

2 CRN# _____ NATBLD# 63764 SERIAL# 65637

OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

ABA8E1F

QC TEST SHEET

DAY/MONTH 23 1 10 2006
 VOLTS 240 AMPS 30.3 TOTAL WATTS 9 KW
 SET PRESSURE 40 DIFF 5 LB.
 (STEAM) M AWP .. 100 PSIG
 (3.5 X KW) DESIGN STEAM CAP 28

CONTROL CIRCUIT 120
 LOAD CIRCUIT 240
 KW 8
 ELEMENTS QTY= 2 @ 4KW
 PHASE 1
 SET PRESSURE @ 40

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 JH DATE 10/23/06

DIELECTRIC VOLTAGE- WITHSTAND TEST:

AMPS 30.3

VOLTS 1700 SAT UNSAT BY JH DATE 10/23/06 (IAW U.L. 834)

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

GROUNDING - CONTINUITY TEST IAW WITH UL

SAT UNSAT BY JH DATE 10/23/06

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

SAFETY VALVE
 CAPACITY 423
OPERATIONAL TEST

Representing Reimers Electra Steam, INC. by (Print) [Signature]

date 10/23/06 Signature [Signature]

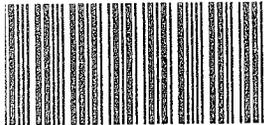
PIPING

ITEM	*SIZE	SCH	SPEC.	THRD	SIZE	TYPE	RTG	PART#
STEAM	1/4"	80	SB-43	THRD	1/4"	GLOBE	200	02319
FEED	1/2"	80	SA-106	THRD	.5"	BALL	200	02490
FEED					*.5"	SPRING	125	02692
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)



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Work Order Traveler

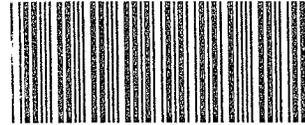
SCHEDULED START: 09/25/06
DUE DATE: 09/26/06

QUANTITY: 2.00
UNIT OF MEASUREMENT: EA

ITEM NUMBER: **ABASEIF**
DESCRIPTION: **BOILER ABR 8KW 240V 1PH 100# S**
REVISION: 001
OPTION CODE:

MAKE FOR: I/M
PLANNER:

STEP	QTY	PART	DESCRIPTION	STEP	QTY	PART	DESCRIPTION
0010	2	01094	ELBOW .5" X 90 DEG. BLACK MALL	0010	2	03408	CAPS BOILER EPS FOAM SET
0010	4	01133	ELBOW .5X90 DEG. STREET BLACK	0010	2	03445	CONTACTOR 35A 120V 2P UL/CSA
0010	2	01161	TEE .25" BRASS	0010	2	03469	CARTON TAPED SLEEVE/TUBE 11.12
0010	4	01162	ELBOW .25" BRASS FEMALE	0010	2	03508	FUSE 250V 15A GAB15
0010	6	01238	LOCKWASHER #12 HEAVY STEEL HEL	0010	6	03561	LOCKWASHER 3/16" EXTERNAL TOOT
0010	8	01249	NUT 6-32HEX PLATED	0010	2	03564	BUSHING HEYCO SR7N-2
0010	6	01273	SCREW 12-24X.5 RNDHD SLT PLATE	0010	4	03676	BUSHING .5" X .25" BRASS
0010	4	01314	NUT .375"-16 HEX MACHINE STEEL	0010	2	03717	CONNECTOR .375" TUBE X .25" MP
0010	6	01347	NUT 12-24 HEX STEEL PLATED	0010	2	03718	ELBOW .375" TUBE X .25" NPT NO
0010	2	01351	NUT .25-20HEX 1AM PLATE	0010	4	03760	COPPER TUBE REF.5"ODX.032WALL
0010	30	01502	CABLE TIE NATURAL NYLON 4"LONG	0010	2	03763	ELBOW .5" TUBE X .5" NPT NO NUT
0010	2	01520	FUSE BLOCK JR/AR BOILER 354901	0010	2	03923	ELBOW .5" TUBE X .375" NPT
0010	8	02030	INSULATION 2" X 48" X 150 FIB	0010	6	04146	GROMMET RUBBER 11/16"
0010	2	02177	TERMINAL LUG #4 HOMAC UL/CSA	0010	2	04163	PRESSURE CONTROL 60# OPERATING
0010	2	02299	PRESSURE GAUGE 2" 0-160 PSIG/0	0010	2	04180	GAUGE GLASS .625" X 3.375" PYREX
0010	2	02319	VALVE GLOBE .25"125#SWP W/PLAS	0010	18	04185	CABLE TIE HOLDER
0010	2	02472	VALVE BALL .25" 200# SWP	0010	4	04196	GROMMET RUBBER 7/16" HOLE DIA
0010	2	02585	VALVE SOLENOID .375 120V WATER	0010	2	04213	SWITCH ILLUMINATED RED W/WHITE
0010	2	02637	VALVE SAFETY .5" 100# SWP 1" 0	0010	2	04217	INSULATION 1" X 7" X 37"
0010	2	02692	VALVE CHECK .5" BALLCONE SPRIN	0010	2	04218	INSULATION 1" X 11.5" X 11.437
0010	4	02738	TERMINAL SLIP-ON FEM .187X.032	0010	2	04220	TERMINAL SLIP ON FEM .250X.032
0010	2	02739	TERMINAL NIT RING 16-14 WIRE X	0010	2	04222	TERMINAL SLIP ON FEM .25X.032
0010	12	02741	TERMINAL RING 10-12 WIRE #10STU	0010	4	04224	INSULATION 1" X 10.75" X 15"
0010	4	02786	NIPPLE .5" X CLOSE BLACK EH	0010	2	04227	CONNECTOR .375" TUBE X .250" F
0010	2	02787	NIPPLE .5" X 1.5" BLACK EH	0010	2	04229	DECAL SHEET
0010	2	02788	NIPPLE .5" X 2" BLACK EH	0010	8	04230	NUT & SLEEVE .375" BRASSCRAFT
0010	2	02789	NIPPLE .5" X 2.5" BLACK EH	0010	2	04231	NUT & SLEEVE .5" BRASSCRAFT
0010	8	02961	RIVET .125"DIA X .063-.125 GR1	0010	24	04232	SCREW 8-32X.3125 PHILLIPS PAN
0010	4	02983	BUSHING .25 X .125 BRASS	0010	4	04257	STANDOFF THREADED 6-32 .250 HE
0010	4	02997	ELBOW STREET .25" 90 DEG.	0010	4	04259	HINGE 1" X 1" X .047 #3 SCREW
0010	2	03041	PIPE PLUG .25" SQUARE HEAD	0010	0	04260	SLEEVING FIBERGLASS .330" ID O
0010	2	03077	LOCKWASHER .25" HEAVY STEEL HE	0010	2	04261	ELBOW .5" M.I. SIDE OUTLET
0010	20	03084	STUD .375-16 X 1" FULL THREAD	0010	2	04263	TUBE CONNECTOR .5" TUBE OUTLET
0010	2	03223	NIPPLE .25X1.5 BRASS SCH40	0010	2	04264	ELBOW CONNECTOR .5" TUBE X .37
0010	4	03236	KNOCKOUT SEAL .75"	0010	2	04265	ELBOW STREET .375 NPT POLYPROP
0010	2	03254	VALVE GAUGE TEST .25"	0010	4	04266	RIVET NUT 10-32 ZINC PLATED ST
0010	2	03346	VALVE BALL .5" W/LATCH 200 SWP	0010	4	04285	SCREW HEX WASHER HEAD 10-32 X
0010	2	03407	CARTON 18.625"L X 16.375"W X 2	0010	4	04291	SCREW 8-32X1" PHILLIPS PAN HD



