

CRN# _____

NATBLD# 67424SERIAL# 69339

ABD8E1F

QC TEST SHEET

CONTROL CIRCUIT 120LOAD CIRCUIT 240KW 8

ELEMENTS QTY= 2 @ 4KW

PHASE 1

SET PRESSURE @ 40

OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

DAY/MONTH 4 / 5 2010VOLTS 240 AMPS 34.2 TOTAL WATTS 8KwPRESSURE 40 DIFF 5 LB.PER HR.(STEAM) MAX. A.W.P. 280 PSIG

(3.5 X KW) DESIGN STEAM CAP/# PER HR

Reimers Electra Steam, 4407 Matrinsburg, Pike

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

APPEARANCE ☒
 BLOWDOWN MAN ☒ AUTO ☐
 CONDENSATE TANK ☐
 CONDENSATE & PIPE, ECT ☐
 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. 2
 ELEMENT VOLT/KW 240 4
 JURISDICTION =VA.
 FUEL = ELECTRIC

HYDRO TEST OF COMPLETE BOILER

P.S.I.G. 100 BY OC DATE 5/4/10

DIELECTRIC VOLTAGE- WITHSTAND TEST:

AMPS _____

VOLTS 1200 SAT ☒ UNSAT _____ BY OC DATE 5/4/10 (IAW U.L. 834)

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

GROUNDING - CONTINUITY TEST IAW WITH UL

SAT ☒ UNSAT _____ BY OC DATE 5/4/10

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

SAFETY VALVE

CAPACITY 423OPERATIONAL
TEST ☒Representing Reimers Electra Steam, INC. by (Print) David E. Coffeydate 5/4/10Signature David E. Coffey

PIPING

VALVES

ITEM	*SIZE	SCH	SPEC.	THRD	SIZE	TYPE	RTG	PART#
STEAM	.25"	<u>80</u>	SB- <u>43</u>	THRD	.25"	NEEDLE	125	<u>03222</u>
FEED	.5"	80	SA-106	THRD	.5"	BALL	200	<u>02490</u>
FEED					*.5"	BALL CONE SPRING	125	
BLOWDOWN	.5"	80	SA-106	THRD	.5"	BALL	200	02490
GAUGE	.25" X .03"	.035 WALL	SB-75	COMP				

SAFETY VALVE: QTY 1 .5" 100 PSI 423 LB/HR #02637

* VERIFICATION BY IN PROCESS MATERIAL MONITORING

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: 04/16/10
DUE DATE: 04/19/10ITEM NUMBER: ABD8E1F
DESCRIPTION: BOILER ABD 8KW 240V 1PH 100# A
REVISION: 001
OPTION CODE:QUANTITY: 1.00
UNIT OF MEASUREMENT: EAMAKE FOR: I/M
PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	20648	BRACKET WATER SOLENOID AR899	1	20647	GAUGE GLASS REFLECTOR AR899
2	02983	BUSHING .25 X .125 BRASS	1	04225	GROMMET 13/16" DIA (PK OF 25)
2	03676	BUSHING .5" X .25" BRASS	2	04146	GROMMET RUBBER 11/16"
1	03564	BUSHING HEYCO SR7N-2	2	04682	HINGE 1" X 1" X .047 NR #3 SCR
1	20649	CABINET ELECTRONICS ENCLOSURE	2	01821	HOSE CONNECTOR .25" X .125" AD
1	20640	CABINET SHELF AR899	2	04224	INSULATION 1" X 10.75" X 15"
1	20641	CABINET TOP AR899	1	04218	INSULATION 1" X 11.5" X 11.437
1	20638	CABINET WRAPPER AR899 (STANDARD)	1	04217	INSULATION 1" X 7" X 37"
9	04185	CABLE TIE HOLDER	4	02030	INSULATION 2" X 48" X 100" FIB
15	01502	CABLE TIE NATURAL NYLON 4" LONG	1	20827	INSULATION PRECUT 8" X 15"
1	03407	CARTON 18.625" L X 16.375" W X 2	2	02326	KNOCKOUT SEAL .75"
1	03469	CARTON TAPED SLEEVE/TUBE 11.12	1	04301	LABEL NAMEPLATE UL/CSA 3.48 X
2	03255	CONNECTOR .125 PIPE .25 TUBE	2	20720	LIGHT ALARM ASSEMBLY
1	01538	CONNECTOR .25" TUBE X .375" NPT	1	04396	LIGHT SOLICO NEON LIGHT 125V
1	03717	CONNECTOR .375" TUBE X .25" MP	3	01238	LOCKWASHER #12 HEAVY STEEL HEL
1	04227	CONNECTOR .375" TUBE X .250" F	1	03077	LOCKWASHER .25" HEAVY STEEL HE
1	03445	CONTACTOR 35A 120V 2P UL/CSA	3	03561	LOCKWASHER 3/16" EXTERNAL TOOT
2	03760	COPPER TUBE REF.5" ODX.032 WALL	1	03780	MOUNTING BRACKET W/SCREWS FOR
6	01476	COPPERTUBE REF.25ODX.032WALL S	1	04545	NIPPLE .25 X 3.25 BRASS SCH40
2	02987	COUPLING .25" BRASS	2	04249	NIPPLE .25" X 2" BRASS SCH 40
1	20642	COVER GAUGE GLASS AR899 & RB-3	1	04203	NIPPLE .25" X 2.75" BRASS SCH4
1	04229	DECAL SHEET	2	03223	NIPPLE .25X1.5 BRASS SCH80
5	01162	ELBOW .25" BRASS FEMALE	4	01160	NIPPLE .25XCLS.BRASS SCH40
1	02995	ELBOW .25" TUBE .25 NPT MALE	1	03948	NIPPLE .375 X CLOSE BRASS SCH4
1	02996	ELBOW .25" TUBE X .375" BRASS N	3	03949	NIPPLE .5 X CLOSE BRASS SCH 40
2	03704	ELBOW .25" X90 DEG. BLACK MALL	1	02787	NIPPLE .5" X 1.5" BLACK EH
1	04261	ELBOW .5" M.L. SIDE OUTLET	4	04237	NUT & SLEEVE .250" BRASSCRAFT
1	03923	ELBOW .5" TUBE X .375" NPT	1	01351	NUT .25-20 HEX JAM PLATE
1	01094	ELBOW .5" X 90 DEG. BLACK MALL	2	01314	NUT .375"-16 HEX MACHINE STEEL
1	03763	ELBOW .5" TUBE X .5" NPT NO NUT	3	01347	NUT 12-24 HEX STEEL PLATED
5	02997	ELBOW STREET .25" 90 DEG.	4	01249	NUT 6-32 HEX PLATED
1	03946	ELBOW STREET .375 BRASS	1	20643	PANEL LOWER FRONT AR899 (AUTO)
1	02481	FILTER CARTRIDGE FOR 1CIA CUNO	1	20646	PANEL UPPER FRONT AR899 (STAND
1	02480	FILTER HOUSING CUNO MODEL 1A1	1	04138	PIPE NIPPLE BRASS 3" X 1/8" NP
1	04959	FOAM 1 X 16.25 X 18	1	03041	PIPE PLUG .25" SQUARE HEAD BLK
1	04960	FOAM 1 X 16.25 X 9	1	04163	PRESSURE CONTROL 60# OPERATING
3	04961	FOAM 2 X 15 X 8	1	04296	PRESSURE CONTROL 90# HI LIMIT
1	04815	FOAM 2 X 16.25 X 18.25	1	02299	PRESSURE GAUGE 2" 0-160 PSIG/O
1	04962	FOAM 2 X 9 X 5.25	1	04316	RELAY SOLID STATE 120V 30A 1P
3	04688	FOAM 4.5 X 3.75 X 13.5	2	20592	RESET SWITCH & WIRE TO RELAY J
1	02655	FUSE 250V 5A UL/CSA	4	02961	RIVET .125" DIA X .063-.125 GRI
1	01520	FUSE BLOCK JR/AR UL/CSA BOILER	4	04266	RIVET NUT 10-32 ZINC PLATED ST
1	04180	GAUGE GLASS .625" X 3.375" PYREX	2	04447	SCREW 10-24 X .375 RND HEAD SL



