

CRN#

NATBLD#

SERIAL#

60989

62827

MODELRBHC30E3F
WIRE DIAG.....W
WIRE SIZE.....12
HZ.....60
VOLTS.....240
CONTROL VOLT....120.
PHASE.....3
PRESSURE.....80
KILOWATTS...30
CAPACITY 104 PPH/BTU/HR

OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

DAY/MONTH 27 / 4 2005

VOLTS 240 AMPS 33 TOTAL WATTS 30000

PRESSURE 80 DIFF 5

HEATER VOLTS 240

KW 30

PH 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 HEATER 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. 2

ELEMENT VOLT/KW 240V - 30KW

JURISDICTION = VA.

FUEL = ELECTRIC

TEAM

HOT WATER

IAX. W.P. 100 (NAMEPLATE)

IIN. SAFETY VALVE CAP. 104 PPH

MAX. W.P. PSIG

MAX. TEMP. DEG F

MIN. SAFETY VALVE CAP PPH OR BTU
(3412 X KW/1000)

SAFETY VALVE

CAPACITY 423
LB PER HR.OPERATIONAL
TEST ✓

HYDRO TEST OF COMPLETE BOILER

P.S.I.G. 100 BY JED DATE 4/27/05
LOW WATER CUTOFF ✓ HI WATER CUTOFF ✓

DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 1200 SAT ✓ UNSAT BY JED DATE 4/27/05 (IAW U.L. 834)

(CORRECTED/RETEST) BY DATE CORRECTIVE ACTION

NAMEPLATE: O.P. 100 KW 30 VOLTS 240 PH 3 HZ 60

Representing Reimers Electra Steam, INC. BY(Print) Jeff Grubb DATE 4/27/05

Signature Jeff Grubb

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



0006100

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Work Order Traveler

SCHEDULED START: 04/22/05

DUE DATE: 04/25/05

QUANTITY: 1.00

ITEM NUMBER: RBHC30E3F

DESCRIPTION: BOILER RBHC 30KW 240V 3PH 100#

UNIT OF MEASUREMENT: EA

REVISION: 001

OPTION CODE:

MAKE FOR: I/M

PLANNER:

STEP	QTY	PART	DESCRIPTION	STEP	QTY	PART	DESCRIPTION
0010	1	01088	UNION .5" BLACK MALLEABLE IRON	0010	-1	03763	ELBOW .5" TUBE X .5" NPT NO NUT
0010	2	01094	ELBOW .5" X 90 DEG. BLACK MALL	0010	0	03818	TICKET HOLDER FOR SHOP CLEAR F
0010	1	01101	ELBOW 1" X .5" REDUCING BLACK	0010	-1	03890	NIPPLE .5" X 7" BLACK EH
0010	1	01104	TEE .5" BLACK MALLEABLE IRON	0010	1	04025	WIRE #14 TEW STRD 105C 600V WH
0010	1	01127	BUSHING .5" X .375" HEX FORGED	0010	-2	04165	ELEMENT 240V 10KW 3PH B-DIM.=1
0010	1	01160	NIPPLE .25XCLS.BRASS SCH40	0010	6	04182	WIRE PIN #12/10 (PK OF 100)
0010	1	01179	COPPER TUB..375ODX.032WALL AST	0010	6	04183	TERMINAL RING #12-10 WIRE #8 S
0010	1	01180	NIPPLE .75" X CLOSE BLACK EH	0010	2	04190	TERMINAL SLIP-ON PIGGY BACK .2
0010	28	01239	SCREW 10-32 X .375" PAN HEAD M	0010	1	04229	DECAL SHEET
0010	2	01249	NUT 6-32HEX PLATED	0010	2	04253	ELEMENT 240V 15KW 3PH B-DIM=18
0010	4	01347	NUT 12-24 HEX STEEL PLATED	0010	0	04276	TERMINAL STRIP 600V 35 AMP 10-
0010	2	01833	SCREW 6-32X.625RNDH D H.SMITH	0010	18	04278	WIRE #10 TEFLON INS. W/GLASS S
0010	1	02125	FUSE 250V 15A UL/CSA	0010	6	04281	FUSE BLOCK COVER 250V 60A 1P
0010	6	02128	FUSE 250V 50A UL/CSA	0010	1	04301	LABEL NAMEPLATE UL/CSA 3.48 X
0010	2	02142	FUSE BLOCK 250V 60A 3P	0010	0	04308	TAPE ALUMINUM FOIL DUCT 50YD R
0010	1	02176	TERMINAL LUG #8 HOMAC UL/CSA	0010	2	04447	SCREW 10-24 X .375 RND HEAD SL
0010	1	02177	TERMINAL LUG #4 HOMAC UL/CSA	0010	1	20658	BRACKET FUSE (SET OF 2) RB8-30
0010	1	02325	VALVE GLOBE .375" 125#SWP H.WHE	0010	1	20661	COVER PUMP OPENING RB8-30
0010	1	02472	VALVE BALL .25" 200# SWP	0010	1	20662	BAFFLE GAUGE GLASS RB8-30
0010	1	02530	CONTACTOR 50A 120V 3P UL/CSA	0010	1	20664	COVER SOLENOID VALVE OPENING R
0010	1	02616	BLOCK POWER DISTRIBUTION 3-2/0	0010	1	20678	RB30 CONDENSATE TANK SUBASSY
0010	1	02637	VALVE SAFETY .5" 100# SWP 1" O <i>94</i>	0010	1	20705	POWER CABINET SUBASY
0010	-1	02692	VALVE CHECK .5" BALLCONE SPRIN	0010	1	20714	PNL LEFT SIDE RB 8-30
0010	1	02777	NIPPLE .375 X 3 BLACK EXTRA	0010	1	20721	ELECTRONIC BOILER CONTROL (RB)
0010	7	02786	NIPPLE .5" X CLOSE BLACK EH	0010	1	ORF-30	ORIFICE DRILLED #B (.236) FOR
0010	2	02787	NIPPLE .5" X 1.5" BLACK EH	0010	1	RB30-EP120	ELECTRICAL PANEL HP RB-30 SUBA
0010	-1	02791	NIPPLE .5" X 3.5" BLACK EH	0010	1	RB30-SUBAS	SUBASSEMBLY RB 10 THRU 30 BOIL
0010	1	02796	NIPPLE .5" X 6" BLACK EH ASTM				
0010	1	02810	NIPPLE 1" CLOSE BLACK EH ASTM				
0010	1	02986	COUPLING .75" X .5" BLACK MALL				
0010	1	03026	TEE REDUCING.5X.5X.25 BLACK MA				
0010	1	03087	CARTON 30W 30L 30H SLOT 500#				
0010	1	03258	WIRE #14 STRND TEW 600 BLACK				
0010	1	03346	VALVE BALL .5" W/LATCH 200 SWP				
0010	2	03510	TERMINAL SLIP-ON FEM .250X.032				
0010	2	03561	LOCKWASHER 3/16" EXTERNAL TOOT				
0010	1	03716	SKID-5 MODIFIED 30 X 30 INCHES				
0010	1	03747	CONNECTOR.5" TUBEX.25" NPT MALE				

04316

7799

4163

4296

Pressure Gauge 7799
Pressure Control 7799
Pressure Control 7799