

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 19.2 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

APPEARANCE ✓BLOWDOWN MAN ✓ AUTO N/ACONDENSATE TANK N/ACONDENSATE & PIPE, ECT N/ACONTROLS ✓ELEMENT ✓FEED WATER VALVES N/AINSTRUCTION BOOK ✓LEAK INSPECTION N/APAINT ✓PANEL ✓PIPES ✓PRESSURE CONTROLS N/ASHEET METAL ✓STEAM VALVE N/ASTEAM GAUGE N/ASTRANIER N/AWARNING TAGS ✓WATER GAUGE FITTINGS N/AWIRE TERMINALS TIGHT ✓WIRING DIA. ✓ELEMENT QTY. 4ELEMENT VOLT/KW 460/25

JURISDICTION = VA.

FUEL = ELECTRIC

STEAM

HOT WATER

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 DL DATE 5/19/11
LOW 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 5/19/11 (IAW U.L. 834)

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

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

Representing Reimers Electra Steam, INC. BY(Print) BRAD BUTTS DATE 5/19/11

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)

20f2



ITEM NUMBER: RXH100K3F
DESCRIPTION: BOILER RH 100KW 480V 3PH 100#
REVISION: 001
OPTION CODE:

Work Order Traveler

SCHEDULED START: 04/27/11

DUE DATE: 05/03/11

QUANTITY: 200 1.00

UNIT OF MEASUREMENT: EA



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QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
2	02616	BLACK POWER DISTRIBUTION 3-20	2	20861	LABEL MAX. TORQUE 10 LB IN/0
2	30364-7A	BRACE BOX R100 120 NEWSTYLE	2	4301	LOCKWASHER 3.125" SPRING/SPLIT
6	01617	BUSHING 5" X 1.25" HEX BLACK	30	01345	LABEL NAMEPLATE UL/CSA 3.48 X
2	01128	BUSHING 5X.25 HEX BLACK	4	04523	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 UL	2	02790	NIPPLE 5" X 3" BLACK EH
4	02344	CONDUIT ALFLEX type SWA 1.25"	2	02796	NIPPLE 5" X 6" BLACK EH
7	02340	CONDUIT ALFLEX type SWA 3.75"	2	04526	NIPPLE 5" X 6" BRASS SB43 GRO
4	02346	CONDUIT CONNECTOR .375" 90 DEG	2	02786	NIPPLE 5" X CLOSE BLACK EH
8	02350	CONDUIT CONNECTOR 1.25" 90 DEG	2	02807	NIPPLE .75" X 9" BLACK EH
8	02374	CONDUIT CONNECTOR 90 DEG 3.75"	4	01180	NIPPLE .75" X CLOSE BLACK EH
2	02956	CONDUIT SLEEVE 1.25" T&B ULCS	2	02806	NIPPLE .75" X6" BLACK EH
8	03445	CONTRACTOR 35A 120V 3P UL/CSA	2	02809	NIPPLE .75X5.5 BLACK EXHEAVY
8	03530	CONTRACTOR 50A 120V 3P UL/CSA	2	02817	NIPPLE 1.25 X CLOSE BLACK EXHV
2	20838	CONTROLLER 04316-EB-LED	2	02820	NIPPLE 1.25X4 BLACK EH
2	03021	COUPLING FULL .5" NPT 3000#	42	01221	NUT .3125-18 HEX MACH. SCREW 2
2	02344	CRATE 37" W X 76" L X 40" H DOMES	32	01681	NUT .625"-11 HEAVY HEX STEEL
2	02888	CROSS 5" BLACK MALLEABLE IRON	8	01147	PIPE PLUG 5" SQUARE HEAD FICHD
2	04525	CROSS 5" BRASS B&2 C336	2	04776	PIPE PLUG .75" NPT COUNTERTUNK
2	04229	DECAL SHEET	4	04163	PRESSURE CONTROL 60# OPERATING
2	01162	ELBOW .25" BRASS FEMALE	2	04396	PRESSURE CONTROL 90# HI LIMIT
6	01094	ELBOW 5" X 90 DEG. BLACK MALL	2	20763	PRESSURE CONTROL MAINFOLD R-24
6	01133	ELBOW 5X90 DEG. STREET BLACK	2	02329	PRESSURE GAUGE 2.5" 160#MT33
2	01095	ELBOW .75" X 90 DEG. BLACK	2	20662A	PROBE COVER R36-120
2	01097	ELBOW 1.25" X 90 DEG. BLACK	2	20767	PUMP ASSEMBLY RH 24-120
4	02997	ELBOW STREET 1.25" 90 DEG.	2	20343	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 36" 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 5S SHEATH	8	04213	SWITCH ILLUMINATED RED W/WHITE
8	02022	FLANGE GASKET 2" RING	2	20084B	SYNCHON TUBE .25" BRASS SB43 GR
2	02125	FUSE 250V 15A UL/CSA	4	04400	TAPE ALUMINUM FOL. 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 SB&2 C336
2	02420	GAUGE GLASS 5.875" X .625" PYREX	4	01103	TEE .75" BLACK MALLEABLE IRON
2	MJ1-9	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

5/19/11
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QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
2	03802	VALVE BALL .75" W/LATCH 200# S	2	20062A	WRAPPER R100-120 (NEW)
2	03254	VALVE GAUGE TEST .25"	2	02205S	WRAPPER END 20" 20103REV B 16G
2	02712	VALVE GLOBE 1.25" 125#SWP	2	04439	WIRE #18 TIGHT 600V 250C UL/CSA
2	02637	VALVE SAFETY 5" 100# SWP 1" O	2	02396	WATER GAUGE SET STANDARD SHANK
2	02637	VALVE SAFETY 5" 100# SWP 1" O	2	02095S	WRAPPER END 20" W/2" HOLE
2	02637	VALVE SAFETY 5" 100# SWP 1" O	2	20843	WRAPPER END 20" W/2" HOLE
2	02637	VALVE SAFETY 5" 100# SWP 1" O	2	20843	WRAPPER END 20" W/2" HOLE