

CRN#

NATBLD# 70225

SERIAL#

72182

OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

MODELHLR300K3F

DIAG.....

WIRE SIZE.....8

HZ....60

VOLTS.....480

CONTROL VOLT....120

PHASE...3

TEMP.....

KILOWATTS...300

CAPACITY 1,023,600 BTU/HR

DAY/MONTH 11 / 9 2012

VOLTS 480 AMPS 364 TOTAL WATTS 300,000

PRESSURE 100 DIFF 5

HEATER VOLTS 480

KW 300

PH 3 HZ 60

Reimers Electra Steam, 4407 Martinsburg, 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. 10

ELEMENT VOLT/KW 480/30

JURISDICTION = VA.

FUEL =ELECTRIC

MAX. W.P. (NAMEPLATE)
MIN. SAFETY VALVE CAP. PPHMAX. W.P. 150 PSIG
MAX. TEMP. 250 DEG F
MIN. SAFETY VALVE CAP. 1,023,600 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 2352 SAT ☒ UNSAT BY 856 DATE 9/11/12 (IAW U.L. 834)

(CORRECTED/RETEST) BY DATE CORRECTIVE ACTION

SAFETY VALVE

CAPACITY 2,075,000
BTU PER HR.OPERATIONAL
TEST ☒

NAMEPLATE: O.P. 100 KW 300 VOLTS 480 PH 3 HZ 60

Representing Reimers Electra Steam, INC. BY(Print) BRAD BUTTS DATE 9/11/12

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)



0023179

0023179

Page: 1

Work Order Traveler

SCHEDULED START: 07/12/12

DUE DATE: 07/16/12

ITEM NUMBER: **HLR300K3F**DESCRIPTION: **BOILER HLR300 480V 3PH 100#**

REVISION: 000

OPTION CODE:

QUANTITY: **1.00**

UNIT OF MEASUREMENT: EACH

MAKE FOR: I/M

PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	02378	AQUASTAT L4008A1015 HW 100-240 <i>BSS 9/11/12</i>	1	02567	THERMOMETER REMOTE MT 2.5"300F
1	02599	AQUASTAT L4008E 1040 HW HI LIM <i>BSS 9/11/12</i>	1	05018	THERMOWELL FOR 05012 STEP CONT
2	02433	AQUASTAT WELL .5"W/CLIP HW	1	03209	VALVE BALL 1.25" 200#SWP
2	02618	BLOCK POWER DISTRIBUTION 3/500	1	03201	VALVE DRAIN COCK .25" NPT
4	03076	BOLT CARRIAGE .375-16X4 UNPLAT	1	02657	VALVE SAFETY .75" 100# HOT WAT <i>BSS 9/11/12</i>
1	01776	BOX 4 X 2.125 X 1.875 STEEL CI	2	20053E	WRAPPER END 28" PAINT & STORE
1	02847	BOX COVER BLANK HANDY STEEL CI	1	20876	WRAPPER HLR 210-510
19	20874-8	BRACKET RHP 120-300; HLR 510 S <i>2 04965</i>			<i>FUSE 400V 2.5A CC</i>
1	01904	BRASS ROD .25" (WELDING ROD)			<i>OPT1010-480R</i>
1	01120	BUSHING 1" X .75" HEX BLACK			<i>probe = 4 3/8 4 3/8</i>
1	02203	CEILING PLATE .375			
1	02205	CEILING PLATE .75" I.P.S. FLAN			
1	02206	CEILING PLATE 1" PIPE SIZE			
12	02244	CONDUIT ALFLEX type SWA 1.25"			
15	02240	CONDUIT ALFLEX type SWA .375"			
6	02246	CONDUIT CONNECTOR .375" 90 DEG			
6	02250	CONDUIT CONNECTOR 1.25" 90 DEG			
2	02258	CONDUIT CONNECTOR 1.25" STRAIG			
1	03445	CONTACTOR 35A 120V 2P UL/CSA <i>BSS 9/11/12</i>			
11	02530	CONTACTOR 50A 120V 3P UL/CSA			
1	03132	CRATE 70W 83L 65H DOMESTIC W/5			
1	20887	ELECTRICAL BOX 48" X 48" X 8"			
1	02630	ELECTRODE FITTING CAST WARRICK			
1	20721-HLR	ELECTRONIC BOILER CONTROL HLR			
10	02609	ELEMENT 480V 30KW 3P SS SHEATH			
1	02125	FUSE 250V 15A UL/CSA			
1	04576	FUSE 250V 6 AMP FRN-R 6 UL/CSA			
3	03471	FUSE 600V 15A UL/CSA			
6	02518	FUSE 600V 50A UL/CSA			
12	04972	FUSE 600V 90A UL/CSA			
4	02620	FUSE BLOCK 600V 100A 3P UL/CSA			
1	02613	FUSE BLOCK 600V 30A 3P UL/CSA			
2	02614	FUSE BLOCK 600V 60A 3P UL/CSA			
1	20071	GAUGE PLATE HLR 24-550			
1	20861	LABEL MAX. TORQUE 10. LB IN /0			
1	20376-F	PANEL INTERNAL (LG) 66" X 48"			
1	02569	PRESSURE GAUGE 2.5" PANEL MOUN			
1	04603	RELAY 1 PDT 120 V			
1	HLR-510	SHELL HLR 510 DWG 20874 COMPLE			
2	04529	STANDOFF HEX 1.5" X .375" FOR			
1	05012	STEP CONTROL 4 STEP HW HLR			
1	05019	STEP CONTROL EXPANSION MODULE			
1	20780	TERMINAL BLOCK 3 POLE 600V 50A			
1	03470	FUSE 250V 3A			