

STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 135630

SERIAL # 135630

DATE (M/D/Y) 5/9/23

CRN # _____



4407 Martinsburg Pike P: 540-662-3811
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NAMEPLATE RATINGS:

(TO BE COMPLETED BY THE SALES DEPARTMENT)

PART NUMBER SR80K3A
MODEL R-80
POWER SUPPLY VOLTAGE 480
CONTROL VOLTAGE 120
PHASE 3
FREQUENCY (HZ) 60
MAX. W.P. 100
KILOWATTS 60
POWER SUPPLY WIRE SIZE 1

(TO BE COMPLETED BY THE ENGINEERING DEPARTMENT)

WIRE DIAGRAM NO. 04.12.20.56.60.70.81.90.136.175.190.201 REV 7

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 5/9/23 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 2352 PERFORMED BY B. Butts DATE 5/9/23 SATISFACTORY YES ☒ NO ☐

C. SAFETY RELIEF VALVE: MANUFACTURER AQUATROL Model # 563EDIMIAI

STEAM BOILER ☒

HOT WATER BOILER ☐

MAX. W. P. 15 PSIG (VALVE ASME PLATE)

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

CAPACITY 309 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

MAX. TEMPERATURE _____ °F

OPERATIONAL TEST PERFORMED BY _____ DATE _____ SATISFACTORY YES ☐ NO ☐

D. HEATING ELEMENT TESTING: AMPS 95.6 VOLTS 480 TOTAL KW 80

PERFORMED BY B. Butts DATE 5/9/23 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>5/9/23</u>	<u>REIMERS</u>	<u>04316</u>	<u>04316</u>
PRESSURE CONTROLS						
HIGH LIMIT	<u>B. Butts</u>	<u>13.5</u>	<u>5/9/23</u>	<u>TECMARK</u>	<u>03160-EQ</u>	<u>05077</u>
OPERATING #1	<u>B. Butts</u>	<u>10</u>	<u>5/9/23</u>	<u>TECMARK</u>	<u>03160-EP</u>	<u>04162</u>
OPERATING #2	<u>B. Butts</u>	<u>9</u>	<u>5/9/23</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 5/9/23 Signature Brad Butts

Rep. Installer Contractor (Name) _____

DATE _____ Signature _____

M44830



Reimers Electra Steam
4407 Martinsburg Pike
Clear Brook, VA 22624

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Replacement Parts List

Model Number: SR80K3A

BOILER SR 80KW 480V 3PH 15# SA

<u>Part Number</u>	<u>Description</u>
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-ACT
05145	GAUGE SET BULLS EYE 2" NPT 316
05077	PRESSURE CONTROL 13.5# HIGH LI
04162	PRESSURE CONTROL 5# OPERATING
03752	PRESSURE GAUGE 2.5" 0-30# 316S
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 125#
04669	VALVE SAFETY .75" NPT 316SS 15
03609	VALVE SOLENOID .5" 316SS 120/6
OPT1016-SS	AUTOMATIC FLUSH & DRAIN
OPT1012-SS	AUXILARY LOW WATER CUTOFF
OPT1044	OPTIONAL ALARM RELAY