

CRN#

NATBLD# 56528

SERIAL# 58343

OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

ABARHCS8E1F

QC TEST SHEET

CONTROL CIRCUIT 120

LOAD CIRCUIT 240

KW 8

ELEMENTS QTY= 2 @ 4KW

PHASE 1

SET PRESSURE @

DAY/MONTH 30 / JAN 2001

TEST TIME: START STOP

VOLTS 240 AMPS 33 TOTAL WATTS 8000

SET PRESSURE 80 DIFF 5 LB.

(STEAM) AWP MAX. PSIG LBS/HR

(3.5 X KW)

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 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. _____
 ELEMENT VOLT/KW _____
 JURISDICTION =VA. _____
 FUEL = ELECTRIC

HYDRO TEST OF COMPLETE BOILER

P.S.I.G. 100 BY 83 DATE 1-30-01

DIELECTRIC VOLTAGE- WITHSTAND TEST:

AMPS

VOLTS 1200 SAT ☒ UNSAT _____ BY 83 DATE 1-30-01 (IAW U.L. 834)

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

GROUNDING - CONTINUITY TEST IAW WITH UL

SAT ☒ UNSAT _____ BY 83 DATE 1-30-01

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

SAFETY VALVE

CAPACITY 423

OPERATIONAL
TEST ☒

Representing Reimers Electra Steam, INC. by (Print)

date

Signature

PIPING

VALVES

ITEM	*SIZE	SCH	SPEC.	THRD	SIZE	TYPE	RTG	PART#
STEAM	375" 1/4	80	SA-106	THRD	375" 1/4	GLOBE	125	03222
FEED	.5"	80	SA-106	THRD	.5"	BALL	200	02490
FEED					*.5"	SWING & SPRING	125	
BLOWDOWN	.5"	80	SA-106	THRD	.5"	BALL	200	02490
GAUGE	.25" X .03"		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)



WPO0100135

(WON)

