

CRN# _____ NATBLD# 70487 SERIAL# 72456

OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

MODELRBH30K3F
WIRE DIAG.....
WIRE SIZE...12
HZ.....60
VOLTS.....480
CONTROL VOLT....120
PHASE...3
PRESSURE.....
KILOWATTS...30
CAPACITY 104 PPH/BTU/HR

DAY/MONTH 24 / 1 2013

VOLTS 480 AMPS 36.5 TOTAL WATTS 30,000

PRESSURE 80 DIFF 4

HEATER VOLTS 480

KW 30

PH 3 HZ 60

Reimers Electra Steam, 4407 Matrinsburg, 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. 105 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 DC DATE 1/24/13
LOW WATER CUTOFF ✓ HI WATER CUTOFF ✓

DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 2352 SAT ✓ UNSAT _____ BY B56 DATE 1/24/13 (IAW U.L. 834)

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

SAFETY VALVE

CAPACITY 423
LB PER HR.

OPERATIONAL
TEST ✓

APPEARANCE ✓
BLOWDOWN MAN N/A AUTO ✓
CONDENSATE TANK N/A
CONDENSATE & PIPE, ECT N/A
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 480/15
JURISDICTION = VA.
FUEL =ELECTRIC

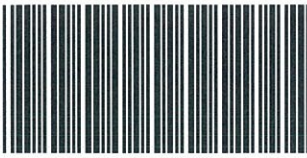
NAMEPLATE: O.P. 100 KW 30 VOLTS 480 PH 3 HZ 60

Representing Reimers Electra Steam, INC. BY(Print) BRAD BUTTS DATE 1/24/13

Signature Brad Butts

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

10f3



0024441

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Work Order Traveler

SCHEDULED START: 12/21/12

0024441

DUE DATE: 12/26/12

ITEM NUMBER: **RBH30K3F**QUANTITY: ~~3.00~~ 1.00DESCRIPTION: **BOILER RBH 30KW 480V 3PH 100#**

UNIT OF MEASUREMENT: EA

REVISION: 003

OPTION CODE:

MAKE FOR: I/M

PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
3	20654	BRACKET SOLENOID VALVE	12	01579	SCREW 8-32X1RND SLT PLATED STL
3	04462	BUSHING .375 X .25 BRASS SB16	3	03262	STRAINER .375" Y SB-584 C844
3	03944	BUSHING .5 X .375 BRASS (PARKE	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	02490	VALVE BALL .5" 200# SWP
3	04781	COUPLING .5" BRASS B16.15 125	3	03346	VALVE BALL .5" W/LATCH 200 SWP
3	20775-11	COVER ELEMENT TERMINALS RB REV	3	02637	VALVE SAFETY .5" 100# SWP 1" O <i>BSD 1/24/13</i>
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 TGGT PTFE INS. W/GLAS
3	03923	ELBOW .5" TUBE X .375" NPT SB	6	04789	WIRE SADDLE NYLON LOCKING
3	04264	ELBOW CONNECTOR .5" TUBE X .37			
3	04265	ELBOW STREET .375 NPT POLYPROP			
-6	04164	ELEMENT 208V 10KW 3PH B-DIM.=1			OPT1016
6	04666	ELEMENT 480V 15KW 3P BDIM 18.5			
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" STEEL HELICAL			
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 (PAR			
3	04784	NIPPLE .375" X 4" BRASS ASTM B			
3	04231	NUT & SLEEVE .5" BRASSCRAFT			
3	04787	NUT .25-20 WING ZINC PLATED			
6	01351	NUT .25-20HEX JAM PLATE			
3	04163	PRESSURE CONTROL 60# OPERATING <i>BSD 1/24/13</i>			
3	04296	PRESSURE CONTROL 90# HI LIMIT <i>BSD 1/24/13</i>			
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			
24	01291	SCREW 8-32X.25RNDHD SLT MCH ZI			
30	01246	SCREW 8-32X.375RDHD MCH PLT SL			