

CRN#

NATBLD#

SERIAL#

OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

MODELRX120G3F
WIRE DIAG.....
WIRE SIZE.....10
IZ.....60
VOLTS.....380
CONTROL VOLT....220.
PHASE....3
PRESSURE.....
KILOWATTS...120
CAPACITY 417 PPH/BTU/HR

DAY/MONTH 31 / 3 20 11
VOLTS 380 AMPS 182 TOTAL WATTS 120,000
PRESSURE 40 DIFF 4

TEST 240 V 99.2A TESTED AS 100KW 380V
Reimers Electra Steam, 4407 Matrinsburg, Pike
Clear Brook, Va. 22624 PH 540-662-3811 FAX: 540-665-8101

HEATER VOLTS 380KW 120PH 3 HZ 50APPEARANCE ✓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 380/30

JURISDICTION = VA.

FUEL =ELECTRIC

STEAM

HOT WATER

AX. W.P. 100 (NAMEPLATE)
IN. SAFETY VALVE CAP. 420 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 3/31/11
LOW WATER CUTOFF ✓ HI/WATER CUTOFF ✓

SAFETY VALVE

CAPACITY 423
LB PER HR.

OPERATIONAL
TEST ✓

DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 2112 SAT ✓ UNSAT _____ BY BSB DATE 3/31/11 (IAW U.L. 834)

CORRECTED (TEST) _____ BY _____ DATE _____ CORRECTIVE ACTION _____

NAMEPLATE: G.P. 100 KW 120 VOLTS 380 PH 3 HZ 50

Representing Reimers Electra Steam, INC. BY(Print) BRAD BUTTS DATE 3/31/11

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)

