SAFETY .75" NPT 316SS 15
03609	VALVE SOLENOID .5" 316SS 120/6