

CRN#

NATBLD#

68137

SERIAL#

70056

OPERATIONAL TEST/ELECTRIC AND STEAM

MODELRBH20K3F
WIRE DIAG.....WRB20K3F
WIRE SIZE...12
HZ.....60
VOLTS.....480
CONTROL VOLT....120
PHASE...3
PRESSURE.....80
KILOWATTS...20
CAPACITY _69_ PPH/BTU/HR

UL FILE # E39545

DAY/MONTH 22/12 2010
VOLTS 480 AMPS 12.1 TOTAL WATTS 20K
PRESSURE 80 DIFF 5

HEATER VOLTS 480KW 20PH 3 HZ 60

Amps tested on 240V
Reimers Electra Steam, 4407 Matrisburg, Pike
Clear Brook, Va. 22624 PH 540-662-3811 FAX: 540-665-8101

STEAM

HOT WATER

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

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 OC DATE 12/22/10
LOW WATER CUTOFF _____ HI WATER CUTOFF _____

DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 2350 SAT ☒ UNSAT _____ BY OC DATE 12/22/10 (IAW U.L. 834)

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

SAFETY VALVE

CAPACITY 423
LB PER HR.

OPERATIONAL
TEST ☒

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. 2
ELEMENT VOLT/KW 480/10
JURISDICTION = VA.
FUEL = ELECTRIC

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

Representing Reimers Electra Steam, INC. BY (Print) David E. Coffin DATE 12/22/10

Signature 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)



0018851

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Work Order Traveler

SCHEDULED START: 12/15/10

DUE DATE: 12/16/10

QUANTITY: 1.00

UNIT OF MEASUREMENT: EA

ITEM NUMBER: **RBH20K3F**DESCRIPTION: **BOILER RBH 20KW 480V 3 PH 100#**

REVISION: 003

OPTION CODE:

MAKE FOR: I/M

PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	20654	BRACKET SOLENOID VALVE	1	03262	STRAINER .375" Y
1	04462	BUSHING .375 X .25 BRASS SB16	1	04731	STUD PRESS-IN THREADED .25"-20
1	04701	CARTON RB 30W 35L 28.75H SLOT	1	RB30-SUBAS	SUBASSEMBLY RB 10 THRU 30 BOIL
1	02254	CONNECTOR .375" 2 SCREW NEER	6	04080	TERMINAL RING FOR # 8 AWG WIR
1	02530	CONTACTOR 50A 120V 3P UL/CSA	6	02741	TERMINAL RING 10-12WIRE #10STU
1	20838	CONTROLLER 04316-EBC-LED	1	03818	TICKET HOLDER FOR SHOP CLEAR F
1	03760	COPPER TUBE REF.5"ODX.032WALL	1	03346	VALVE BALL .5" W/LATCH 200 SWP
1	04781	COUPLING .5" BRASS B16.15 125	1	02325	VALVE GLOBE .375"125#SWP H.WHE
1	20775-11	COVER ELEMENT TERMINALS RB REV	1	02637	VALVE SAFETY .5" 100# SWP 1" O <u>12/22/10</u>
1	20775-7	COVER RIGHT ELEC BOX RB REV3	1	04761	VALVE SOLENOID .375" 120V WATE
1	04229	DECAL SHEET	4	03720	WASHER FOR PUMP RUBBER BUMPERS
1	04813	DINCONNECTOR/CORD FOR RB BOILE	10	04278	WIRE #10 TEFLON INS. W/GLASS S
1	03923	ELBOW .5" TUBE X .375" NPT			
1	04264	ELBOW CONNECTOR .5" TUBE X .37			
1	04265	ELBOW STREET .375 NPT POLYPROP			
-2	04164	ELEMENT 208V 10KW 3PH B-DIM.=1			
2	04166	ELEMENT 480V 10KW 3P BDIM=18 Y			
1	02655	FUSE 250V 5A UL/CSA			
1	20862	LABEL MAX. TORQUE 40. LB IN /O			
1	20860	LABEL MAX. TORQUE 7.0 LB IN /O			
1	04301	LABEL NAMEPLATE UL/CSA 3.48 X			
2	03077	LOCKWASHER .25" HEAVY STEEL HE			
2	03561	LOCKWASHER 3/16" EXTERNAL TOOT			
1	20840	MANIFOLD FEED WATER SUBASSY RB			
1	04668	NIPPLE .25" X 1.125" BRASS SCH			
2	03948	NIPPLE .375 X CLOSE BRASS SCH4			
1	04784	NIPPLE .375" X 4" BRASS ASTM B			
1	04787	NUT .25-20 ZINC PLATED			
2	01351	NUT .25-20HEX JAM PLATE			
1	ORF-20	ORIFICE DRILLED #10 (.193) RB			
1	04163	PRESSURE CONTROL 60# OPERATING <u>OC</u> <u>12/22/10</u>			
1	04296	PRESSURE CONTROL 90# HI LIMIT <u>OC</u> <u>12/22/10</u>			
1	20842	PRESSURE CONTROL MANIFOLD RB R			
1	04661	PRESSURE GAUGE 2.0" .25" 0-160			
1	04178	PUMP 120V 1PH W/CORD POSITIVE			
1	20775-9	PUMP BASE MOUNTING BRACKET			
1	20775-8	PUMP BASE SOL VAL. RB REV3 ASS			
1	04593	SCREW .25-20 X .75 HEX CAP PLA			
1	04760	SCREW 1/4"-20 X .75" PAN HEAD			
2	04447	SCREW 10-24 X .375 RND HEAD SL			
8	01291	SCREW 8-32X.25RNDHD SLT MCH ZI			
10	01246	SCREW 8-32X.375RDHD MCH PLT SL			
4	01579	SCREW 8-32X1RND SLT PLATED STL			

OPT1021

OPT1022

OPT1023

OPT1016