10f2



0019442

Page: 1

Work Order Traveler

SCHEDULED START: 03/22/11
DUE DATE: 03/24/11ITEM NUMBER: **RX120G3F**
DESCRIPTION: **BOILER R 120KW 380V 3PH 100#SA**
REVISION: 000
OPTION CODE:QUANTITY: ~~2.00~~ 1.00
UNIT OF MEASUREMENT: EAMAKE FOR: I/M
PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
2	02618	BLOCK POWER DISTRIBUTION 3/500	4	02951	KNOCKOUT SEAL .5"
2	20364-7A	BRACE BOX R100 & 120 NEWSTYLE	2	20861	LABEL MAX. TORQUE 10. LB IN /O
2	20350-14	BRACE SOLENOID R MODEL 24-80 /	2	04301	LABEL NAMEPLATE UL/CSA 3.48 X
2	01128	BUSHING .5X.25 HEX BLACK	30	01345	LOCKWASHER .3125" SPRING/SPLIT
2	01124	BUSHING .75" X .5" HEX BLACK M	6	02789	NIPPLE .5" X 2.5" BLACK EH
2	01121	BUSHING 1" X .5" HEX BLACK	2	02791	NIPPLE .5" X 3.5" BLACK EH
3	02243	CONDUIT 1" FLEXIBLE STEEL U.L.	2	02796	NIPPLE .5" X 6" BLACK EH
4	02244	CONDUIT ALFLEX type SWA 1.25"	12	02786	NIPPLE .5" X CLOSE BLACK EH
4	02240	CONDUIT ALFLEX type SWA .375"	2	02807	NIPPLE .75" X 9" BLACK EH
2	02246	CONDUIT CONNECTOR .375" 90 DEG	4	01180	NIPPLE .75" X CLOSE BLACK EH
2	02252	CONDUIT CONNECTOR .375" STR. UL	2	02806	NIPPLE .75"X6" BLACK EH
8	02250	CONDUIT CONNECTOR 1.25" 90 DEG	2	02803	NIPPLE .75X4.5 BLACK EXHEAVY
4	02266	CONDUIT SLEEVE .375" REDEYE	2	02817	NIPPLE 1.25 X CLOSE BLACK EXHV
8	02956	CONDUIT SLEEVE 1.25" T&B UL/CS	2	02820	NIPPLE 1.25X4 BLACK EH
2	03445	CONTACTOR 35A 120V 2P UL/CSA	42	01221	NUT .3125-18 HEX MACH. SCREW Z
8	02531	CONTACTOR 50A 240V 3P UL/CSA	32	01168	NUT .625"-11 HEAVY HEX STEEL
2	03021	COUPLING FULL .5" NPT 3000#	8	01147	PIPE PLUG .5" SQUARE HEAD FRGD
2	02234	CRATE 37"W X 76"L X 40"H DOMES	2	04776	PIPE PLUG .75" NPT COUNTERSUNK
2	02988	CROSS .5" BLACK MALLEABLE IRON	4	04163	PRESSURE CONTROL 60# OPERATING
2	04229	DECAL SHEET	2	04296	PRESSURE CONTROL 90# HI LIMIT
6	01094	ELBOW .5" X 90 DEG. BLACK MALL	2	20763	PRESSURE CONTROL MANIFOLD R-24
8	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	8	01246	SCREW 8-32X.375RDHD MCH PLT SL
4	02997	ELBOW STREET .25" 90 DEG.	2	R-120A	SHELL R100-120 (COMPLETE NEW)
2	20292-14B	ELECTRIC BOX SUPPORT 46.5" X 1	4	04529	STANDOFF HEX 1.5" X .375" FOR
2	20084B	ELECTRICAL ENCLOSURE 26" X 30"	2	03325	STRAINER .5" Y SB-62 UNS
2	20757	ELECTRICAL PNL ASSY R36-120 LE	2	03551	SWITCH MANUAL RESET NC MO 14"L
2	20766	ELECTRONIC BOILER CONTROL 240V	2	20084B-8	SWITCH PANEL FOR ELECTRICAL EN
8	03267	ELEMENT 380V 30KW 3P SS SHEATH	0	04308	TAPE ALUMINUM FOIL DUCT 60YD R
8	02022	FLANGE GASKET 2" RING	10	01104	TEE .5" BLACK MALLEABLE IRON
2	04574	FUSE 250V 3 AMP UL/CSA	4	01103	TEE .75" BLACK MALLEABLE IRON
2	03470	FUSE 250V 3A UL/CSA	24	02176	TERMINAL LUG #8 HOMAC UL/CSA
2	02655	FUSE 250V 5A UL/CSA	1	04276	TERMINAL STRIP 600V 35 AMP 10-
2	04576	FUSE 250V 6 AMP FEN-R-6 UL/CSA	2	03818	TICKET HOLDER FOR SHOP CLEAR F
24	02136	FUSE 600V 60A UL/CSA	2	02466	TRANSFORMER .5KVA 480/240V X 1
2	02150	FUSE BLOCK 250V 30A 2P UL/CSA	2	20738	TRANSFORMER BRACKET R24-120
8	02614	FUSE BLOCK 600V 60A 3P UL/CSA	2	01088	UNION .5" BLACK MALLEABLE IRON
2	02420	GAUGE GLASS 5.875"X.625" PYREX	2	02490	VALVE BALL .5" 200# SWP
2	MBJ-9	GAUGE GLASS SAFETY ROD R-MODEL	2	03802	VALVE BALL .75" W/LATCH 200# S
2	02522	GAUGE PROTECTOR 6" U-SHAPE	2	02462	VALVE CHECK .5" 125# SWP SWING
2	04692	GROUND STRAP #4 BRAIDED	2	02692	VALVE CHECK .5" BALL/CONE SPRIN
59	02030	INSULATION 2" X 48" X 100' FIB	2	03254	VALVE GAUGE TEST .25"



0019442

Page: 2

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UNIT OF MEASUREMENT: EAMAKE FOR: I/M
PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
2	02712	VALVE GLOBE 1.25"125#SWP			
2	02637	VALVE SAFETY .5" 100# SWP 1" O			
2	02300	VALVE SOLENOID .5" 240V M WATE			
2	02396	WATER GAUGE SET STANDARD SHANK			
15	03258	WIRE #14 STRND TEW 600 BLACK			
5	04025	WIRE #14 TEW STRD 105C 600V WH			
20	04439	WIRE #18 TGGT 600V 250C UL/CSA			
8	02744	WIRE NUT IDEAL UL/CSA			
2	02209SS	WRAPPER END 20" 20103REV.B 16G			
2	20843	WRAPPER END 20" W/2" HOLE			
2	20062A	WRAPPER R100-120 (NEW)			