

CRN#

NATBLD#

SERIAL#

OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

MODELRXH100K3F

DIAG.....

WIRE SIZE.....8

HZ.....60

VOLTS.....480

CONTROL VOLT....120.

PHASE...3

PRESSURE.....

KILOWATTS...100

CAPACITY 348 PPH/BTU/HR

DAY/MONTH 19 / 5 2011VOLTS 480 AMPS 121.6 TOTAL WATTS 100,000PRESSURE 85 DIFF 4HEATER VOLTS 480KW 100PH 3 HZ 60

Reimers Electra Steam, 4407 Matrinsburg, Pike

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

STEAM

HOT WATER

APPEARANCE ✓BLOWDOWN MAN ✓ AUTO N/ACONDENSATE TANK N/ACONDENSATE & PIPE, ECT N/ACONTROLS ✓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. 4ELEMENT VOLT/KW 480/25

JURISDICTION = VA.

FUEL =ELECTRIC

MAX. W.P. 100 (NAMEPLATE)MIN. SAFETY VALVE CAP. 350 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 BSB DATE 5/19/11LOW WATER CUTOFF ✓ HI WATER CUTOFF ✓

SAFETY VALVE

CAPACITY 423
LB PER HR.OPERATIONAL
TEST ✓

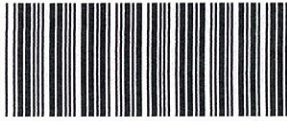
DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 2352 SAT ✓ UNSAT _____ BY BSB DATE 5/19/10 (IAW U.L. 834)

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

NAMEPLATE: O.P. 100 KW 100 VOLTS 480 PH 3 HZ 60Representing Reimers Electra Steam, INC. BY(Print) BRAD BUTTS DATE 5/19/11Signature Brad ButtsINITIAL & DATE OPERATING CONTROLS, SAFETY CONTROLS, SAFETY VALVE ON REVERSE SIDE UPON COMPLETION OF OPERATIONAL TEST PERFORMANCE
(REF: ASME CSD-1, CG-500)

