

CRN# _____

NATL.BD# 103979SERIAL# 103979

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 RBH20K3F

MODEL RH-20

POWER SUPPLY WIRE SIZE 8POWER VOLTS 480CONTROL VOLT 120PHASE 3HZ 60MAX. W.P. 100KILOWATTS 20CERTIFICATION & REPORTING (CG-500) CSD-1
OPERATIONAL TEST/ELECTRIC AND STEAMDATE (M/D/Y) 4/20/2016

UL FILE # E39545

WIRING DIAGRAM # 56.91.101.110.122.131.140. REV 5
X. 160.170.180

DIELECTRIC VOLTAGE- WITHSTAND

TEST: (IAW U.L. 834)

VOLTS 2352 SAT ☒ UNSAT _____PERFORMED BY BSB DATE 4/20/16HYDRO TEST OF
COMPLETE BOILERP.S.I.G. 100PERFORMED BY BCDATE 4/20/16

HEATING ELEMENT TEST

VOLTS 480AMPS 24

TOTAL WATT 20K

CHECKOUT

1. APPEARANCE ☒
2. BLOWDOWN MAN N/A AUTO ☒
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. 2
22. ELEMENT VOLT/KW 480/10
23. NAMEPLATE ☒
24. JURISDICTION = VA
25. FUEL = ELECTRIC

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

SAFETY RELIEF VALVE

OPERATIONAL TEST PERFORMED ☒DATE 4/20/16

MANUFACTURER CONBRACO

Model # 29-202A-100

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) 105 PPH

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

MAX. TEMPERATURE _____ °F

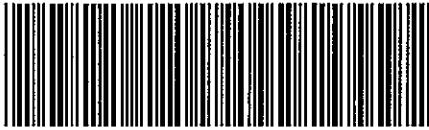
OPERATIONAL TEST		SETTING				
LOW WATER CUTOFF	PERFORMED BY	PSI/°F	DATE	MANUFACTURER	MODEL #	PART#
AUTO RESET	N/A	X				
MANUAL RESET	<u>B. Butts</u>	X	<u>4/20/16</u>	REIMERS	04316	04316
PRESSURE CONTROLS						
HIGH LIMIT	<u>B. Butts</u>	90	<u>4/20/16</u>	TECMARK	3155-ED	04296
OPERATING #1	<u>B. Butts</u>	80	<u>4/20/16</u>	TECMARK	3156-EC	04163
OPERATING #2	N/A					
TEMPERATURE CONTROLS						
HIGH LIMIT	N/A					
OPERATING CONTROL						

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

Representing Installer Contractor (Name) _____

DATE 4/20/16 Signature Brad Butts

DATE _____ Signature _____



0034312

Page: 1

Work Order Traveler

SCHEDULED START: 04/12/16

DUE DATE: 04/13/16

0034312

ITEM NUMBER: **RBH20K3F**
DESCRIPTION: **BOILER RBH 20KW 480V 3 PH 100#**
REVISION: 003
OPTION CODE:

QUANTITY: **1.00**
UNIT OF MEASUREMENT: EA

MAKE FOR: I/M
PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	04701	CARTON RB 30W 35L 28.75H SLOT			OPT1016-RB
1	02530	CONTACTOR 50A 120V 3P UL/CSA			
1	20838	CONTROLLER 04316-EBC-LED			
1	20775-11	COVER ELEMENT TERMINALS RB REV			
1	20775-7	COVER RIGHT ELEC BOX RB REV3			
1	20847	DISC, ORF-20 20KW STEAM ORIFIC			
2	04166	ELEMENT 480V 10KW 3P BDIM=18 Y			
1	02655	FUSE 250V 5A UL/CSA			
1	20840	MANIFOLD FEED WATER SUBASSY RB			
1	04661	PRESSURE GAUGE 2.0" .25" 0-160			
1	20992	PUMP SUBASSY 03693 120V 1 PH			
1	RB30-SUBAS	SUBASSEMBLY RB 10 THRU 30 BOIL			
6	04183	TERMINAL RING #12-10 WIRE #8 S			
1	02490	VALVE BALL .5" 200# SWP			
1	03346	VALVE BALL .5" W/LATCH 200 SWP			
1	02637	VALVE SAFETY .5" 100# SWP 1" O			
10	04278	WIRE #10 TGGT PTFE INS. W/GLAS			

BSB 4/20/16