

Change to RX100E3A mliu 5/25/11

CRN#

NATBLD#

68220

SERIAL#

70141

OPERATIONAL TEST/ELECTRIC AND STEAM

MODELRX100E3A
DIAG.....
WIRE SIZE...8
HZ.....60
VOLTS.....240
CONTROL VOLT....120
PHASE...3
PRESSURE.....
KILOWATTS...90
CAPACITY 313 PPH/BTU/HR

UL FILE # E39545

DAY/MONTH 2 / 6 2011

VOLTS 240 AMPS 232.4 TOTAL WATTS 100,000

PRESSURE 10 DIFF .5

HEATER VOLTS 240

KW 100

Reimers Electra Steam, 4407 Matrinsburg, Pike

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

PH 3 HZ 60

STEAM

HOT WATER

APPEARANCE ☒

BLOWDOWN MAN ☒ AUTO N/A

CONDENSATE TANK N/A

CONDENSATE & PIPE, ECT N/A

CONTROLS ☒

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. 4

ELEMENT VOLT/KW 240/25

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. 15 BY OC DATE 6/1/11

LOW WATER CUTOFF ☒ HI WATER CUTOFF ☒

SAFETY VALVE

CAPACITY 484
LB PER HR.

OPERATIONAL
TEST ☒

DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 1200 SAT ☒ UNSAT _____ BY BSB DATE 6/2/11 (IAW U.L. 834)

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

NAMEPLATE: O.P. 15 KW 100 VOLTS 240 PH 3 HZ 60

Representing Reimers Electra Steam, INC. BY(Print) BRAD BUTTS DATE 6/2/11

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)

SINGLE-LEVEL BILL OF MATERIALS REPORT

WITHOUT PHANTOM BLOW THROUGH

BILL	REVISION	TYPE	U/M	DESCRIPTION							
RX100E3A	001 (CURRENT)	STANDARD	EACH	BOILER R 100KW 240V 3PH 15# S AFETY							
LAST USED: 05/19/11		YIELD%: 100.000%	ROUTING: RX100E3A	MAX LOT SIZE: 0							
COMPONENT	REV	TYP	QTY/BILL	U/M	SCRAP %	DESCRIPTION	ADD DATE	ECN	DEL DATE	ECN	FIND/STEP
01088			3.00	EA	0.000%	UNION .5" BLACK MALLEABLE IRON					
01094			3.00	EA	0.000%	ELBOW .5" X 90 DEG. BLACK MALL					
01095			1.00	EA	0.000%	ELBOW .75" X 90 DEG. BLACK					
01097			1.00	EA	0.000%	ELBOW 1.25" X 90 DEG. BLACK					
01121			1.00	EA	0.000%	BUSHING 1" X .5" HEX BLACK					
01124			1.00	EA	0.000%	BUSHING .75" X .5" HEX BLACK M					
01128			1.00	EA	0.000%	BUSHING .5X.25 HEX BLACK					
01147			4.00	EA	0.000%	PIPE PLUG .5" SQUARE HEAD FRGO					
01168			16.00	EA	0.000%	NUT .325"-11 HEAVY HEX STEEL					
01180			2.00	EA	0.000%	NIPPLE .75" X CLOSE BLACK EH					
02022			4.00	EA	0.000%	FLANGE GASKET 2" RING					
02030			29.56	FT	0.000%	INSULATION 2" X 48" X 100' FIB					
02125			1.00	EA	0.000%	FUSE 250V 15A UL/CSA					
02130			12.00	EA	0.000%	FUSE 250V 100A UL/CSA					
02144			4.00	EA	0.000%	FUSE BLOCK 250V 100A 3P UL/CSA					
04276			0.33	EA	0.000%	TERMINAL STRIP 600V 35 AMP 10-					
02176			12.00	EA	0.000%	TERMINAL LUG #8 HOMAC UL/CSA					
02205SS			1.00	EA	0.000%	WRAPPER END 20" 20103REV.B 160					
02234			1.00	EA	0.000%	CRATE 37"W X 70"L X 40"H DOMES					
02240			2.50	FT	0.000%	CONDUIT ALFLEX type SWA .375"					
02243			1.50	FT	0.000%	CONDUIT 1" FLEXIBLE STEEL U.L.					
02244			2.00	FT	0.000%	CONDUIT ALFLEX type SWA 1.25"					
02246			2.00	EA	0.000%	CONDUIT CONNECTOR .375" 90 DEG					
02252			2.00	EA	0.000%	CONDUIT CONNECTOR .375" STR					
02301			1.00	EA	0.000%	VALVE SOLENOID .5" 120V 60 HZ					
02451			1.00	EA	0.000%	PRESSURE GAUGE 2.5" 0-30# ASHC					
02396			1.00	EA	0.000%	WATER GAUGE SET STANDARD SHANK					
02462			1.00	EA	0.000%	VALVE CHECK .5" 125# SWP SWING					
02490			1.00	EA	0.000%	VALVE BALL .5" 200# SWP					
02539			4.00	EA	0.000%	CONTACTOR 75A 120V 3P UL/CSA					
02604			4.00	EA	0.000%	ELEMENT 240V 25KW 3P SS SHEATH					
02618			1.00	EA	0.000%	BLOCK POWER DISTRIBUTION 3/500					
02399			1.00	EA	0.000%	VALVE SAFETY 1" 15# SWP 1.25" O					
02420			1.00	EA	0.000%	GAUGE GLASS 5.875" X .625" PYREX					

