

CRN#

NATBLD#

SERIAL#

OPERATIONAL TEST/ELECTRIC AND STEAM

MODELRBH30C3F
WIRE DIAG.....
WIRE SIZE...12
HZ.....60
VOLTS.....208
CONTROL VOLT....120
PHASE...3
PRESSURE.....
KILOWATTS...30
CAPACITY 104 PPH/BTU/HR

UL FILE # E39545

DAY/MONTH 8 / 3 2011VOLTS 208 AMPS 95.1 TOTAL WATTS 30KPRESSURE 80 DIFF 5HEATER VOLTS 208KW 30PH 3 HZ 60

Reimers Electra Steam, 4407 Matrinsburg, Pike
Clear Brook, Va. 22624 PH 540-662-3811 FAX: 540-665-8101

APPEARANCE ☒BLOWDOWN MAN ☐ AUTO ☒

CONDENSATE TANK

CONDENSATE & PIPE, ECT

CONTROLS ☒ELEMENT ☒FEED WATER VALVES ☒INSTRUCTION BOOK ☒LEAK INSPECTION ☒PAINT ☒PANEL ☒PIPES ☒PRESSURE CONTROLS ☒SHEET METAL ☒STEAM VALVE ☒STEAM GAUGE ☒STRANIER ☒WARNING TAGS ☒WATER GAUGE FITTINGS ☒WIRE TERMINALS TIGHT ☒WIRING DIA. ☒ELEMENT QTY. 2ELEMENT VOLT/KW 208 15

JURISDICTION = VA.

FUEL =ELECTRIC

STEAM

HOT WATER

MAX. W.P. 100 (NAMEPLATE)
MIN. SAFETY VALVE CAP. 105 PPH

MAX. W.P. _____ PSIG
MAX. TEMP. _____ DEG F
MIN. SAFETY VALVE CAP _____ PPH OR BTU
(3412 X KW)

HYDRO TEST OF COMPLETE BOILER

P.S.I.G. 100 BY OC DATE 3/8/11
LOW WATER CUTOFF _____ HI WATER CUTOFF _____

DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 1200 SAT ☒ UNSAT _____ BY OC DATE 3/8/11 (IAW U.L. 834)

(CORRECTED/RETEST) _____ BY _____ DATE _____ CORRECTIVE ACTION _____

SAFETY VALVE

CAPACITY 423
LB PER HR.

OPERATIONAL
TEST ☒

NAMEPLATE: O.P. 100 KW 30 VOLTS 208 PH 3 HZ 60Representing Reimers Electra Steam, INC. BY(Print) David E. Coffin DATE 3/8/11Signature David E. Coffin

INITIAL & DATE OPERATING CONTROLS, SAFETY CONTROLS, SAFETY VALVE ON REVERSE SIDE UPON COMPLETION OF OPERATIONAL TEST PERFORMANCE
(REF: ASME CSD-1, CG-500)

10f2



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Page: 1

Work Order Traveler

SCHEDULED START: 03/03/11

DUE DATE: 03/07/11

QUANTITY: 2.00

UNIT OF MEASUREMENT: EA

ITEM NUMBER: **RBH30C3F**DESCRIPTION: **BOILER RBH 30KW 208V 3PH 100#**

REVISION: 003

OPTION CODE:

MAKE FOR: I/M

PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
2	20654	BRACKET SOLENOID VALVE	2	03262	STRAINER .375" Y
2	04462	BUSHING .375 X .25 BRASS SB16	2	04731	STUD PRESS-IN THREADED .25"-20
2	04701	CARTON RB 30W 35L 28.75H SLOT	2	RB30-SUBAS	SUBASSEMBLY RB 10 THRU 30 BOIL
4	02530	CONTACTOR 50A 120V 3P UL/CSA	12	04080	TERMINAL RING FOR # 8 AWG WIR
2	20838	CONTROLLER 04316-EBC-LED	2	03818	TICKET HOLDER FOR SHOP CLEAR F
2	03760	COPPER TUBE REF.5"ODX.032WALL	2	03346	VALVE BALL .5" W/LATCH 200 SWP
2	04781	COUPLING .5" BRASS B16.15 125	2	02325	VALVE GLOBE .375"125#SWP H.WHE
2	20775-11	COVER ELEMENT TERMINALS RB REV	2	02637	VALVE SAFETY .5" 100# SWP 1" O
2	20775-7	COVER RIGHT ELEC BOX RB REV3	2	04761	VALVE SOLENOID .375" 120V WATE
2	04229	DECAL SHEET	8	03720	WASHER FOR PUMP RUBBER BUMPERS
2	04813	DINCONNECTOR/CORD FOR RB BOILE	16	04440	WIRE #8 TEFLON INS. W/GLASS SL
2	03923	ELBOW .5" TUBE X .375" NPT			
2	04264	ELBOW CONNECTOR .5" TUBE X .37			
2	04265	ELBOW STREET .375 NPT POLYPROP			
4	04164	ELEMENT 208V 10KW 3PH B-DIM.=1			
4	04277	ELEMENT 208V 15KW 3PH B-DIM=18			
2	02655	FUSE 250V 5A UL/CSA			
2	20862	LABEL MAX. TORQUE 40. LB IN /0			
2	20860	LABEL MAX. TORQUE 7.0 LB IN /0			
2	04301	LABEL NAMEPLATE UL/CSA 3.48 X			
4	03077	LOCKWASHER .25" HEAVY STEEL HE			
4	03561	LOCKWASHER 3/16" EXTERNAL TOOT			
2	20840	MANIFOLD FEED WATER SUBASSY RB			
2	04668	NIPPLE .25" X 1.125" BRASS SCH			
4	03948	NIPPLE .375 X CLOSE BRASS SCH4			
2	04784	NIPPLE .375" X 4" BRASS ASTM B			
2	04787	NUT .25-20 ZINC PLATED			
4	01351	NUT .25-20HEX JAM PLATE			
2	ORF-30	ORIFICE DRILLED #B (.236) FOR			
2	20775-13	POWER CABINET FOR 2-PH RB BOIL			
2	04163	PRESSURE CONTROL 60# OPERATING			
2	04296	PRESSURE CONTROL 90# HI LIMIT			
2	20842	PRESSURE CONTROL MANIFOLD RB R			
2	04661	PRESSURE GAUGE 2.0" .25" 0-160			
2	04178	PUMP 120V 1PH W/CORD POSITIVE			
2	20775-9	PUMP BASE MOUNTING BRACKET			
2	20775-8	PUMP BASE SOL VAL. RB REV3 ASS			
2	04593	SCREW .25-20 X .75 HEX CAP PLA			
2	04760	SCREW 1/4"-20 X .75" PAN HEAD			
4	04447	SCREW 10-24 X .375 RND HEAD SL			
16	01291	SCREW 8-32X.25RNDHD SLT MCH ZI			
20	01246	SCREW 8-32X.375RDHD MCH PLT SL			
8	01579	SCREW 8-32X1RND SLT PLATED STL			

OPT1016

ON