

CRN#

NATBLD#

SERIAL#

OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

MODELRBH20K3F
WIRE DIAG.....
WIRE SIZE...12
HZ.....60
VOLTS.....480
CONTROL VOLT....120
PHASE...3
PRESSURE....80
KILOWATTS...20
CAPACITY 69 PPH/BTU/HR

DAY/MONTH 1 / 4 2011VOLTS 480 AMPS 12.3 TOTAL WATTS 20KPRESSURE 80 DIFF 5

Amps TESTED ON 240V
Reimers Electra Steam, 4407 Matrinsburg, Pike

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

HEATER VOLTS 480KW 20PH 3 HZ 60APPEARANCE ✓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 480 / 10

JURISDICTION = VA.

FUEL =ELECTRIC

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)

HYDRO TEST OF COMPLETE BOILER

P.S.I.G. 100 BY OC DATE 4/1/11

LOW WATER CUTOFF _____ HI WATER CUTOFF _____

DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 2350 SAT ✓ UNSAT _____ BY OC DATE 4/1/11 (IAW U.L. 834)

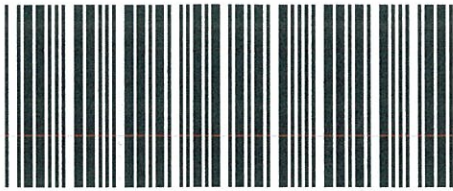
(CORRECTED/RETEST) _____ BY _____ DATE _____ CORRECTIVE ACTION _____

SAFETY VALVE

CAPACITY 423
LB PER HR.OPERATIONAL
TEST ✓NAMEPLATE: O.P. 100 KW 20 VOLTS 480 PH 3 HZ 60Representing Reimers Electra Steam, INC. BY(Print) David E. Coffey DATE 4/1/11Signature David E. Coffey

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

10f3



0019505

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Work Order Traveler

SCHEDULED START: 03/25/11

DUE DATE: 03/31/11

QUANTITY: ~~3.00~~ 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
3	20654	BRACKET SOLENOID VALVE	3	03262	STRAINER .375" Y
3	04462	BUSHING .375 X .25 BRASS SB16	3	04731	STUD PRESS-IN THREADED .25"-20
3	04701	CARTON RB 30W 35L 28.75H SLOT	3	RB30-SUBAS	SUBASSEMBLY RB 10 THRU 30 BOIL
3	02254	CONNECTOR .375" 2 SCREW NEER	18	04080	TERMINAL RING FOR # 8 AWG WIR
3	02530	CONTACTOR 50A 120V 3P UL/CSA	18	02741	TERMINAL RING 10-12WIRE #10STU
3	20838	CONTROLLER 04316-EBC-LED	3	03818	TICKET HOLDER FOR SHOP CLEAR F
3	03760	COPPER TUBE REF.5"ODX.032WALL	3	03346	VALVE BALL .5" W/LATCH 200 SWP
3	04781	COUPLING .5" BRASS B16.15 125	3	02325	VALVE GLOBE .375" 125#SWP H.WHE
3	20775-11	COVER ELEMENT TERMINALS RB REV	3	02637	VALVE SAFETY .5" 100# SWP 1" O <u>OC 4/1/11</u>
3	20775-7	COVER RIGHT ELEC BOX RB REV3	3	04761	VALVE SOLENOID .375" 120V WATE
3	04229	DECAL SHEET	12	03720	WASHER FOR PUMP RUBBER BUMPERS
3	04813	DINCONNECTOR/CORD FOR RB BOILE	30	04278	WIRE #10 TEFLON INS. W/GLASS S
3	03923	ELBOW .5" TUBE X .375" NPT			
3	04264	ELBOW CONNECTOR .5" TUBE X .37			
3	04265	ELBOW STREET .375 NPT POLYPROP			
-6	04164	ELEMENT 208V 10KW 3PH B-DIM.=1			
6	04166	ELEMENT 480V 10KW 3P BDIM=18 Y			
3	02655	FUSE 250V 5A UL/CSA			
3	20862	LABEL MAX. TORQUE 40. LB IN /0			
3	20860	LABEL MAX. TORQUE 7.0 LB IN /0			
3	04301	LABEL NAMEPLATE UL/CSA 3.48 X			
6	03077	LOCKWASHER .25" HEAVY STEEL HE			
6	03561	LOCKWASHER 3/16" EXTERNAL TOOT			
3	20840	MANIFOLD FEED WATER SUBASSY RB			
3	04668	NIPPLE .25" X 1.125" BRASS SCH			
6	03948	NIPPLE .375 X CLOSE BRASS SCH4			
3	04784	NIPPLE .375" X 4" BRASS ASTM B			
3	04787	NUT .25-20 ZINC PLATED			
6	01351	NUT .25-20HEX JAM PLATE			
3	ORF-20	ORIFICE DRILLED #10 (.193) RB			
3	04163	PRESSURE CONTROL 60# OPERATING <u>OC</u> <u>4/1/11</u>			
3	04296	PRESSURE CONTROL 90# HI LIMIT <u>OC</u> <u>4/1/11</u>			
3	20842	PRESSURE CONTROL MANIFOLD RB R			
3	04661	PRESSURE GAUGE 2.0" .25" 0-160			
3	04178	PUMP 120V 1PH W/CORD POSITIVE			
3	20775-9	PUMP BASE MOUNTING BRACKET			
3	20775-8	PUMP BASE SOL VAL. RB REV3 ASS			
3	04593	SCREW .25-20 X .75 HEX CAP PLA			
3	04760	SCREW 1/4"-20 X .75" PAN HEAD			
6	04447	SCREW 10-24 X .375 RND HEAD SL			
24	01291	SCREW 8-32X.25RNDHDD SLT MCH ZI			
30	01246	SCREW 8-32X.375RDHDD MCH PLT SL			
12	01579	SCREW 8-32X1RND SLT PLATED STL			

OPT1016