

CRN#

NATBLD#

67330

SERIAL#

69242

OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

MODELHL90C3F
DIAG.....
WIRE SIZE.....8
HZ.....60
VOLTS.....208
CONTROL VOLT....120.
PHASE...3
PRESSURE.....
KILOWATTS...90
CAPACITY 304,000 BTU/HR

DAY/MONTH 3 / 2 2010
VOLTS 208 AMPS 250 TOTAL WATTS 90,000
PRESSURE 100 DIFF 5

TEST 240 V 289.8A

Reimers Electra Steam, 4407 Matrinsburg, Pike

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

HEATER VOLTS 208KW 90PH 3 HZ 60APPEARANCE ✓BLOWDOWN MAN ✓ AUTO rellyCONDENSATE TANK rellyCONDENSATE & PIPE, ECT rellyCONTROLS ✓ELEMENT ✓FEED WATER VALVES N/AINSTRUCTION BOOK ✓LEAK INSPECTION ✓PAINT ✓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. 5ELEMENT VOLT/KW 2-240/20JURISDICTION = VA. 3-208/20

FUEL = ELECTRIC

STEAM

HOT WATER

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

MAX. W.P. 100 PSIG
MAX. TEMP. 250 DEG F
MIN. SAFETY VALVE CAP 307,090 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 B53 DATE 2/3/10 (IAW U.L. 834)

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

SAFETY VALVE

CAPACITY 2075,000
~~LB~~ PER HR.

BTU
OPERATIONAL
TEST ✓

NAMEPLATE: O.P. 100 KW 90 VOLTS 208 PH 3 HZ 60Representing Reimers Electra Steam, INC. BY(Print) BRAD BUTTS DATE 2/3/10Signature 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)



0016527

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Work Order Traveler

SCHEDULED START: 01/21/10

DUE DATE: 01/25/10

QUANTITY: 1.00

UNIT OF MEASUREMENT: EA

ITEM NUMBER: HL90C3F

DESCRIPTION: BOILER HLR 90KW 208V 3PH 100#

REVISION: 000

OPTION CODE:

MAKE FOR: I/M

PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	02378	AQUASTAT L4008A10015 HW 100-24 <i>BSS 2/3/10</i>	3	02600	ELE. 20KW 208V
1	02599	AQUASTAT L4008E 1040 HW HI LIM <i>BSS 2/3/10</i>	2	02601	ELE 20 KW 240V
2	02433	AQUASTAT WELL .5"W/CLIP HW			
1	02525	AQUASTAT WELL FOR HW T991A			
1	02619	BLOCK POWER DISTR 3-500MCM UL			
1	01776	BOX 4 X 2.125 X 1.875 STEEL CI			
1	02847	BOX COVER BLANK HANDY STEEL CI			
1	20350-23	BRACE HOT WATER BOILERS			
1	01904	BRASS ROD .25" (WELDING ROD)			
1	03089	CARTON 42W 54L 36.75 500# TEST			
1	02203	CEILING PLATE .375			
2	02205	CEILING PLATE .75" I.P.S. FLAN			
1	02206	CEILING PLATE 1" PIPE SIZE			
4	02247	CONDUIT CONNECTOR .5" X 90 DEG			
1	02680	CONTACTOR 25A 24V 3P 8229A-100			
5	02539	CONTACTOR 75A 120V 3P UL/CSA			
1	02234	CRATE 37"W X 76"L X 40"H DOMES			
1	20086B-9	E-BOX 36 X 36 X 6 ELEC PANEL P			
1	20086A	ELECTRICAL BOX 36W 36H 6D			
1	20757	ELECTRICAL PNL ASSY R36-120 LE			
1	02630	ELECTRODE FITTING CAST WARRICK			
1	20721-HLR	ELECTRONIC BOILER CONTROL HLR			
5	02190	ELEMENT 208V 18KW 3P SS SHEATH			
5	02022	FLANGE GASKET 2" RING			
1	02125	FUSE 250V 15A UL/CSA			
1	04574	FUSE 250V 3 AMP UL/CSA			
15	02127	FUSE 250V 60A UL/CSA			
5	02142	FUSE BLOCK 250V 60A 3P UL/CSA			
1	20071	GAUGE PLATE HLR 24-550			
1	20861	LABEL MAX. TORQUE 10. LB IN /O			
1	02832	NIPPLE 2" X 10" BLACK EH			
1	02569	PRESSURE GAUGE 2.5" PANEL MOUN			
1	02526	PROPORTIONAL CONTROL 80-210F			
1	HLR-100	SHELL HLR 90;100 (COMPLETE)			
1	20800	STEP CONTROL 6 STEP			
1	02567	THERMOMETER REMOTE MT 2.5"300F			
1	02376	TRANSFORMER 120/24V 45VA HONEY			
1	02514	VALVE BALL .75" 200# SWP			
1	03201	VALVE DRAIN COCK .25" NPT			
1	02657	VALVE SAFETY .75" 100# HOT WAT <i>BSS 2/3/10</i>			
2	02209SS	WRAPPER END 20" 20103REV.B 16G			
1	20153	WRAPPER HLR 12-108			
1	02618	3/500 mcm PD BLOCK			

cor 65!

PROBE = 6 1/8"