10f2



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Work Order Traveler

SCHEDULED START: 04/27/11
DUE DATE: 05/03/11ITEM NUMBER: **RXH100K3F**
DESCRIPTION: **BOILER RH 100KW 480V 3PH 100#**
REVISION: 001
OPTION CODE:QUANTITY: **2.00 1.00**
UNIT OF MEASUREMENT: EAMAKE FOR: I/M
PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
2	02616	BLOCK POWER DISTRIBUTION 3-2/0	2	20861	LABEL MAX. TORQUE 10. LB IN /0
2	20364-7A	BRACE BOX R100 & 120 NEWSTYLE	2	04301	LABEL NAMEPLATE UL/CSA 3.48 X
6	04167	BUSHING .5" X .125" HEX BLACK	30	01345	LOCKWASHER .3125" SPRING/SPLIT
2	01128	BUSHING .5X.25 HEX BLACK	4	04522	NIPPLE .5 X 1.5" BRASS
2	01124	BUSHING .75" X .5" HEX BLACK M	4	02787	NIPPLE .5" X 1.5" BLACK EH
2	01121	BUSHING 1" X .5" HEX BLACK	8	02788	NIPPLE .5" X 2" BLACK EH
4	04528	CABLE TIE MOUNT	4	02789	NIPPLE .5" X 2.5" BLACK EH
3	02243	CONDUIT 1" FLEXIBLE STEEL U.L.	2	02790	NIPPLE .5" X 3" BLACK EH
4	02244	CONDUIT ALFLEX type SWA 1.25"	2	02796	NIPPLE .5" X 6" BLACK EH
7	02240	CONDUIT ALFLEX type SWA .375"	2	04526	NIPPLE .5" X 6" BRASS SB43 GRO
4	02246	CONDUIT CONNECTOR .375" 90 DEG	2	02786	NIPPLE .5" X CLOSE BLACK EH
8	02250	CONDUIT CONNECTOR 1.25" 90 DEG	2	02807	NIPPLE .75" X 9" BLACK EH
2	02747	CONDUIT CONNECTOR 90 DEG.375"4	4	01180	NIPPLE .75" X CLOSE BLACK EH
8	02956	CONDUIT SLEEVE 1.25" T&B UL/CS	2	02806	NIPPLE .75"X6" BLACK EH
2	03445	CONTACTOR 35A 120V 2P UL/CSA	2	02803	NIPPLE .75X4.5 BLACK EXHEAVY
8	02530	CONTACTOR 50A 120V 3P UL/CSA	2	02817	NIPPLE 1.25 X CLOSE BLACK EXHV
2	20838	CONTROLLER 04316-EBC-LED	2	02820	NIPPLE 1.25X4 BLACK EH
2	03021	COUPLING FULL .5" NPT 3000#	42	01221	NUT .3125-18 HEX MACH. SCREW Z
2	02234	CRATE 37"W X 76"L X 40"H DOMES	32	01168	NUT .625"-11 HEAVY HEX STEEL
2	02988	CROSS .5" BLACK MALLEABLE IRON	8	01147	PIPE PLUG .5" SQUARE HEAD FRGD
2	04525	CROSS .5" BRASS B62 CR36	2	04776	PIPE PLUG .75" NPT COUNTERSUNK
2	04229	DECAL SHEET	4	04163	PRESSURE CONTROL 60# OPERATING
2	01162	ELBOW .25" BRASS FEMALE	2	04296	PRESSURE CONTROL 90# HI LIMIT
6	01094	ELBOW .5" X 90 DEG. BLACK MALL	2	20763	PRESSURE CONTROL MANIFOLD R-24
6	01133	ELBOW .5X90 DEG. STREET BLACK	2	02329	PRESSURE GAUGE 2.5" 160#MT23
2	01095	ELBOW .75" X 90 DEG. BLACK	2	20062A	PROBE COVER R36-120
2	01097	ELBOW 1.25" X 90 DEG. BLACK	2	20767	PUMP ASSEMBLY RH 24-120
4	02997	ELBOW STREET .25" 90 DEG.	2	20343-4	PUMP PLATE RH 24-120 5 X8
2	20292-14B	ELECTRIC BOX SUPPORT 46.5" X 1	8	01246	SCREW 8-32X.375RDHD MCH PLT SL
2	20084B	ELECTRICAL ENCLOSURE 26" X 30"	2	R-120A	SHELL R100-120 (COMPLETE NEW)
2	20757	ELECTRICAL PNL ASSY R36-120 LE	4	04529	STANDOFF HEX 1.5" X .375" FOR
8	02605	ELEMENT 480V 25KW 3P SS SHEATH	8	04213	SWITCH ILLUMINATED RED W/WHITE
8	02022	FLANGE GASKET 2" RING	2	20084B	SWITCH PANEL FOR ELECTRICAL EN
2	02125	FUSE 250V 15A UL/CSA	4	04400	SYPHON TUBE .25" BRASS SB43 GR
2	02655	FUSE 250V 5A UL/CSA	0	04308	TAPE ALUMINUM FOIL DUCT 60YD R
24	02135	FUSE 600V 40A UL/CSA	10	01104	TEE .5" BLACK MALLEABLE IRON
8	02614	FUSE BLOCK 600V 60A 3P UL/CSA	2	04523	TEE .5" BRASS SB62 CR36
2	02420	GAUGE GLASS 5.875"X.625" PYREX	4	01103	TEE .75" BLACK MALLEABLE IRON
2	MBJ-9	GAUGE GLASS SAFETY ROD R-MODEL	2	04564	TEE REDUCING BRASS .5" X .5" X
2	02522	GAUGE PROTECTOR 6" U-SHAPE	24	02176	TERMINAL LUG #8 HOMAC UL/CSA
2	04692	GROUND STRAP #4 BRAIDED	1	04276	TERMINAL STRIP 600V 35 AMP 10-
59	02030	INSULATION 2" X 48" X 100' FIB	2	03818	TICKET HOLDER FOR SHOP CLEAR F
4	02951	KNOCKOUT SEAL .5"	2	01088	UNION .5" BLACK MALLEABLE IRON



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QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
2	03802	VALVE BALL .75" W/LATCH 200# S			
2	03254	VALVE GAUGE TEST .25"			
2	02712	VALVE GLOBE 1.25"125#SWP			
2	02637	VALVE SAFETY .5" 100# SWP 1" O			
2	02396	WATER GAUGE SET STANDARD SHANK			
20	04439	WIRE #18 TGGT 600V 250C UL/CSA			
2	02209SS	WRAPPER END 20" 20103REV.B 16G			
2	20843	WRAPPER END 20" W/2" HOLE			
2	20062A	WRAPPER R100-120 (NEW)			