CRN# _____ NATL.BD# 72654 SERIAL# 74641

Reimers® Electra Steam, Inc.

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

CERTIFICATION & REPORTING (CG-500) CSD-1 OPERATIONAL TEST/ELECTRIC AND STEAM

NAMEPLATE RATINGS:

PART NUMBER RBH20E3F
MODEL RH-20
POWER SUPLY WIRE SIZE 6
POWER VOLTS 240
CONTROL VOLT 120
PHASE 3
HZ 60
MAX. W.P 100
KILOWATTS 20

DATE (M/D/Y) 6 / 17 / 2015 UL FILE # E39545

WIRING DIAGRAM # _____ REV 5

HEATING ELEMENT TEST
VOLTS 240 AMPS 47.1
TOTAL WATT 20K

DIELECTRIC VOLTAGE- WITHSTAND TEST: (IAW U.L. 834)
VOLTS 1200 SAT ✓ UNSAT ____
PERFORMED BY DC DATE 6/17/15

HYDRO TEST OF COMPLETE BOILER
P.S.I.G. 100
PERFORMED BY DC
DATE 6/17/15

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

SAFETY RELIEF VALVE OPERATIONAL TEST PERFORMED DC DATE 6/17/15

MANUFACTURER CONBRACO Model # 29-202A-100

STEAM BOILER [X]
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) 105 PPH

HOT WATER BOILER [ ]
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	SETTING PSI/°F	DATE	MANUFACTURER	MODEL #	PART#
LOW WATER CUTOFF						
AUTO RESET	N/A	X				
MANUAL RESET	DC	X	6/17/15	REIMERS	04316	04316
PRESSURE CONTROLS						
HIGH LIMIT	DC	90	6/17/15	TECMARK	3155-ED	04296
OPERATING #1	DC	60	6/17/15	TECMARK	3156-EC	04163
OPERATING #2	N/A					
TEMPERATURE CONTROLS						
HIGH LIMIT	N/A					
OPERATING CONTROL						

CHECKOUT

1. APPEARANCE ✓
2. BLOWDOWN MAN ✓ AUTO ____
3. TRANSFORMER ____
4. CONDENSATE TANK ____
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 240 10
23. NAMEPLATE ____
24. JURISDICTION = VA
25. FUEL = ELECTRIC

Representing Reimers Electra Steam, INC. (Name) David E Coff
DATE 6/17/15 Signature David E Coff

Representing Installer Contractor (Name) _____
DATE _____ Signature _____

0031269

Work Order Traveler

SCHEDULED START: 05/11/15

DUE DATE: **05/20/15**

0031269

ITEM NUMBER: **RBH20E3F**

QUANTITY: ~~5.00~~ 1.00

DESCRIPTION: BOILER RBH 20KW 240V 3 PH 100#

UNIT OF MEASUREMENT: EA

REVISION: 003

OPTION CODE:

MAKE FOR: I/M

PLANNER:

VEIT LINE

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
5	04701	CARTON RB 30W 35L 28.75H SLOT	50	04440	WIRE #8 PTFE INS. W/GLASS SLEE
5	02254	CONNECTOR .375" 2 SCREW NEER	10	04789	WIRE SADDLE NYLON LOCKING
5	02539	CONTACTOR 75A 120V 3P UL/CSA			
5	20838	CONTROLLER 04316-EBC-LED			
5	04781	COUPLING .5" BRASS B16.15 125			
5	20775-11	COVER ELEMENT TERMINALS RB REV			
5	20775-7	COVER RIGHT ELEC BOX RB REV3			
5	04229	DECAL SHEET			
5	04813	DINCONNECTOR/CORD FOR RB BOILE			
5	20847	DISC, ORF-20 20KW STEAM ORIFIC			
5	03923	ELBOW .5" TUBE X .375" NPT SB			
10	04165	ELEMENT 240V 10KW 3PH B-DIM.=1			
-10	20598	FLANGE BLIND 2.5" SQ. 4 BOLT			
5	02655	FUSE 250V 5A UL/CSA			
-10	02281-TOPOG-E	GASKET 2.5"X .125"t TOPOG-E			
5	20863	LABEL MAX. TORQUE 50. LB IN /0			
5	20860	LABEL MAX. TORQUE 7.0 LB IN /0			
5	04301	LABEL NAMEPLATE UL/CSA 3.48 X			
10	03077	LOCKWASHER .25" STEEL HELICAL			
5	20840	MANIFOLD FEED WATER SUBASSY RB			
5	04668	NIPPLE .25" X 1.125" BRASS SCH			
5	04787	NUT .25-20 WING ZINC PLATED			
10	01351	NUT .25-20HEX JAM PLATE			
10	04163	PRESSURE CONTROL 60# OPERATING OC 6/17/15			
5	04296	PRESSURE CONTROL 90# HI LIMIT OC 6/17/15			
5	20842	PRESSURE CONTROL MANIFOLD RB R			
5	04661	PRESSURE GAUGE 2.0" .25" 0-160			
5	20775-9	PUMP BASE MOUNTING BRACKET			
5	20992	PUMP SUBASSY 03693 120V 1 PH			
5	03344	RECEPTACLE CONN. MALE "AMPHENO			
5	03345	RECEPTACLE FEMALE "AMPHENOL"			
5	04593	SCREW .25-20 X .75 HEX CAP PLA			
5	04760	SCREW 1/4"-20 X .75" PAN HEAD			
40	01291	SCREW 8-32X.25RNDHD SLT MCH ZI			
30	01246	SCREW 8-32X.375RDHD MCH PLT SL			
5	04731	STUD PRESS-IN THREADED .25"-20			
5	RB30-SUBASY	SUBASSEMBLY RB 10 THRU 30 BOIL			
30	04080	TERMINAL RING FOR # 8 AWG WIR			
5	03818	TICKET HOLDER FOR SHOP CLEAR F			
5	02490	VALVE BALL .5" 200# SWP			
5	03346	VALVE BALL .5" W/LATCH 200 SWP			
5	02637	VALVE SAFETY .5" 100# SWP 1" O OC 6/17/15			