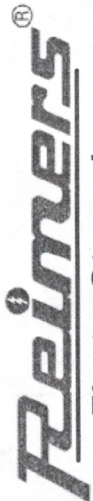


STEAM WORKSHEET

UL-FILE # E39545

DATE (M/D/Y) 2 / 14 / 20 20



4407 Martinsburg Pike P: 540-662-3811
Clear Brook, VA 22624 F: 540-665-8101
www.reimersinc.com sales@reimersinc.com

NAMEPLATE RATINGS:

(TO BE COMPLETED BY THE SALES DEPARTMENT)

PART NUMBER RBH45K3F
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)

NAT. BD# 113988

SERIAL # 113988

CRN #

WIRE DIAGRAM NO.

12, 91, 101, 110, 120, 131, 140, X, 160, 170

REV 0

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

A. HYDROSTATIC TEST OF COMPLETED BOILER:

PSIG 100 PERFORMED BY mm DATE 2-14-2020 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 2352 PERFORMED BY mm DATE 2-14-2020 SATISFACTORY YES ☒ NO ☐

C. SAFETY RELIEF VALVE: MANUFACTURER CONBRACO Model # 29-202A-100

STEAM BOILER ☒

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

CAPACITY 423 PPH (VALVE ASME PLATE)

SIZE 1/2 IN

REQUIRED CAPACITY (PPH = 3.5 x kW) 157.5 PPH

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

CAPACITY BTU/HR (VALVE ASME PLATE)

SIZE IN

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

MAX. TEMPERATURE °F

OPERATIONAL TEST PERFORMED BY mm DATE 2-14-2020 SATISFACTORY YES ☒ NO ☐

D. HEATING ELEMENT TESTING: AMPS 53.8

PERFORMED BY mm DATE 2-14-2020 SATISFACTORY YES ☒ NO ☐

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

OPERATIONAL TEST SETTING

LOW WATER CUTOFF PERFORMED BY N/A

AUTO RESET N/A

MANUAL RESET mm

PRESSURE CONTROLS

HIGH LIMIT mm

OPERATING #1 mm

OPERATING #2 N/A

TEMPERATURE CONTROLS

HIGH LIMIT N/A

OPERATING CONTROL

DATE 2-14-2020

PSI/°F X

X

90

80

N/A

N/A

N/A

N/A

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DATE 2-14-2020

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DATE 2-14



Replacement Parts List

Model Number: RBH45K3F

BOILER RBH 45KW 480V 3PH 100#

Reimers Electra Steam
4407 Martinsburg Pike
Clear Brook, VA 22624

Toll Free: 1-800-872-7562
Phone: 540-662-3811
Website: www.reimersinc.com

<u>Part Number</u>	<u>Description</u>
02616	BLOCK PWR DIST 3-2/0AWG 3 POLE
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
02125	FUSE 250V 15A CLASS K5 FAST-AC
02655	FUSE 250V 5A CLASS K5 FAST-ACT
05592	GAUGE GLASS .625" X 5.75" DURA
04163	PRESSURE CONTROL 60# OPERATING
04296	PRESSURE CONTROL 90# HI LIMIT
04661	PRESSURE GAUGE 2" 0-160# BRZ .
03693	PUMP 1.4 GPM 120V 1PH 8000-812
20992	PUMP SUBASSY 03693 120V 1 PH
04788	RELAY POWER 120V 30A GENERAL P
21036	SHURFLO PUMP WITH TERMINAL BOX
02472	VALVE BALL .25" NPT BRZ 200# W
02490	VALVE BALL .5" NPT BRZ 200# WS
03346	VALVE BALL .5" NPT BRZ W/LATCH
02692	VALVE CHECK .5" NPT BRZ 125# W
02637	VALVE SAFETY .5" NPT BRZ 100#
05604	VALVE, SOLENOID .375" BRZ 120/6
21189	WIRE 10 AWG LEFT ELEMENT RB
21188	WIRE 10 AWG RIGHT ELEMENT RB