System Date: 05/25/2011 / 2:09 pm
Application Date: 05/25/2011Page: 1
User: WKH / WKH

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WITHOUT PHANTOM

BILL	REVISION		TYPE		U/M	DESCRIPTION				
RX100E3A	001 (CURRENT)		STANDARD		EACH	BOILER R 100KW 240V 3PH 15# S AFETY				
COMPONENT	REV	TRYP	QTY/BILL	U/M	SCRAP %	DESCRIPTION	ADD DATE	ECN	DEL DATE	
02522			1.00	EA	0.000%	GAUGE PROTECTOR 6" U-SHAPE				
02692			1.00	EA	0.000%	VALVE CHECK .5" BALL CONE SPRIN				
02712			1.00	EA	0.000%	VALVE GLOBE 1.25"125#SWP				
02786			6.00	EA	0.000%	NIPPLE .5" X CLOSE BLACK EH				
02788			3.00	EA	0.000%	NIPPLE .5" X 1" BLACK EH				
02791			1.00	EA	0.000%	NIPPLE .5" X 3.5" BLACK EH				
02807			1.00	EA	0.000%	NIPPLE .75" X 9" BLACK EH				
02806			1.00	EA	0.000%	NIPPLE .75"X6" BLACK EH				
02817			1.00	EA	0.000%	NIPPLE 1.25 X CLOSE BLACK EXHIV				
02819			1.00	EA	0.000%	NIPPLE 1.25" X3" BLACK EH				
02951			2.00	EA	0.000%	KNOCKOUT SEAL .5"				
02997			2.00	EA	0.000%	ELBOW STREET 2.5" 90 DEG.				
03021			1.00	EA	0.000%	COUPLING FULL .5" NPT 3000#				
01104			5.00	EA	0.000%	TEE .5" BLACK MALLEABLE IRON				
03254			1.00	EA	0.000%	VALVE GAUGE TEST .25"				
03225			1.00	EA	0.000%	STRAINER .5" Y SB-62 UNS				
20838	*	STD	1.00	EACH	0.000%	CONTROLLER 04316-EDC-LED				
03802			1.00	EA	0.000%	VALVE BALL .75" W/LATCH 200# S				
03818			1.00	EA	0.000%	TICKET HOLDER FOR SHOP CLEAR F				
20757	*	STD	1.00	EACH	0.000%	ELECTRICAL PNL ASSY R36-120 LB				
20062A			1.00	EA	0.000%	WRAPPER R100-120 (NEW)				
20292-140			1.00	EA	0.000%	ELECTRIC BOX SUPPORT 46.5" X 1				
20364-7A			1.00	EA	0.000%	BRACE BOX R100 & 120 NEWSTYLE				
20084B	*	STD	1.00	EACH	0.000%	ELECTRICAL ENCLOSURE 26" X 30"				
MBJ-9			1.00	EA	0.000%	GAUGE GLASS SAFETY ROD R-MODEL				
R-120A			1.00	EA	0.000%	SHELL R100-120 (COMPLETE NEW)				
02499			1.00	EA	0.000%	PROPORTIONAL CONTROL 5-150# HW				
02796			1.00	EA	0.000%	NIPPLE .5" X 6" BLACK EH				
01103			2.00	EA	0.000%	TEE .75" BLACK MALLEABLE IRON				
04301			1.00	EA	0.000%	LABEL NAMEPLATE UL/CSA 3.48 X				
04322			2.00	EACH	0.000%	NIPPLE .5 X 1.5" BRASS				
04323			1.00	EACH	0.000%	TEE .5" BRASS SB62 C936				
04325			1.00	EACH	0.000%	CROSS .5" BRASS B62 C936				
04229			1.00	EA	0.000%	DECAL SHEET				
04308			0.01	EA	0.000%	TAPE ALUMINUM FOIL DUCT 60YD R				

