

CRN# _____

NATL.BD# 72615SERIAL# 746002**Reimers**
Electra Steam, Inc.4407 Martinsburg Pike
Clear Brook, VA 22624
www.reimersinc.comP: 540-662-3811
F: 540-665-8101
sales@reimersinc.com**NAMEPLATE RATINGS:**PART NUMBER RB18E3A
MODEL R-18
POWER SUPPLY WIRE SIZE 6
POWER VOLTS 240
CONTROL VOLT 120
PHASE 3
HZ 60
MAX. W.P. 100
KILOWATTS 18**CERTIFICATION & REPORTING (CG-500) CSD-1
OPERATIONAL TEST/ELECTRIC AND STEAM**DATE (M/D/Y) 4 / 7 / 20 15UL FILE # E39545WIRING DIAGRAM # 15, 91, 100, 110, 120, 131, 140 REV 5
X 160, 170, 180**DIELECTRIC VOLTAGE- WITHSTAND**

TEST: (IAW U.I. 834)

VOLTS 1200 SAT ☒ UNSAT ☐
PERFORMED BY OC DATE 4/7/15**HYDRO TEST OF
COMPLETE BOILER**P.S.I.G. 100
PERFORMED BY OC
DATE 4/7/15**HEATING ELEMENT TEST**VOLTS 240 AMPS 43.4TOTAL WATT 18K**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 9
23. NAMEPLATE ☒
24. JURISDICTION = VA
25. FUEL = ELECTRIC

SAFETY LIMIT CONTROLS (REF: ASME CSD-1, CG-500)**SAFETY RELIEF VALVE**OPERATIONAL TEST PERFORMED DCDATE 4/7/15MANUFACTURER CONBRACOModel # 19-KEDA-15BH**STEAM BOILER** ☒**HOT WATER BOILER** ☐MAX. W. P. 15 PSIG (VALVE ASME PLATE)

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

CAPACITY 310 PPH (VALVE ASME PLATE)

CAPACITY _____ BTU/HR (VALVE ASME PLATE)

SIZE 3/4 IN

SIZE _____ IN

REQUIRED CAPACITY (PPH = 3.5 x kW) 105 PPH

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

MAX. TEMPERATURE _____ °F

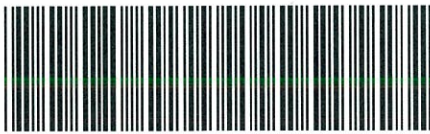
OPERATIONAL TEST		SETTING	DATE	MANUFACTURER	MODEL #	PART#
LOW WATER CUTOFF	PERFORMED BY	PSI/°F				
AUTO RESET	N/A	X				
MANUAL RESET		X		REIMERS	04316	04316
PRESSURE CONTROLS						
HIGH LIMIT	<u>OC</u>	<u>15</u>	<u>4/7/15</u>	TECMARK	<u>05077</u>	<u>3160EQ</u>
OPERATING #1	<u>OC</u>	<u>8</u>	<u>4/7/15</u>	TECMARK	<u>04162</u>	<u>3160EP</u>
OPERATING #2	N/A			TECMARK		
TEMPERATURE CONTROLS						
HIGH LIMIT	N/A					
OPERATING CONTROL						

Representing Reimers Electra Steam, INC. (Name) David E. CoffinDATE 4/7/15Signature [Signature]

Representing Installer Contractor (Name) _____

DATE _____

Signature _____



0030812

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Work Order Traveler

SCHEDULED START: 04/01/15

0030812

DUE DATE: 04/02/15

ITEM NUMBER: **RB18E3A**QUANTITY: **1.00**DESCRIPTION: **BOILER RB 18KW 240V 3PH 15# SA**

UNIT OF MEASUREMENT: EA

REVISION: 003

OPTION CODE:

MAKE FOR: I/M

PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	20654	BRACKET SOLENOID VALVE	1	RB30-SUBAS	SUBASSEMBLY RB 10 THRU 30 BOIL
1	04462	BUSHING .375 X .25 BRASS SB16	6	04080	TERMINAL RING FOR # 8 AWG WIR
1	03944	BUSHING .5 X .375 BRASS (PARKE	1	03818	TICKET HOLDER FOR SHOP CLEAR F
-1	03945	BUSHING .75 X .5 BRASS (PARKER	1	02490	VALVE BALL .5" 200# SWP
1	04701	CARTON RB 30W 35L 28.75H SLOT	1	03346	VALVE BALL .5" W/LATCH 200 SWP
1	02254	CONNECTOR .375" 2 SCREW NEER	1	02010	VALVE SAFETY .75" 15# SWP 1" O
1	02530	CONTACTOR 50A 120V 3P UL/CSA	1	04761	VALVE SOLENOID .375" 120V WATE
1	20838	CONTROLLER 04316-EBC-LED	8	04440	WIRE #8 PTFE INS. W/GLASS SLEE
1	04786	COUPLING FULL .75" BRASS B 16.	2	04789	WIRE SADDLE NYLON LOCKING
1	20775-11	COVER ELEMENT TERMINALS RB REV			
1	20775-7	COVER RIGHT ELEC BOX RB REV3			
1	04229	DECAL SHEET			
1	04813	DINCONNECTOR/CORD FOR RB BOILE			
1	03923	ELBOW .5" TUBE X .375" NPT SB			
2	02686	ELEMENT 240V 9KW 3PH COPPER SH			
-2	20598	FLANGE BLIND 2.5" SQ. 4 BOLT			
1	02655	FUSE 250V 5A UL/CSA			
-2	02281-TOPOC	GASKET 2.5" X .125" TOPOG-E			
1	20862	LABEL MAX. TORQUE 40. LB IN /0			
1	20860	LABEL MAX. TORQUE 7.0 LB IN /0			
1	04301	LABEL NAMEPLATE UL/CSA 3.48 X			
2	03077	LOCKWASHER .25" STEEL HELICAL			
1	20840	MANIFOLD FEED WATER SUBASSY RB			
1	04668	NIPPLE .25" X 1.125" BRASS SCH			
2	03948	NIPPLE .375 X CLOSE BRASS (PAR			
-1	03949	NIPPLE .5 X CLOSE BRASS SCH 40			
1	04777	NIPPLE .75" X 2" BRASS ASTM B4			
1	04787	NUT .25-20 WING ZINC PLATED			
2	01351	NUT .25-20HEX JAM PLATE			
1	05077	PRESSURE CONTROL 13.5# HIGH LI			
1	04162	PRESSURE CONTROL 5# OPERATING			
1	20842	PRESSURE CONTROL MANIFOLD RB R			
1	02451	PRESSURE GAUGE 2.5" 0-30#			
1	20775-9	PUMP BASE MOUNTING BRACKET			
1	20775-8	PUMP BASE SOL VAL. RB REV3			
1	04593	SCREW .25-20 X .75 HEX CAP PLA			
1	04760	SCREW 1/4"-20 X .75" PAN HEAD			
8	01291	SCREW 8-32X.25RNDHD SLT MCH ZI			
10	01246	SCREW 8-32X.375RNDHD MCH PLT SL			
-2	04811	SPRING DISC .328" ID X .687" O			
1	03262	STRAINER .375" Y SB-584 C844			
1	04731	STUD PRESS-IN THREADED .25"-20			