

CRN#

NATBLD# 60981

SERIAL#

62819

OPERATIONAL TEST/ELECTRIC AND STEAM

MODELHL54K3B

DIAG.....

WIRE SIZE.....10

HZ.....60

VOLTS.....480

CONTROL VOLT....120.

PHASE...3

PRESSURE.....

KILOWATTS...54

CAPACITY 203,000 BTU/HR

UL FILE # E39545

DAY/MONTH 12/21 2004

VOLTS 480 AMPS 64.4 TOTAL WATTS 54,000

PRESSURE 30 DIFF 10

HEATER VOLTS 480

KW 54

PH 3 HZ 60

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. 3

ELEMENT VOLT/KW 480V-54KW

JURISDICTION = VA.

FUEL =ELECTRIC

STEAM

HOT WATER

IAX. W.P. (NAMEPLATE)

IIN. SAFETY VALVE CAP. PPH

MAX. W.P. 100 PSIG

MAX. TEMP. 250 DEG F

MIN. SAFETY VALVE CAP 184.2 PPH OR BTU
(3412 X KW/1000)

HYDRO TEST OF COMPLETE BOILER

P.S.I.G. BY DATE

LOW WATER CUTOFF ✓ HI WATER CUTOFF

SAFETY VALVE

CAPACITY 550,000

LB PER HR.

BTU

OPERATIONAL

TEST ✓

DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 235.2 SAT ✓ UNSAT BY 850 DATE 12-21-04 (IAW U.L. 834)

(CORRECTED/RETEST) BY DATE CORRECTIVE ACTION

NAMEPLATE: O.P. 100 KW 54 VOLTS 480 PH 3 HZ 60

Representing Reimers Electra Steam, INC. BY(Print) BRAD BUTTS DATE 12-21-04

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)



0005049

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Work Order Traveler

SCHEDULED START: 09/22/04

DUE DATE: 09/23/04

ITEM NUMBER: HL54K38

DESCRIPTION: BOILER HLR54 KW480 V 3PH 30# S

REVISION: 000

OPTION CODE:

QUANTITY: 1.00

UNIT OF MEASUREMENT: EA

MAKE FOR: I/M

PLANNER:

PROBE 5E

STEP	QTY	PART	DESCRIPTION	STEP	QTY	PART	DESCRIPTION
0010	1	01483	SWITCH 2P 2THR .25" SPADE CARL	0010	1	HLR-80	SHELL HLR 60;66;72;80 (COMPLET
0010	1	01904	BRASS ROD .25" (WELDING ROD)	0010	1	SKID2A	SKID BOILER NEW R;RH;RHC 24-70
0010	4	02022	FLANGE GASKET 2" RING	1	04316	RELAY (NEW)	
0010	1	02125	FUSE 250V 15A UL/CSA	1	203503	BOX BRACE	
0010	12	02128	FUSE 250V 50A UL/CSA	1	20094A	26"x28"ELEC. BOX	
0010	2	02139A	LIGHT 120V RED OMNI GLOW				
0010	1	02140	FUSE BLOCK 250V 30A 1P UL/CSA				
0010	4	02142	FUSE BLOCK 250V 60A 3P	9	02134	FUSE 600V 30A	
0010	4	02186	ELEMENT 240V 15KW 3P SS SHEATH	3	02613	FUSE BLOCK 600V 30A	
0010	1	02203	CEILING PLATE .375	3	02188	FLE. 480V 18KW	
0010	2	02205	CEILING PLATE .75" I.P.S. FLAN	1	02378	AQUASTAT L4008A1007 BSB.1021	
0010	1	02206	CEILING PLATE 1" PIPE SIZE	1	02616	P.O. BLOCK 3-2/0	
0010	2	02209SS	WRAPPER END 20" 20103REV.B 16G	2	04097	RELAY TIME DELAY	
0010	1	02376	TRANSFORMER 120/24V 45VA HONEY	2	03286	TIMER SOCKET	
0010	1	02384	VALVE SAFETY .75" 30# HOTWATER				
0010	20	02433	AQUASTAT WELL .5"W/CLIP HW				
0010	1	02445	SWITCH CH SINGLE POLE DOUBLE T				
0010	1	02514	VALVE BALL .75" 200# SWP				
0010	1	02526	PROPORTIONAL CONTROL 80-210F				
0010	4	02530	CONTACTOR 50A 120V 3P UL/CSA				
0010	1	02567	THERMOMETER REMOTE MT 2.5"300F				
0010	1	02569	PRESSURE GAUGE 2.5" PANEL MOUN				
0010	1	02599	AQUASTAT L4008E 1040 HW HI LIM BSB.12-21-04				
0010	1	02618	BLOCK POWER DISTRIBUTION 3/350				
0010	1	02630	ELECTRODE FITTING CAST WARRICK				
0010	1	02680	CONTACTOR 25A 24V 3P 8229A-100				
0010	1	03089	CARTON 42W 54L 36.75 500# TEST				
0010	1	03192	STEP CONTROL SWITCH ATHENA S				
0010	1	03193	STEP CONTROL CARD "A" INPUT GR				
0010	1	03194	STEP CONTROL CARD DELAY YELLOW				
0010	4	03195	STEP CONTROL CARD HEAT WHITE				
0010	1	03196	STEP CONTROL CARD STARTER BLK				
0010	1	03465	RELAY SOLID STATE CONTROL 120V				
0010	1	03551	SWITCH MANUAL RESET NC MO 14"L				
0010	1	20071	GAUGE PLATE HLR 24-550				
0010	1	20073	STEP CONTROL BOX S.S.				
0010	1	20084B	ELECTRICAL ENCLOSURE 26" X 30"				
0010	1	20153	WRAPPER HLR 12-108				
	1	02525	AQUASTAT WELL				