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

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
3	01273	SCREW 12-24X.5 RNDHD SLT PLATE			
10	04232	SCREW 8-32X.3125 PHILLIPS PAN			
2	04291	SCREW 8-32X1" PHILLIPS PAN HD			
2	04285	SCREW HEX WASHER HEAD 10-32 X			
1	AR899	SHELL AR899 (COMPLETE)			
0	04260	SLEEVEING FIBERGLASS .330" ID O			
6	04415	STANDOFF PLASTIC .5" L			
2	04257	STANDOFF THREADED 6-32 .250 HE			
10	03084	STUD .375-16 X 1" FULL THREAD			
1	04213	SWITCH ILLUMINATED RED W/WHITE			
2	03190	SYPHON TUBE .25 STL STRAIGHT S			
2	04400	SYPHON TUBE .25" BRASS SB43 GR			
0	04308	TAPE ALUMINUM FOIL DUCT 60YD R			
2	01161	TEE .25" BRASS			
1	01105	TEE .375" BLACK MALLEABLE IRON			
1	03638	TEE .375" BRASS			
1	03026	TEE REDUCING .5X.5X.25 BLACK MA			
2	20779	TERMINAL BLOCK 2 POLE 600V 35A			
2	20623	TERMINAL COVER (FOR 04247 .125			
1	02177	TERMINAL LUG #4 HOMAC UL/CSA			
1	02739	TERMINAL NIT RING 16-14 WIRE X			
1	04220	TERMINAL SLIP ON FEM .250X.032			
1	04222	TERMINAL SLIP ON FEM .25X.032			
2	02738	TERMINAL SLIP ON FEM .187X.032			
1	04562	UNION .25" NPT BRASS FEMALE			
1	03222	VALVE ANGLE .25" 125#SWP W/PLA			
2	03472	VALVE BALL .25" 200# SWP			
1	03346	VALVE BALL .5" W/LATCH 200 SWP			
1	04446	VALVE CHECK .25" BALL CONE SPR			
2	02692	VALVE CHECK .5" BALL CONE SPRIN			
1	04140	VALVE CHECK BALL 1/8" NPT FEMA			
1	03254	VALVE GAUGE TEST .25"			
1	04386	VALVE NEEDLE .125"			
1	02637	VALVE SAFETY .5" 100# SWP 1" O			
1	02585	VALVE SOLENOID .375 120V WATER			
1	03553-DENT	WAND STEAM ASSY WHOSE & DENTA			
1	MBJ-32	WIRE CONTACTOR JUMPER TO CUSTO			
1	20626	WIRE CONTACTOR TO FUSE AR899			