

CRN# _____

NATBLD# 60993 SERIAL# 62831

MODELRB20K3F
WIRE DIAG.....WRB20K3F
WIRE SIZE.....12
HZ.....60
VOLTS.....480
CONTROL VOLT....120.
PHASE.....3
PRESSURE.....30
KILOWATTS.....20
CAPACITY 69 PPH/BTU/HR

OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

DAY/MONTH 10 / 5 2005
TEST TIME: START _____ STOP _____
VOLTS 480 AMPS 28.5 TOTAL WATTS 20000
PRESSURE 30 DIFF 5 LB.PER HR. _____

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

HEATER VOLTS 480KW 20PH 3 HZ 60

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 480V - 20KW
JURISDICTION = VA.
FUEL =ELECTRIC

STEAM

HOT WATER

MAX. W.P. 100 PSIG
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 Jeff DATE 5/10/05
LOW WATER CUTOFF _____ HI WATER CUTOFF ✓

SAFETY VALVE

CAPACITY 423OPERATIONAL
TEST ✓

DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 1200 SAT ✓ UNSAT _____ BY Jeff DATE 5/10/05 (IAW U.L. 834)

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

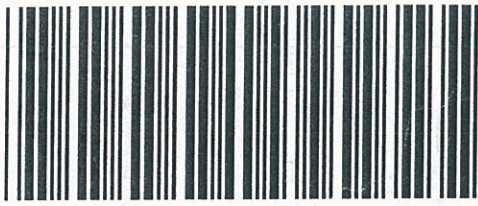
NAMEPLATE: O.P. 100 KW 20 VOLTS 480 PH 3 HZ 60

Representing Reimers Electra Steam, INC. BY(Print) Jeff Gendeb DATE 5/10/05

Signature Jeff Gendeb

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

SEE NOTE



0006147

Page: 1

Work Order Traveler

SCHEDULED START: 05/05/05

DUE DATE: 05/05/05

ITEM NUMBER: **RB20K3F**DESCRIPTION: **BOILER RB 20KW 480V 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	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	3	02786	NIPPLE .5" X CLOSE BLACK EH				
0010	1	02790	NIPPLE .5" X 3" 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	2	04166	ELEMENT 480V 10KW 3P BDIM=18 Y				
0010	6	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	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				
0010	1	20661	COVER PUMP OPENING RB8-30				

4296 Pressure Control pjt
4163 Pressure Control pjt
2299 Pressure Gauge pjt
04316 Relay pjt

NOTE
REPLACE PRESSURE
CONTROL 7/27/05
Bth