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0010	2	04296	PRESSURE CONTROL 90# HI LIMIT				
0010	2	04301	LABEL NAMEPLATE UL/CSA 3.48 X				
0010	0	04308	TAPE ALUMINUM FOIL DUCT 50YD R				
0010	2	04316	RELAY SOLID STATE 120/240 30A				
0010	2	04396	LIGHT SOLICO NEON LIGHT 125V/E				
0010	4	04400	SYPHON TUBE .25" BRASS SB43 GR				
0010	12	04415	STANDOFF PLASTIC .5" L				
0010	4	04447	SCREW 10-24 X .375 RND HEAD SL				
0010	2	04545	NIPPLE .25 X 3.25 BRASS SCH40				
0010	2	04555	NIPPLE .25" X 5.5" BRASS SCH40				
0010	2	20581	CABINET BASE II / AB BOILER				
0010	4	20592	RESET SWITCH & WIRE TO RELAY J				
0010	4	20623	TERMINAL COVER (FOR 04247 .125				
0010	2	20626	WIRE CONTACTOR TO FUSE AR899				
0010	2	20629	WIRE H PROBE TO DF BOARD H TER				
0010	2	20638	CABINET WRAPPER AR899 (STANDAR				
0010	2	20640	CABINET SHELF AR899				
0010	2	20641	CABINET TOP AR899				
0010	2	20642	COVER GAUGE GLASS AR899 & RB-3				
0010	2	20643	PANEL LOWER FRONT AR899 (AUTO)				
0010	2	20646	PANEL UPPER FRONT AR899 (STAND				
0010	2	20647	GAUGE GLASS REFLECTOR AR899				
0010	2	20648	BRACKET WATER SOLENOID AR899				
0010	2	20649	CABINET ELECTRONICS ENCLOSURE				
0010	2	20702	COVER PLATE SOLENOID VALVE AR				
0010	4	20720	LIGHT ALARM ASSEMBLY				
0010	2	20731	COVER FOOT SWITCH OPENING IG-2				
0010	4	20779	TERMINAL BLOCK 2 POLE 600V 35A				
0010	2	AR899	SHELL AR899 (COMPLETE)				
0010	2	MBJ-32	WIRE CONTACTOR JUMPER TO CUSTO				