

CRN#

NATBLD#

SERIAL#

70122 72075

OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

MODELHLR105K3E

DIAG.....

WIRE SIZE.....8

HZ....60

VOLTS.....480

CONTROL VOLT....120

PHASE...3

PRESSURE.....

KILOWATTS...105

CAPACITY BTU/HR 358,260

DAY/MONTH 2 / 5 20 13VOLTS 480 AMPS 125.5 TOTAL WATTS 105,000PRESSURE 75 DIFF 5HEATER VOLTS 480KW 105PH 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 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. 7ELEMENT VOLT/KW 480/15

JURISDICTION = VA.

FUEL =ELECTRIC

STEAM

HOT WATER

1AX. W.P. _____ (NAMEPLATE)

1IN. SAFETY VALVE CAP. _____ PPH

MAX. W.P. 100 PSIGMAX. TEMP. 250 DEG FMIN. SAFETY VALVE CAP 358,260 PPH OR BTU
(3412 X KW/~~1000~~)

HYDRO TEST OF COMPLETE BOILER

P.S.I.G. _____ BY _____ DATE _____

LOW WATER CUTOFF ☒ HI WATER CUTOFF ☒

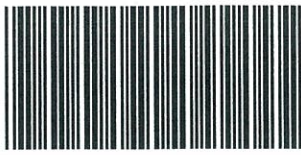
DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 2352 SAT ☒ UNSAT _____ BY BSB DATE 5/2/13 (IAW U.L. 834)

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

SAFETY VALVE

CAPACITY 1,615,000
~~100~~ PER HR.OPERATIONAL
TEST ☒NAMEPLATE: O.P. 75 KW 105 VOLTS 480 PH 3 HZ 60Representing Reimers Electra Steam, INC. BY(Print) BRAD BUTTS DATE 5/2/13Signature Brad ButtsINITIAL & DATE OPERATING CONTROLS, SAFETY CONTROLS, SAFETY VALVE ON REVERSE SIDE UPON COMPLETION OF OPERATIONAL TEST PERFORMANCE
(REF: ASME CSD-1, CG-500)



0025382

Page: 1

Work Order Traveler

SCHEDULED START: 04/17/13

0025382

DUE DATE: 04/19/13

ITEM NUMBER: **HLR105K3E**QUANTITY: **1.00**DESCRIPTION: **BOILER HLR105 480V 3PH 75# SA**

UNIT OF MEASUREMENT: EACH

REVISION: 000

OPTION CODE:

MAKE FOR: I/M

PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	02378	AQUASTAT L4008A1015 HW 100-240	1	02567	THERMOMETER REMOTE MT 2.5"300F
1	02599	AQUASTAT L4008E 1040 HW HI LIM	1	05018	THERMOWELL FOR 05012 STEP CONT
2	02433	AQUASTAT WELL .5"W/CLIP HW	1	03818	TICKET HOLDER FOR SHOP CLEAR F
1	20878-3	BASE HLR-105 SHELL	1	02514	VALVE BALL .75" 200# SWP
1	02618	BLOCK POWER DISTRIBUTION 3/500	1	03201	VALVE DRAIN COCK .25" NPT
1	01776	BOX 4 X 2.125 X 1.875 STEEL CI	1	02641	VALVE SAFETY .75" 75# HOT WATE
1	02847	BOX COVER BLANK HANDY STEEL CI	142	02172	WIRE #10 STRANDED BLACK 600V
1	01904	BRASS ROD .25" (WELDING ROD)	2	02171	WIRE #8 STRANDED (133) BLACK 6
2	02849	CHASE NIPPLE 1.25"	2	20878-9	WRAPPER END CAP LEFT HLR-105
10	02240	CONDUIT ALFLEX type SWA .375"	1	20878-5	WRAPPER HLR-105 SHELL
2	02734	CONDUIT BUSHING 1.25" T&B UL/			
6	02246	CONDUIT CONNECTOR .375" 90 DEG			
7	02530	CONTACTOR 50A 120V 3P UL/CSA			
1	20878-13	COVER PROBE HLR 15-105			
1	02234	CRATE 37"W X 76"L X 40"H DOMES			
1	20878-6	E-BOX SUPPORT PLATE HLR-105			
1	20086B-9	ELEC PANEL PUNCHED FOR E-BOX 3			
1	20086A	ELECTRICAL BOX 36W 36H 6D			
1	02630	ELECTRODE FITTING CAST WARRICK			
1	20721-HLR	ELECTRONIC BOILER CONTROL HLR			
1	20598	FLANGE BLIND 2.5" SQ. 4 BOLT			
1	02125	FUSE 250V 15A UL/CSA			
1	04574	FUSE 250V 3 AMP UL/CSA			
1	04576	FUSE 250V 6 AMP FRN-R-6 UL/CSA			
15	02134	FUSE 600V 30A UL/CSA			
3	02518	FUSE 600V 50A UL/CSA			
3	02140	FUSE BLOCK 250V 30A 1P UL/CSA			
5	02613	FUSE BLOCK 600V 30A 3P UL/CSA			
1	02614	FUSE BLOCK 600V 60A 3P UL/CSA			
1	20071	GAUGE PLATE HLR 24-550			
1	20861	LABEL MAX. TORQUE 10. LB IN /0			
2	03753	NIPPLE 2" X 6" BLACK EH.SA106			
1	02569	PRESSURE GAUGE 2.5" PANEL MOUN			
1	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-105	SHELL 15-105 WELDED COMPLETE			
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			
7	04666	ELE. 480V 15 KW.			