System Date: 05/25/2011 / 2:09 pm
Application Date: 05/25/2011

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Reimers Electra Steam, Inc.

WITHOUT PHANTOM BLOW THROUGH

BILL	REVISION		TYPE		U/M	DESCRIPTION					
RX100E3A	001	(CURRENT)	STANDARD	EACH		BOILER R 100KW 240V 3PH 15# S AFETY					
COMPONENT	REV	TYP	QTY/BILL	U/M	SCRAP %	DESCRIPTION	ADD DATE	ECN	DEL DATE	ECN	FIND# STEP
02251			4.00	EA	0.000%	CONDUIT CONNECTOR 1.5" X 90 DE					
04439			10.00	FT	0.000%	WIRE #18 TGGT 600V 250C UL/CSA					
04526			1.00	EACH	0.000%	NIPPLE .5" X 6" BRASS SB43 GRO					
01162			1.00	EA	0.000%	ELBOW .25" BRASS FEMALE					
04400			2.00	EACH	0.000%	SYPHON TUBE .25" BRASS SB43 GR					
04528			2.00	EACH	0.000%	CABLE TIE MOUNT					
04529			2.00	EACH	0.000%	STANDOFF HEX 1.5" X .375" FOR					
20763	*	STD	1.00	EACH	0.000%	PRESSURE CONTROL MANIFOLD R-24					
20350-14	*	STD	1.00	EA	0.000%	BRACE SOLENOID R-MODEL 24-80 / H-RISE					
20802	*	STD	1.00	EACH	0.000%	STEP CONTROL 4 SWITCH					
20943	*	STD	1.00	EACH	0.000%	WRAPPER END 20" W/2" HOLE					
04592			1.00	EACH	0.000%	GROUND STRAP #4 BRAIDED					
20084B-8	*	STD	1.00	EACH	0.000%	SWITCH PANEL FOR ELECTRICAL EN					
02247			2.00	EA	0.000%	CONDUIT CONNECTOR .5" X 90 DEG					
04776			1.00	EACH	0.000%	PIPE PLUG .75" NPT COUNTERSUNK					
02956			4.00	EA	0.000%	CONDUIT SLEEVE 1.25" T&B UL/CS					
01246			4.00	EA	0.000%	SCREW 8-32X.375RDHD MCH FLT SL					
02803			1.00	EA	0.000%	NIPPLE .75X4.5 BLACK EXHEAVY					
20861	*	STD	1.00	EACH	0.000%	LABEL MAX. TORQUE 10 LB IN / 0					
04564			1.00	EACH	0.000%	TEE REDUCING BRASS .5" X .5" X					
01221			21.00	EA	0.000%	NUT .3125-18 HEX MACH. SCREW Z					
01345			15.00	EA	0.000%	LOCK WASHER .3125" SPRING SPLIT					
02655			1.00	EA	0.000%	FUSE 250V 5A UL/CSA					
03445			1.00	EA	0.000%	CONTACTOR 35A 120V 2P UL/CSA					
20062A1	*	STD	1.00	EACH	0.000%	PROBE COVER R36-120					
02792			3.00	EA	0.000%	NIPPLE .5" X 4" BLACK EH					
04162			2.00	EA	0.000%	PRESSURE CONTROL 14# OPERATING					

02498

1.00

PROPORTIONAL CONTROL

System Date: 05/25/2011 / 2:09 pm
Application Date: 05/25/2011Page: 3
User: WKH / WKH