

CRN# _____

NATBLD# 68215 SERIAL# 70136

MODELRXH100C3F
WIRE DIAG.....W
WIRE SIZE.....6
HZ.....60
VOLTS.....208
CONTROL VOLT....120.
PHASE.....3
PRESSURE.....
KILOWATTS...90
CAPACITY 313 BPH/BTU/HR

OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

DAY/MONTH 9 / 5 20 11
VOLTS 208 AMPS 277 TOTAL WATTS 100,000
PRESSURE 80 DIFF 5

HEATER VOLTS 208KW 100PH 3 HZ 60

TEST 240 V 290 A
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 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. 4ELEMENT VOLT/KW 25/208

JURISDICTION = VA.

FUEL = ELECTRIC

TEAM

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 OC DATE 5/9/11
LOW WATER CUTOFF ✓ HI WATER CUTOFF ✓

SAFETY VALVE

CAPACITY 423
LB PER HR.

OPERATIONAL
TEST ✓

DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 1200 SAT ✓ UNSAT _____ BY BSS DATE 5/9/11 (IAW U.L. 834)

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

NAMEPLATE: O.P. 100 KW 100 VOLTS 208 PH 3 HZ 60

Representing Reimers Electra Steam, INC. BY(Print) BRAD BUTTS DATE 5/9/11

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)



