

CRN# L5358.5163/18/05
TD

NATBLD#

60999

SERIAL#

62837

MODELRB20M3F
WIRE DIAG.....WRB20M3F
WIRE SIZE.....12
HZ.....60
VOLTS.....600
CONTROL VOLT....120.
PHASE....3
PRESSURE....80
KILOWATTS...20
CAPACITY 69 BPH/BTU/HR

OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

DAY/MONTH 18 / 3 2005VOLTS 600 AMPS 15.3 TOTAL WATTS 20000PRESSURE 80 DIFF 5

Tested @ 480

Reimers Electra Steam, 4407 Matrinsburg, Pike

Clear Brook, Va. 22624 PH 540-662-3811 FAX: 540-665-8101

HEATER VOLTS 600KW 20PH 3 HZ 60APPEARANCE ✓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. 2ELEMENT VOLT/KW 600V - 20KWJURISDICTION = VA. ✓

FUEL =ELECTRIC

TEAM

HOT WATER

MAX. W.P. 100 (NAMEPLATE)
MIN. SAFETY VALVE CAP. 70 PPH
3.5 X KW

MAX. W.P. ✓ PSIG
MAX. TEMP. ✓ DEG F
MIN. SAFETY VALVE CAP ✓ PPH OR BTU
(3412 X KW/1000)

HYDRO TEST OF COMPLETE BOILER

P.S.I.G. 100 BY JS DATE 3/18/05
LOW WATER CUTOFF ✓ HI WATER CUTOFF ✓

DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 1200 SAT ✓ UNSAT ✓ BY JS DATE 3/18/05 (IAW U.L. 834)
2352
(CORRECTED/RETEST) ✓ BY ✓ DATE ✓ CORRECTIVE ACTION ✓

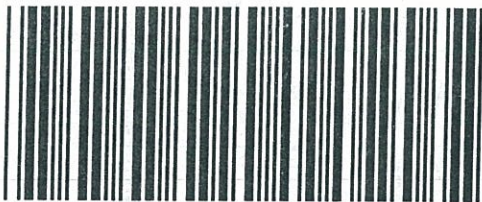
SAFETY VALVE

CAPACITY 423
LB PER HR.

OPERATIONAL
TEST ✓

NAMEPLATE: O.P. 100 KW 20 VOLTS 600 PH 3 HZ 60Representing Reimers Electra Steam, INC. BY(Print) Jeff Connelly DATE 3/18/05Signature Jeff Connelly

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



0005925

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Work Order Traveler

SCHEDULED START: 03/15/05

DUE DATE: 03/16/05

ITEM NUMBER: **RB20M3F**DESCRIPTION: **BOILER RB 20KW 600V 3PH 100# S**

REVISION: 001

OPTION CODE:

QUANTITY: **1.00**

UNIT OF MEASUREMENT: EA

MAKE FOR: I/M

PLANNER:

STEP	QTY	PART	DESCRIPTION	STEP	QTY	PART	DESCRIPTION
0010	1	01104	TEE .5" BLACK MALLEABLE IRON	0010	1	20661	COVER PUMP OPENING RB8-30
0010	1	01127	BUSHING .5" X.375" HEX FORGED	0010	1	20662	BAFFLE GAUGE GLASS RB8-30
0010	1	01179	COPPER TUB..375ODX.032WALL AST	0010	1	20714	PNL LEFT SIDE RB 8-30
0010	1	01180	NIPPLE .75" X CLOSE BLACK EH	0010	1	20721	ELECTRONIC BOILER CONTROL (RB)
0010	16	01239	SCREW 10-32 X .375" PAN HEAD M	0010	1	20733	COVER SOLENOID VALVE ADAPTER
0010	1	02325	VALVE GLOBE .375"125#SWP H.WHE	0010	1	ORF-20	ORIFICE DRILLED #10 (.193) FOR
0010	1	02490	VALVE BALL .5" 200# SWP	0010	1	RB30-EP120	ELECTRICAL PANEL HP RB-30 SUBA
0010	1	02585	VALVE SOLENOID .375 120V WATER	0010	1	RB30-SUBAS	SUBASSEMBLY RB 10 THRU 30 BOIL
0010	1	02637	VALVE SAFETY .5" 100# SWP 1" O				
0010	1	02692	VALVE CHECK .5" BALLCONE SPRIN				
0010	1	02777	NIPPLE .375 X 3 BLACK EXTRA				
0010	3	02786	NIPPLE .5" X CLOSE BLACK EH				
0010	1	02796	NIPPLE .5" X 6" BLACK EH ASTM				
0010	1	02986	COUPLING .75" X .5" BLACK MALL				
0010	1	03087	CARTON 30W 30L 30H SLOT 500#				
0010	1	03262	STRAINER .375" Y				
0010	1	03346	VALVE BALL .5" W/LATCH 200 SWP				
0010	1	03470	FUSE 250V 3A UL/CSA				
0010	1	03716	SKID-5 MODIFIED 30 X 30 INCHES				
0010	1	03747	CONNECTOR.5"TUBEX.25"NPT MALE				
0010	2	03760	COPPER TUBE REF.5"ODX.032WALL				
0010	1	03763	ELBOW .5"TUBE X .5"NPT NO NUT				
0010	0	03818	TICKET HOLDER FOR SHOP CLEAR F				
0010	1	03923	ELBOW .5" TUBE X .375" NPT				
0010	1	03946	ELBOW STREET .375 BRASS				
0010	3	03948	NIPPLE .375 X CLOSE BRASS				
0010	1	03949	NIPPLE .5 X CLOSE BRASS (PARKE				
0010	-2	04165	ELEMENT 240V 10KW 3PH B-DIM.=1				
0010	12	04182	WIRE PIN #12/10 (PK OF 100)				
0010	6	04183	TERMINAL RING #12-10 WIRE #8 S				
0010	1	04229	DECAL SHEET				
0010	2	04231	NUT & SLEEVE .5" BRASSCRAFT				
0010	2	04277	ELEMENT 208V 15KW 3PH B-DIM=18				
0010	8	04278	WIRE #10 TEFLON INS. W/GLASS S				
0010	1	04301	LABEL NAMEPLATE UL/CSA 3.48 X				
0010	0	04308	TAPE ALUMINUM FOIL DUCT 50YD R				
0010	2	04447	SCREW 10-24 X .375 RND HEAD SL				
0010	1	20654	BRACKET SOLENOID VALVE				

04316

Relay JH

02394

Pressure Gauge JH

04163

Pressure Control JH

04296

Pressure Control JH