

CRN# _____

NATL.BD# 71493SERIAL# 73470

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NAMEPLATE RATINGS:

PART NUMBER RBH10J3FMODEL RH-10POWER SUPPLY WIRE SIZE 12POWER VOLTS 415CONTROL VOLT 220PHASE 3HZ 50MAX. W.P. 100KILOWATTS 10

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

DATE (M/D/Y) 2 / 19 / 20 14UL FILE # E39545WIRING DIAGRAM # 4391, 101, 113, 129, 131, 14 REV 5

DIELECTRIC VOLTAGE- WITHSTAND

TEST: (IAW U.L. 834)

VOLTS 2150 SAT ☒ UNSAT ☐PERFORMED BY OC DATE 2/19/14

HYDRO TEST OF COMPLETE BOILER

P.S.I.G. 100PERFORMED BY OCDATE 2/19/14

HEATING ELEMENT TEST

VOLTS 415AMPS 7.9TOTAL WATT 10KAmps TESTED ON 240V

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. 1
22. ELEMENT VOLT/KW 240 10
23. NAMEPLATE ☒
24. JURISDICTION = VA
25. FUEL = ELECTRIC

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

SAFETY RELIEF VALVE

OPERATIONAL TEST PERFORMED OCDATE 2/19/14MANUFACTURER CONBRACOModel # 29-202A-100STEAM 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) 35 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	<u>OC</u>	X	<u>2/19/14</u>	REIMERS	04316	04316
PRESSURE CONTROLS						
HIGH LIMIT	<u>OC</u>	90	<u>2/19/14</u>	TECMARK	3155-ED	04296
OPERATING #1	<u>OC</u>	60	<u>2/19/14</u>	TECMARK	3156-EC	04163
OPERATING #2	N/A			TECMARK	3156-EC	04163
TEMPERATURE CONTROLS						
HIGH LIMIT	N/A					
OPERATING CONTROL						

Representing Reimers Electra Steam, INC. (Name) David B. CoflinDATE 2/19/14 Signature D B Coflin

Representing Installer Contractor (Name) _____

DATE _____ Signature _____



0027617

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Work Order Traveler

SCHEDULED START: 02/14/14

0027617

DUE DATE: 02/17/14

ITEM NUMBER: **RBJH10J3F**QUANTITY: **1.00**DESCRIPTION: **BOILER RBH 10KW 415V 3 PH 100#**

UNIT OF MEASUREMENT: EA

REVISION: 003

OPTION CODE:

MAKE FOR: I/M

PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	03944	BUSHING .5 X .375 BRASS (PARKE	1	02475	TRANSFORMER .25KVA B WALL MT48
1	04701	CARTON RB 30W 35L 28.75H SLOT	1	02490	VALVE BALL .5" 200# SWP
1	02530	CONTACTOR 50A 120V 3P UL/CSA	1	03346	VALVE BALL .5" W/LATCH 200 SWP
1	20838	CONTROLLER 04316-EBC-LED	1	02637	VALVE SAFETY .5" 100# SWP 1" O 2/19/14
1	04781	COUPLING .5" BRASS B16.15 125	10	04440	WIRE #8 PTFE INS. W/GLASS SLEE
1	20775-11	COVER ELEMENT TERMINALS RB REV	2	04789	WIRE SADDLE NYLON LOCKING
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			
1	04165	ELEMENT 240V 10KW 3PH B-DIM.=1			
-1	20598	FLANGE BLIND 2.5" SQ. 4 BOLT			
2	04574	FUSE 250V 3 AMP UL/CSA			
-1	02655	FUSE 250V 5A UL/CSA			
-1	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			
1	03948	NIPPLE .375 X CLOSE BRASS (PAR			
1	04784	NIPPLE .375" X 4" BRASS ASTM B			
1	04787	NUT .25-20 WING ZINC PLATED			
2	01351	NUT .25-20HEX JAM PLATE			
1	04163	PRESSURE CONTROL 60# OPERATING DC 2/19/14			
1	04296	PRESSURE CONTROL 90# HI LIMIT DC 2/19/14			
1	20842	PRESSURE CONTROL MANIFOLD RB R			
1	04661	PRESSURE GAUGE 2.0" .25" 0-160			
1	20775-9	PUMP BASE MOUNTING BRACKET			
1	20992	PUMP SUBASSY 03693 120V 1 PH			
1	04593	SCREW .25-20 X .75 HEX CAP PLA			
5	01268	SCREW 5-40 X .25 PANHD MACH PL			
8	01291	SCREW 8-32X.25RNDHD SLT MCH ZI			
6	01246	SCREW 8-32X.375RDHD MCH PLT SL			
1	04700-HT	SKID 30" X 35.5" -HT RB rev3 H			
-1	04700	SKID 30" X 35.5" RB rev3			
1	20845	STEAM SOLENOID VALVE MODULE 2			
1	04731	STUD PRESS-IN THREADED .25"-20			
1	RB30-SUBAS	SUBASSEMBLY RB 10 THRU 30 BOIL			
6	04080	TERMINAL RING FOR # 8 AWG WIR			
1	03818	TICKET HOLDER FOR SHOP CLEAR F			