

CHANGED in field to 480V 30kW 2013
70

CRN#

NATBLD#

SERIAL#

69274

MODELRBH 30E3F
WIRE DIAG.....W
WIRE SIZE.....12
HZ.....60
VOLTS.....240 480V
CONTROL VOLT....120.
PHASE.....3
PRESSURE.....80
KILOWATTS...30
CAPACITY 104 PPH/BTU/HR

OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

DAY/MONTH 13 / 4 2010
VOLTS 240 AMPS 70.7 TOTAL WATTS 30kW
PRESSURE 80 DIFF 5

HEATER VOLTS 240

KW 30

PH 3 HZ 60

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

TEAM

HOT WATER

MAX. W.P. 100 (NAMEPLATE)
MIN. SAFETY VALVE CAP. 30 PPH

MAX. W.P. _____ PSIG
MAX. TEMP. _____ DEG F
MIN. SAFETY VALVE CAP _____ PPH OR BTU
(3412 X KW 30)

HYDRO TEST OF COMPLETE BOILER

P.S.I.G. 100 BY OC DATE 4/13/10
LOW WATER CUTOFF _____ HI WATER CUTOFF _____

SAFETY VALVE

CAPACITY 423
LB PER HR.

OPERATIONAL
TEST ✓

DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 1200 SAT ✓ UNSAT _____ BY OC DATE 4/13/10 (IAW U.L. 834)

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

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 240 / 15
JURISDICTION = VA.
FUEL = ELECTRIC

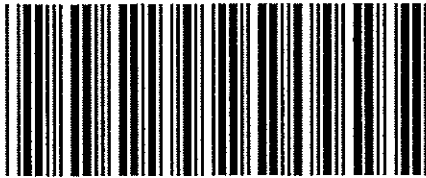
NAMEPLATE: O.P. 100 KW 30 VOLTS 240 PH 3 HZ 60

Representing Reimers Electra Steam, INC. BY (Print) David E. Coffin DATE 4/13/10

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)

20f2



0017020

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Work Order Traveler

SCHEDULED START: 04/05/10

DUE DATE: 04/07/10

QUANTITY: ~~2.00~~ 1.00

UNIT OF MEASUREMENT: EA

ITEM NUMBER: RBH30E3F

DESCRIPTION: BOILER RBH 30KW 240V 3PH 100#

REVISION: 003

OPTION CODE:

MAKE FOR: I/M

PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
2	20654	BRACKET SOLENOID VALVE	8	01579	SCREW 8-32X1RND SLT PLATED STL
2	04462	BUSHING .375 X .25 BRASS SB16	2	03262	STRAINER .375" Y
2	04701	CARTON RB 30W 35L 28.75H SLOT	2	04731	STUD PRESS-IN THREADED .25"-20
2	02254	CONNECTOR .375" 2 SCREW NEER	2	RB30-SUBAS	SUBASSEMBLY RB 10 THRU 30 BOIL.
2	02539	CONTACTOR 75A 120V 3P UL/CSA	12	04080	TERMINAL RING FOR # 8 AWG WIR
2	20838	CONTROLLER 04316-EBC-LED	2	03346	VALVE BALL .5" W/LATCH 200 SWP
2	03760	COPPER TUBE REF.5"ODX.032WALL	2	02325	VALVE GLOBE .375"125#SWP H.WHE
2	04781	COUPLING .5" BRASS B16.15 125	2	02637	VALVE SAFETY .5" 100# SWP 1" O
2	20775-11	COVER ELEMENT TERMINALS RB REV	2	04761	VALVE SOLENOID .375" 120V WATE
2	20775-7	COVER RIGHT ELEC BOX RB REV3	8	03720	WASHER FOR PUMP RUBBER BUMPERS
2	04229	DECAL SHEET	36	04440	WIRE #8 TEFLON INS. W/GLASS SL
2	04813	DINCONNECTOR/CORD FOR RB BOILE			
2	03923	ELBOW .5" TUBE X .375" NPT			
2	04264	ELBOW CONNECTOR .5" TUBE X .37			
2	04265	ELBOW STREET .375 NPT POLYPROP			
4	04164	ELEMENT 208V 10KW 3PH B-DIM.=1			
4	04253	ELEMENT 240V 15KW 3PH B-DIM=18	2x	04666	15/480
2	02655	FUSE 250V 5A UL/CSA			
2	20863	LABEL MAX. TORQUE 50. LB IN /0			
2	20860	LABEL MAX. TORQUE 7.0 LB IN /0			
2	04301	LABEL NAMEPLATE UL/CSA 3.48 X			
4	03077	LOCKWASHER .25" HEAVY STEEL HE			
4	03561	LOCKWASHER 3/16" EXTERNAL TOOT			
2	20840	MANIFOLD FEED WATER SUBASSY RB			
2	04668	NIPPLE .25" X 1.125" BRASS SCH			
2	04635	NIPPLE .375 X 2" BRASS SB43 GR			
4	03948	NIPPLE .375 X CLOSE BRASS SCH4			
2	04784	NIPPLE .375" X 4" BRASS ASTM B			
2	04787	NUT .25-20 ZINC PLATED			
4	01351	NUT .25-20HEX JAM PLATE			
2	ORF-30	ORIFICE DRILLED #B (.236) FOR			
2	04163	PRESSURE CONTROL 60# OPERATING	OC	4/13/10	
2	04296	PRESSURE CONTROL 90# HI LIMIT	OC	4/13/10	
2	20842	PRESSURE CONTROL MANIFOLD RB R			
2	04661	PRESSURE GAUGE 2.0" .25" 0-160			
2	04178	PUMP 120V 1PH W/CORD POSITIVE			
2	20775-9	PUMP BASE MOUNTING BRACKET			
2	20775-8	PUMP BASE SOL VAL. RB REV3 ASS			
2	04593	SCREW .25-20 X .75 HEX CAP PLA			
2	04760	SCREW 1/4"-20 X .75" PAN HEAD			
4	04447	SCREW 10-24 X .375 RND HEAD SL			
16	01291	SCREW 8-32X.25RNDHD SLT MCH ZI			
20	01246	SCREW 8-32X.375RDHD MCH PLT SL			