

CRN#

NATBLD# 59311

SERIAL# 61139

OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

MODELHL180K3F
WIRE DIAG.....
WIRE SIZE.....8
HZ.....60
VOLTS.....480
CONTROL VOLT....120.
PHASE....3
PRESSURE.....TEMP @180
KILOWATTS...180
CAPACITY 608,000 BTU/HR

DAY/MONTH 19 / 6 2003

VOLTS 480 AMPS 216 TOTAL WATTS 180KW

PRESSURE _____ DIFF _____

HEATER VOLTS 480

KW 180

PH 3 HZ 60

Reimers Electra Steam, 4407 Matrinsburg, Pike
Clear Brook, Va. 22624 PH 540-662-3811 FAX: 540-665-8101

STEAM

HOT WATER

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. 6
ELEMENT VOLT/KW 480V-180kw
JURISDICTION = VA.
FUEL =ELECTRIC

MAX. W.P. _____ (NAMEPLATE)
MIN. SAFETY VALVE CAP. _____ PPH

MAX. W.P. 100 PSIG
MAX. TEMP. 180 DEG F
MIN. SAFETY VALVE CAP _____ PPH OR BTU
(3412 X KW/1000)

HYDRO TEST OF COMPLETE BOILER

P.S.I.G. _____ BY _____ DATE _____
LOW WATER CUTOFF _____ HI WATER CUTOFF _____

DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 1960 SAT ☒ UNSAT _____ BY BS DATE 6/19/03 (IAW U.L. 834)

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

SAFETY VALVE

2075,000
CAPACITY _____
LB PER HR. _____
BTU

OPERATIONAL TEST _____

NAMEPLATE: O.P. 100 KW 180 VOLTS 480 PH 3 HZ 60

Representing Reimers Electra Steam, INC. BY(Print) G Burke DATE 6/19/03

Signature B Burke

INITIAL & DATE OPERATING CONTROLS, SAFETY CONTROLS, SAFETY VALVE ON REVERSE SIDE UPON COMPLETION OF OPERATIONAL TEST PERFORMANCE
(REF: ASME CSD-1, CG-500)

10F2

0002600

Work Order Traveler

SCHEDULED START: 05/20/03

DUE DATE: 05/27/03

/ QUANTITY: 2.00

UNIT OF MEASUREMENT: EA

ITEM NUMBER: **HL180K3F**
 DESCRIPTION: **BOILER HLR 180KW 480V 3PH 100#**
 REVISION: 000
 OPTION CODE:

MAKE FOR: I/M

PLANNER:

STEP	QTY	PART	DESCRIPTION	STEP	QTY	PART	DESCRIPTION
0010	2	01483	SWITCH 2P 2THR .25" SPADE CARL	0010	2	HLR-180	SHELL HLR 180 (COMPLETE)
0010	1	01904	BRASS ROD .25" (WELDING ROD)	1		20350-B	BOX BRACE
0010	12	02022	FLANGE GASKET 2" RING				
0010	2	02100	SWITCH CH SINGLE POLE SINGLE T				
0010	2	02125	FUSE 250V 15A UL/CSA				
0010	2	02139A	LIGHT 120V RED OMNI GLOW				
0010	2	02140	FUSE BLOCK 250V 30A 1P UL/CSA				
0010	2	02203	CEILING PLATE .375"				
0010	4	02205	CEILING PLATE .75" I.P.S. FLAN				
0010	2	02206	CEILING PLATE 1" PIPE SIZE				
0010	2	02234	CRATE 37"W X 76"L X 40"H DOMES				
0010	2	02433	AQUASTAT WELL .5"W/CLIP HW				
0010	2	02514	VALVE BALL .75" 200# SWP				
0010	36	02518	FUSE 600V 50A UL/CSA				
0010	2	02525	AQUASTAT WELL FOR HW T991A				
0010	12	02530	CONTACTOR 50A 120V 3P UL/CSA				
0010	2	02567	THERMOMETER REMOTE MT 2.5"300F				
0010	2	02569	PRESSURE GAUGE 2.5" PANEL MOUN				
0010	2	02599	AQUASTAT L4008E 1040 HW HI LIM				
0010	12	02609	ELEMENT 480V 30KW 3P SS SHEATH				
0010	12	02614	FUSE BLOCK 600V 60A 3P UL/CSA				
0010	2	02618	BLOCK POWER DISTRIBUTION 3/350				
0010	2	02630	ELECTRODE FITTING CAST WARRICK				
0010	2	02657	VALVE SAFETY .75" 100# HOT WAT				
0010	2	02688	PROPORTIONAL CONTROL 55-175F T				
0010	2	03192	STEP CONTROL 0 SWITCH ATHENA S				
0010	2	03193	STEP CONTROL CARD "A" INPUT GR				
0010	2	03194	STEP CONTROL CARD DELAY YELLOW				
0010	12	03195	STEP CONTROL CARD HEAT WHITE				
0010	2	03196	STEP CONTROL CARD STARTER BLK				
0010	2	03445	CONTACTOR 35A 120V 2P UL/CSA				
0010	2	03465	RELAY SOLID STATE CONTROL 120V				
0010	2	03551	SWITCH MANUAL RESET NC MO 14"L				
0010	4	20054E	WRAPPER END 20" PAINT & STORE				
0010	2	20071	GAUGE PLATE HLR 24-550				
0010	2	20073	STEP CONTROL BOX S.S.				
0010	2	20079	WRAPPER HLR120-180				
0010	2	20086	ELECTRICAL BOX 36W 36H 6D				
2	02524		PROPORTIONAL CONTROL 210°				

PROBE = 3 7/8"

8/6/19/03