WORK ORDER SHEET

Tuesday January 23, 2001

BOILER AR 8KW 240V 1PH 100#SAFETY W/PUMP & SS TANK

1 2.00

ABARHCS8E1F

QTY

PART #

RUSH

ORDER

STOCK

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1.00	20607	BRACKET SOLENOID VALVE JJ BOILER	3.00	01347	NUT 12-24 HEX STEEL PLATED
1.00	20648	BRACKET WATER SOLENOID AR899	4.00	01249	NUT 6-32HEX PLATED
1.00	03564	BUSHING HEYCO SR7N-2	1.00	20643	PANEL LOWER FRONT AR899 (AUTO)
1.00	20056ACS	CABINET "HI-RISE" ASSEMBLY W/STAINLESS TAN	1.00	20646	PANEL UPPER FRONT AR899 (STANDARD)
1.00	20649	CABINET ELECTRONICS ENCLOSURE AR899	1.00	20614	PRESSURE CONTROL SUB-ASSEMBLY FOR JJ JG AR8
1.00	20640	CABINET SHELF AR899	1.00	02299	PRESSURE GAUGE 2" 0-160 PSIG/0-11 BAR PANEL
1.00	20641	CABINET TOP AR899	1.00	03382	RELAY SOLIDSTATE CTRL PUMP/FEED/L.W. 120V D
1.00	20638	CABINET WRAPPER AR899 (STANDARD)	4.00	02961	RIVET .125"DIA X .063-.125 GRIP BLIND DOMEH
7.00	04185	CABLE TIE HOLDER	0.32	04266	RIVET NUT 10-32 ZINC PLATED STEEL KNURLED (
15.00	01502	CABLE TIE NATURAL NYLON 4"LONG	3.00	01273	SCREW 12-24X.5 RNDHD SLT PLATE
2.00	03408	CAPS BOILER EPS FOAM SET	4.00	01694	SCREW 6-32 X .25 FLAT HEAD PLATE
1.00	03407	CARTON 18.625"L X 16.375"W X 22.875"H 275#	2.00	04232	SCREW 8-32X.3125 PHILLIPS PAN HEAD THRD CUT
2.00	03469	CARTON TAPED SLEEVE/TUBE 11.125 X 2.625 X 5	2.00	04291	SCREW 8-32X1" PHILLIPS PAN HD TEK SLF DRILL
1.00	03717	CONNECTOR .375" TUBE X .25" MPT STRAIGHT NO	0.02	04285	SCREW HEX WASHER HEAD 10-32 X 3/4"
1.00	04227	CONNECTOR .375" TUBE X .250" FPT FEMALE NO	1.00	AR899	SHELL AR899 (COMPLETE)
1.00	03445	CONTACTOR 35A 120V 2P UL/CSA	0.20	04260	SLEEVING FIBERGLASS .330" ID O AWG SILICONE
1.80	03760	COPPER TUBE REF.5"CDX.032WALL ASTM B75C120/1	2.00	04257	STANDOFF THREADED 6-32 .250 HEX X .75L (FOR
1.00	03507	CORD SET 6' 4W 45A #00606	1.00	20622	STRAINER SOLENOID HV 276-222-1
1.00	20642	COVER GAUGE GLASS AR899 & RB-30	10.00	03084	STUD .375-16 X 1" FULL THREAD PLATED
1.00	03718	ELBOW .375" TUBE X .25" NPT NO NUT ASTM B16	1.00	03690	SWITCH 1P 120V 15A TA205-TW-W
1.00	04261	ELBOW .5" M.I. SIDE OUTLET BLACK 150# ASTM	1.00	04213	SWITCH ILLUMINATED RED W/WHITE FRAME 125/25
1.00	03923	ELBOW .5" TUBE X .375" NPT ASTM B16 C360	1.00	20582	SYPHON TUBE JJ/JG/AR_99
1.00	01094	ELBOW .5" X 90 DEG. BLACK MALL. IRON 150# A	2.00	20623	TERMINAL COVER (FOR 04247 .125" ELECTRODE)
1.00	03763	ELBOW .5" TUBE X .5" NPT NO NUT ASTM B16C360	1.00	02177	TERMINAL LUG #4 HOMAC UL/CSA
2.00	01133	ELBOW .5X90 DEG. STREET BLACK MALL. IRON 150	1.00	02739	TERMINAL NIT RING 16-14 WIRE X 10 STUD NON-
1.00	04264	ELBOW CONNECTOR .5" TUBE X .375" NPT	1.00	04220	TERMINAL SLIP ON FEM .250X.032 #22-18 FULL-
1.00	04265	ELBOW STREET .375 NPT POLYPROPYLENE	1.00	04222	TERMINAL SLIP ON FEM .25X.032 #22-18 BAR.-
1.00	03508	FUSE 250V 15A GAB15	2.00	02738	TERMINAL SLIP-ON FEM .187X.032 16/14 BAR-IN
1.00	01520	FUSE BLOCK JR/AR BOILER 354901GY UL/CSA	0.16	04276	TERMINAL STRIP 600V 35 AMP 8-26AWG 12 CIRCU
1.00	04201	GAUGE GLASS .625" X 4.75" PYREX HP	3.00	03546	TRAP STEAM ANGLE .5" TA125
1.00	20647	GAUGE GLASS REFLECTOR AR899	1.00	20473	TRAP SUPPORT HI-RISE
1.00	02001	GAUGE SET LESS GLASS & ROD	1.00	04263	TUBE CONNECTOR .5" TUBE OUTLET X .375" NPT
0.06	04146	GROMMET RUBBER 11/16" (PKG 50)	1.00	20583	TUBE PRESSURE GAUGE AR99
0.08	04196	GROMMET RUBBER 7/16" HOLE DIA	1.00	20621	TUBE STEAM VALVE TO SOLENOID "C" .375 X 5.6
1.00	20474	HANDLE .5" CONDUIT 30" FOR HI-RISE BOILER	1.00	02472	VALVE BALL .25" 200# SWP ASTM B584 C844
2.00	04224	INSULATION 1" X 10.75" X 15"	1.00	02490	VALVE BALL .5" 200# SWP ASTM B584 C844
1.00	04218	INSULATION 1" X 11.5" X 11.4375"	1.00	03346	VALVE BALL .5" W/LATCH 200 SWP ASTM B584 C8
1.00	04217	INSULATION 1" X 7" X 37"	1.00	04262	VALVE BALL EXTENSION .25" 200# SWP ASTM B58
4.20	02030	INSULATION 2" X 48" X 150' FIBERGLASS	1.00	02692	VALVE CHECK .5" BALLCONE SPRING 125#SWP AST
1.00	04215	LIGHT RED W/WHITE FRAME 125V	1.00	02637	VALVE SAFETY .5" 100# SWP 1" OUTLET CERT.AS
3.00	01238	LOCKWASHER #12 HEAVY STEEL HELICAL SPRING	1.00	02585	VALVE SOLENOID .375 120V WATER 18" LEAD ASC
1.00	03077	LOCKWASHER .25" HEAVY STEEL HELICAL SPRING	1.00	20631	WIRE CONTACTOR COIL N TERMINAL AR899
3.00	03561	LOCKWASHER 3/16" EXTERNAL TCOOTH 18NLETZ	1.00	20626	WIRE CONTACTOR TO FUSE AR899
1.00	03223	NIPPLE .25X1.5 BRASS EXT.HEAVY ASME SB43 GR	1.00	20636	WIRE CONTACTOR TO HEAT LAMP AR899
1.00	02787	NIPPLE .5" X 1.5" BLACK EH ASTM A-106 SEAML	1.00	20625	WIRE DF BOARD TO GROUND TERMINAL AR899
1.00	02788	NIPPLE .5" X 2" BLACK EH ASTM A-106 SEAML	1.00	20630	WIRE FUSE TO POWER SWITCH TERMINAL AR899
1.00	02789	NIPPLE .5" X 2.5" BLACK EH ASTM A-106 SEAML	1.00	20629	WIRE H PROBE TO DF BOARD H TERMINAL AR899
2.00	02786	NIPPLE .5" X CLOSE BLACK EH ASTM A-106 SEAM	1.00	20628	WIRE HI LIMIT PRESSURE SWITCH TO DF BOARD L
4.00	04230	NUT & SLEEVE .375" BRASSCRAFT ASTM B16 C360	1.00	20627	WIRE HI LIMIT PRESSURE SWITCH TO LLCO PROBE
1.00	04231	NUT & SLEEVE .5" BRASSCRAFT ASTM B16 C360	1.00	20632	WIRE JUMPER POWER SWITCH TO BOARD TO PUMP A
1.00	01351	NUT .25-20HEX JAM PLATE	1.00	20634	WIRE PRESSURE SWITCH TO CONTACTOR COIL AR89

NOT USED - 70

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
2.00	01314	NUT .375-16 HEX MACHINE STEEL .625X.25 NICK	1.00	20633	WIRE PRESSURE SWITCH TO DF BOARD NO TERMINA