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Work Order Traveler

SCHEDULED START: 04/14/11
DUE DATE: 04/19/11ITEM NUMBER: **RXH100C3F**
DESCRIPTION: **BOILER RH 100KW 208V 3PH 100#**
REVISION: 001
OPTION CODE:QUANTITY: **1.00**
UNIT OF MEASUREMENT: EAMAKE FOR: I/M
PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	02618	BLOCK POWER DISTRIBUTION 3/500	2	02951	KNOCKOUT SEAL .5"
1	20364-7A	BRACE BOX R100 & 120 NEWSTYLE	1	20861	LABEL MAX. TORQUE 10. LB IN /O
1	04167	BUSHING .5" X .125" HEX BLACK	1	04301	LABEL NAMEPLATE UL/CSA 3.48 X
1	01128	BUSHING .5X.25 HEX BLACK	15	01345	LOCKWASHER .3125" SPRING/SPLIT
1	01124	BUSHING .75" X .5" HEX BLACK M	2	04522	NIPPLE .5 X 1.5" BRASS
1	01121	BUSHING 1" X .5" HEX BLACK	2	02787	NIPPLE .5" X 1.5" BLACK EH
2	04528	CABLE TIE MOUNT	4	02788	NIPPLE .5" X 2" BLACK EH
4	02240	CONDUIT ALFLEX type SWA .375"	2	02789	NIPPLE .5" X 2.5" BLACK EH
5	02245	CONDUIT ALFLEX type SWA 1.5" U	1	02790	NIPPLE .5" X 3" BLACK EH
2	02246	CONDUIT CONNECTOR .375" 90 DEG	1	02796	NIPPLE .5" X 6" BLACK EH
1	02252	CONDUIT CONNECTOR .375" STR	1	04526	NIPPLE .5" X 6" BRASS SB43 GRO
2	02247	CONDUIT CONNECTOR .5" X 90 DEG	1	02786	NIPPLE .5" X CLOSE BLACK EH
4	02251	CONDUIT CONNECTOR 1.5" X 90 DE	1	02807	NIPPLE .75" X 9" BLACK EH
1	02747	CONDUIT CONNECTOR 90 DEG.375" d	2	01180	NIPPLE .75" X CLOSE BLACK EH
4	02956	CONDUIT SLEEVE 1.25" T&B UL/CS	1	02806	NIPPLE .75"X6" BLACK EH
1	03445	CONTACTOR 35A 120V 2P UL/CSA	1	02803	NIPPLE .75X4.5 BLACK EXHEAVY
4	02539	CONTACTOR 75A 120V 3P UL/CSA	1	02817	NIPPLE 1.25 X CLOSE BLACK EXHV
1	20838	CONTROLLER 04316-EB-C-LED	1	02820	NIPPLE 1.25X4 BLACK EH
1	03021	COUPLING FULL .5" NPT 3000#	21	01221	NUT .3125-18 HEX MACH. SCREW Z
1	02234	CRATE 37"W X 76"L X 40"H DOMES	16	01168	NUT .625"-11 HEAVY HEX STEEL
1	02988	CROSS .5" BLACK MALLEABLE IRON	4	01147	PIPE PLUG .5" SQUARE HEAD FRGD
1	04525	CROSS .5" BRASS B62 CR36	1	04776	PIPE PLUG .75" NPT COUNTERSUNK
1	04229	DECAL SHEET	1	04163	PRESSURE CONTROL 60# OPERATING
1	01162	ELBOW .25" BRASS FEMALE	1	04296	PRESSURE CONTROL 90# HI LIMIT
3	01094	ELBOW .5" X 90 DEG. BLACK MALL	1	20763	PRESSURE CONTROL MANIFOLD R-24
3	01133	ELBOW .5X90 DEG. STREET BLACK	1	02329	PRESSURE GAUGE 2.5" 160#MT23
1	01095	ELBOW .75" X 90 DEG. BLACK	1	20062A	PROBE COVER R36-120
1	01097	ELBOW 1.25" X 90 DEG. BLACK	1	02499	PROPORTIONAL CONTROL 5-150# HW
2	02997	ELBOW STREET .25" 90 DEG.	1	20767	PUMP ASSEMBLY RH 24-120
1	20292-14B	ELECTRIC BOX SUPPORT 46.5" X 1	1	20343-4	PUMP PLATE RH 24-120 5 XR
1	20084B	ELECTRICAL ENCLOSURE 26" X 30"	4	01246	SCREW 8-32X.375RDHD MCH PLT SL
1	20757	ELECTRICAL PNL ASSY R36-120 LE	1	R-120A	SHELL R100-120 (COMPLETE NEW)
4	02608	ELEMENT 240V 30KW 3P SS SHEATH	2	04529	STANDOFF HEX 1.5" X .375" FOR
4	02022	FLANGE GASKET 2" RING	1	20802	STEP CONTROL 4 STEP
1	02125	FUSE 250V 15A UL/CSA	4	04213	SWITCH ILLUMINATED RED W/WHITE
1	02655	FUSE 250V 5A UL/CSA	1	20084B	SWITCH PANEL FOR ELECTRICAL EN
12	02129	FUSE 250V 80A UL/CSA	2	04400	SYPHON TUBE .25" BRASS SB43 GR
4	02144	FUSE BLOCK 250V 100A 3P UL/CSA	0	04308	TAPE ALUMINUM FOIL DUCT 60YD R
1	02420	GAUGE GLASS 5.875"X.625" PYREX	5	01104	TEE .5" BLACK MALLEABLE IRON
1	MBJ-9	GAUGE GLASS SAFETY ROD R-MODEL	1	04523	TEE .5" BRASS SB62 CR36
1	02522	GAUGE PROTECTOR 6" U-SHAPE	2	01103	TEE .75" BLACK MALLEABLE IRON
1	04692	GROUND STRAP #4 BRAIDED	1	04564	TEE REDUCING BRASS .5" X .5" X
30	02030	INSULATION 2" X 48" X 100' FIB	12	02176	TERMINAL LUG #8 HOMAC UL/CSA



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PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
0	04276	TERMINAL STRIP 600V 35 AMP 10-			
1	03818	TICKET HOLDER FOR SHOP CLEAR F			
1	01088	UNION .5" BLACK MALLEABLE IRON			
1	02490	VALVE BALL .5" 200# SWP			
1	03802	VALVE BALL .75" W/LATCH 200# S			
1	03254	VALVE GAUGE TEST .25"			
1	02712	VALVE GLOBE 1.25"125#SWP			
1	02637	VALVE SAFETY .5" 100# SWP 1" O			
1	02396	WATER GAUGE SET STANDARD SHANK			
10	04439	WIRE #18 TGGT 600V 250C UL/CSA			
1	02209SS	WRAPPER END 20" 20103REV.B 16G			
1	20843	WRAPPER END 20" W/2" HOLE			
1	20062A	WRAPPER R100-120 (NEW)			