

STEAM WORKSHEET

UL-FILE # E39545

NAT. BD#

136670

SERIAL #

136670

CRN #

DATE (M/D/Y) 5 / 14 / 20 25

WIRE DIAGRAM NO.

12.91.101.110.121.131.140.X.X.XX

REV 0



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

A. HYDROSTATIC TEST OF COMPLETED BOILER:

PSIG 15 PERFORMED BY mm DATE 5-14-25 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 2352 PERFORMED BY mm DATE 5-14-25 SATISFACTORY YES ☒ NO ☐

C. SAFETY RELIEF VALVE: MANUFACTURER CONBRACO Model # 19KEDA15BH

STEAM BOILER ☒

HOT WATER BOILER ☐

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

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

CAPACITY 423 PPH (VALVE ASME PLATE)

CAPACITY BTU/HR (VALVE ASME PLATE)

SIZE 1/2 IN

SIZE IN

REQUIRED CAPACITY (PPH = 3.5 x kW) 157.5 PPH

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

MAX. TEMPERATURE °F

OPERATIONAL TEST PERFORMED BY mm DATE 5-14-25 SATISFACTORY YES ☒ NO ☐

D. HEATING ELEMENT TESTING: AMPS 53.5 VOLTS 480 TOTAL kW 45KW

PERFORMED BY mm DATE 5-14-25 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	N/A	X				
MANUAL RESET	mm	X	5-14-25	REIMERS	04316	04316
PRESSURE CONTROLS						
HIGH LIMIT	mm	15	5-14-25	TECMARK	03160-EQ	05077
OPERATING #1	mm	10	5-14-25	TECMARK	03160-EP	04162
OPERATING #2	N/A					
TEMPERATURE CONTROLS						
HIGH LIMIT	N/A					
OPERATING CONTROL						

F. CHECKOUT: CHECKOUT LIST NO. SATISFACTORY YES ☐ NO ☐

NAMEPLATE RATINGS:

(TO BE COMPLETED BY THE SALES DEPARTMENT)

PART NUMBER RBH45K3A

MODEL RH-45

POWER SUPPLY VOLTAGE 480

CONTROL VOLTAGE 120

PHASE 3

FREQUENCY (HZ) 60

MAX. W.P. 100

KILOWATTS 45

POWER SUPPLY WIRE SIZE 4

(TO BE COMPLETED BY THE ENGINEERING DEPARTMENT)

Rep. Reimers Electra Steam, INC. (Name) Marshall McFarland

DATE 5-14-25 Signature Marshall McFarland

Rep. Installer Contractor (Name)

DATE Signature



Reimers Electra Steam
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Clear Brook, VA 22624

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Replacement Parts List

Model Number: RBH45K3A

BOILER RBH 45KW 480V 3PH 15#

<u>Part Number</u>	<u>Description</u>
02530	CONTACTOR 50A 120V 3P DEFINITE
20838	CONTROLLER 04316-EBC-LED
MBJ057	ELECTRODE FITTING 057 MM/2.25"
04666	ELEMENT 480V 15KW 3P INCOLOY 8
02655	FUSE 250V 5A CLASS K5 FAST-ACT
05592	GAUGE GLASS .625" X 5.75" DURA
04162	PRESSURE CONTROL 5# OPERATING
05077	PRESSURE CONTROL 13.5#
02451	PRESSURE GAUGE 2.5" 0-30# BRZ .
04788	RELAY POWER 120V 30A GENERAL P
21036	SHURFLO PUMP WITH TERMINAL
02692	BOX VALVE CHECK .5" NPT BRZ 125#
02010	VALVE SAFETY .75" NPT BRZ 15#
05604	VALVE SOLENOID .375" BRZ 120/6

OPT1016-RIB-LOW

Blank-10

OPT1027