

CRN#

NATBLD#

09629

SERIAL#

71570

OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

MODELHLR45C3F

DIAG.....

WIRE SIZE.....8

HZ....60

VOLTS.....208

CONTROL VOLT.... 120

PHASE...3

TEMP.....

KILOWATTS...45

CAPACITY 153,540 BTU/HR

DAY/MONTH 1 / 8 2012VOLTS 208 AMPS 124.9 TOTAL WATTS 45,000PRESSURE 100 DIFF 5TEST 240 V 139.5A

Reimers Electra Steam, 4407 Martinsburg, Pike

Clear Brook, Va. 22624 PH 540-662-3811 FAX: 540-665-8101

HEATER VOLTS 208KW 45PH 3 HZ 60

STEAM

HOT WATER

APPEARANCE ✓BLOWDOWN MAN ✓ AUTO N/ACONDENSATE TANK N/ACONDENSATE & PIPE, ECT N/ACONTROLS ✓ELEMENT ✓FEED WATER VALVES N/AINSTRUCTION BOOK ✓LEAK INSPECTION N/APAINT ✓PANEL ✓PIPES ✓PRESSURE CONTROLS N/ASHEET METAL ✓STEAM VALVE N/ASTEAM GAUGE N/ASTRANIER N/AWARNING TAGS ✓WATER GAUGE FITTINGS N/AWIRE TERMINALS TIGHT ✓WIRING DIA. ✓ELEMENT QTY. 3ELEMENT VOLT/KW 208/15

JURISDICTION = VA.

FUEL =ELECTRIC

MAX. W.P. _____ (NAMEPLATE)

MIN. SAFETY VALVE CAP. _____ PPH

MAX. W.P. 100 PSIGMAX. TEMP. 250 DEG FMIN. SAFETY VALVE CAP 153,540 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 1200 SAT ✓ UNSAT _____ BY BSS DATE 8/1/12 (IAW U.L. 834)

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

SAFETY VALVE

CAPACITY 2,075,000~~LB~~ PER HR.

BTU

OPERATIONAL

TEST ✓NAMEPLATE: O.P. 100 KW 45 VOLTS 208 PH 3 HZ 60Representing Reimers Electra Steam, INC. BY(Print) BRAD BUTTS DATE 8/1/12Signature Brad ButtsINITIAL & DATE OPERATING CONTROLS, SAFETY CONTROLS, SAFETY VALVE ON REVERSE SIDE UPON COMPLETION OF OPERATIONAL TEST PERFORMANCE
(REF: ASME CSD-1, CG-500)



0023184

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Work Order Traveler

SCHEDULED START: 07/13/12

DUE DATE: 07/17/12

ITEM NUMBER: **HLR45C3F**DESCRIPTION: **BOILER HLR45 208V 3PH 100# SA**

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 <u>BSS 8/1/12</u>	1	05018	THERMOWELL FOR 05012 STEP CONT
1	02599	AQUASTAT L4008E 1040 HW HI LIM <u>BSS 8/1/12</u>	1	03818	TICKET HOLDER FOR SHOP CLEAR F
2	02433	AQUASTAT WELL .5"W/CLIP HW	1	02514	VALVE BALL .75" 200# SWP
1	20878-3	BASE HLR-105 SHELL	1	03201	VALVE DRAIN COCK .25" NPT
1	02616	BLOCK POWER DISTRIBUTION 3-2/0	1	02657	VALVE SAFETY .75" 100# HOT WAT <u>BSS 8/1/12</u>
1	01776	BOX 4 X 2.125 X 1.875 STEEL CI	1	20878-9	WRAPPER END CAP LEFT HLR-105
1	02847	BOX COVER BLANK HANDY STEEL CI	1	20878-10	WRAPPER END RT. SHELL HLR-105
1	01904	BRASS ROD .25" (WELDING ROD)	1	20878-5	WRAPPER HLR-105 SHELL
1	04701	CARTON RB 30W 35L 28.75H SLOT			
2	02849	CHASE NIPPLE 1.25"			
10	02240	CONDUIT ALFLEX type SWA .375"			
6	02246	CONDUIT CONNECTOR .375" 90 DEG			
1	03445	CONTACTOR 35A 120V 2P UL/CSA <u>BSS 8/1/12</u>			
3	02530	CONTACTOR 50A 120V 3P UL/CSA			
1	20878-6	E-BOX SUPPORT PLATE HLR-105			
1	20904	ELECTRICAL BOX HLR15-75			
1	20878-12	ELECTRICAL PANEL HLR 15-75			
1	20721-HLR	ELECTRONIC BOILER CONTROL HLR			
3	04277	ELEMENT 208V 15KW 3PH B-DIM=18			
4	20598	FLANGE BLIND 2.5" SQ. 4 BOLT			
1	02125	FUSE 250V 15A UL/CSA			
2	04574	FUSE 250V 3 AMP UL/CSA			
9	02128	FUSE 250V 50A UL			
3	02140	FUSE BLOCK 250V 30A 1P UL/CSA			
3	02142	FUSE BLOCK 250V 60A 3P UL/CSA			
3	02281	GASKET 2.5" SQUARE .0625 THICK			
1	20071	GAUGE PLATE HLR 24-550			
1	20878	HLR-105 SHEET METAL SET			
1	20861	LABEL MAX. TORQUE 10. LB IN /0			
1	03753	NIPPLE 2" X 6" BLACK EH.			
1	02569	PRESSURE GAUGE 2.5" PANEL MOUN			
2	04603	RELAY 1 PDT 120 V			
1	20878-4	SADDLE HLR-105 BOILER			
1	20878-2	SADDLE HLR-105 LEFT SHELL			
1	20878-1	SADDLE HLR-105 RT. SHELL			
1	HLR-75	SHELL 15-75 WELDED COMPLETE			
1	04700	SKID 30" X 35.5" RB rev3			
2	04529	STANDOFF HEX 1.5" X .375" FOR			
1	05012	STEP CONTROL 4 STEP HW HLR			
1	20878-10	STEP CONTROL MOUNTING PLATE			
1	20780	TERMINAL BLOCK 3 POLE 600V 50A			
90	04080	TERMINAL RING FOR # 8 AWG WIR			
1	02567	THERMOMETER REMOTE MT 2.5"300F			