

STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 105685

SERIAL # 105685

DATE (M/D/Y) 8/10/2016

CRN # _____



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 RBHC30K3F

MODEL RHC-30

POWER SUPPLY VOLTAGE 480

CONTROL VOLTAGE 120

PHASE 3

FREQUENCY (HZ) 60

MAX. W.P. 100

KILOWATTS 30

POWER SUPPLY WIRE SIZE 8

(TO BE COMPLETED BY THE ENGINEERING DEPARTMENT)

WIRE DIAGRAM NO.

58,91,102,110,120,131,140,X,160,170,180 REV 5

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

A. HYDROSTATIC TEST OF COMPLETED BOILER:

PSIG 100 PERFORMED BY B. Butts DATE 8/10/16 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 2352 PERFORMED BY B. Butts DATE 8/10/16 SATISFACTORY YES ☒ NO ☐

C. SAFETY RELIEF VALVE: 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 PERFORMED BY _____ DATE _____ SATISFACTORY YES ☐ NO ☐

D. HEATING ELEMENT TESTING: AMPS 35.5 VOLTS 480 TOTAL kW 30K

PERFORMED BY B. Butts DATE 8/10/16 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>8/10/16</u>	<u>REIMERS</u>	<u>04316</u>	<u>04316</u>
PRESSURE CONTROLS						
HIGH LIMIT	<u>B. Butts</u>	<u>90</u>	<u>8/10/16</u>	<u>TECMARK</u>	<u>03155-ED</u>	<u>04296</u>
OPERATING #1	<u>B. Butts</u>	<u>45</u>	<u>8/10/16</u>	<u>TECMARK</u>	<u>03156-EC</u>	<u>04163</u>
OPERATING #2	<u>N/A</u>					
TEMPERATURE CONTROLS						
HIGH LIMIT	<u>N/A</u>					
OPERATING CONTROL						

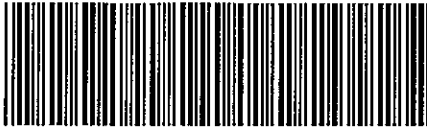
F. CHECKOUT: CHECKOUT LIST NO. _____ SATISFACTORY YES ☐ NO ☐

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

DATE 8/10/16 Signature Brad Butts

Rep. Installer Contractor (Name) _____

DATE _____ Signature _____



0035059

Page: 1

Work Order Traveler

SCHEDULED START: 08/01/16

0035059

DUE DATE: 08/02/16

ITEM NUMBER: **RBHC30K3F**QUANTITY: **1.00**DESCRIPTION: **BOILER RBHC 30KW 480V 3PH 100#**

UNIT OF MEASUREMENT: EA

REVISION: 003

OPTION CODE:

MAKE FOR: I/M

PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	20775-18	BLOWDOWN PIPE SUPPORT BKT RB30			
1	04701	CARTON RB 30W 35L 28.75H SLOT			
1	20932	COND TANK 11 GAL 2011 DESIGN S			
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	20848	DISC, ORF-30 30KW STEAM ORIFIC			
2	04666	ELEMENT 480V 15KW 3P BDIM 18.5			
1	02655	FUSE 250V 5A UL/CSA			
1	21051	NAMEPLATE ASME E-STAMP MINIATU			
1	04794	NIPPLE .25" X CLOSE BRASS SCH8			
1	04790	NIPPLE .5" X 5" BRASS SB43 SCH			
5	05351	NIPPLE .5" X CLOSE BRASS SCH80			
1	04163	PRESSURE CONTROL 60# OPERATING <i>BSB 8/10/16</i>			
1	04296	PRESSURE CONTROL 90# HI LIMIT <i>BSB 8/10/16</i>			
1	04661	PRESSURE GAUGE 2.0" .25" 0-160			
1	21035	RB PUMP RELAY MODULE			
1	RB30-SUBAS	SUBASSEMBLY RB 10 THRU 30 BOIL			
1	04564	TEE REDUCING .5"X.5"X.25" BRZ			
6	04183	TERMINAL RING #12-10 WIRE #8 S			
1	04775	UNION .5" BRZ ASTM B62 C836 AS			
1	02472	VALVE BALL .25" 200# SWP SB584			
2	02490	VALVE BALL .5" 200# SWP			
1	03346	VALVE BALL .5" W/LATCH 200 SWP			
1	02462	VALVE CHECK .5" 125# SWP SWING			
1	02370	VALVE CHECK .5" 200# SWP SPRIN			
1	02637	VALVE SAFETY .5" 100# SWP 1" O <i>BSB 8/10/16</i>			
10	04278	WIRE #10 TGGT PTFE INS. W/GLAS			