

CRN#

NATBLD# 60784

SERIAL# 62620

## OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

MODEL .....HMH25E1B  
DIAG.....  
WIRE SIZE.....8  
HZ.....60  
VOLTS.....240  
CONTROL VOLT....120.  
PHASE...1  
PRESSURE.....  
KILOWATTS...25  
CAPACITY 84,447 BTU/HR

DAY/MONTH 16 / 11 2004

VOLTS 240 AMPS 104.5 TOTAL WATTS 25 KW

PRESSURE 30 DIFF 10

HEATER VOLTS 240

KW 25

PH 1 HZ 60

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

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. 5

ELEMENT VOLT/KW 240V - 25KW

JURISDICTION = VA.

FUEL = ELECTRIC

STEAM

HOT WATER

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

MAX. W.P. 30 PSIG  
MAX. TEMP. 150 DEG F  
MIN. SAFETY VALVE CAP 85,300 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 150 DATE 11-15-04 (IAW U.L. 834)

(CORRECTED/RETEST) \_\_\_\_\_ BY \_\_\_\_\_ DATE \_\_\_\_\_ CORRECTIVE ACTION \_\_\_\_\_

## SAFETY VALVE

CAPACITY 550,000  
GAL PER HR. 870

OPERATIONAL  
TEST ☒

NAMEPLATE: O.P. 30 KW 25 VOLTS 240 PH 1 HZ 60

Representing Reimers Electra Steam, INC. BY (Print) D Burke G BURKE DATE 11-16-04

Signature D Burke

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



0004693

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## Work Order Traveler

SCHEDULED START: 07/21/04

DUE DATE: 07/22/04

QUANTITY: 1.00

UNIT OF MEASUREMENT: EA

ITEM NUMBER: **HMH25E1B**  
DESCRIPTION: **BOILER HMR 25KW 240V 1PH 30# S**  
REVISION: 000  
OPTION CODE:

MAKE FOR: I/M  
PLANNER:

62620

| STEP | QTY | PART   | DESCRIPTION                               | STEP | QTY | PART | DESCRIPTION |
|------|-----|--------|-------------------------------------------|------|-----|------|-------------|
| 0010 | 1   | 01095  | ELBOW .75" X 90 DEG. BLACK                |      |     |      |             |
| 0010 | 1   | 01128  | BUSHING .5X.25 HEX BLACK                  |      |     |      |             |
| 0010 | 1   | 01147  | PIPE PLUG .5" SQUARE HEAD FRGD            |      |     |      |             |
| 0010 | 1   | 02125  | FUSE 250V 15A UL/CSA                      |      |     |      |             |
| 0010 | 4   | 02128  | FUSE 250V 50A UL/CSA                      |      |     |      |             |
| 0010 | 2   | 02139A | LIGHT 120V RED OMNI GLOW                  |      |     |      |             |
| 0010 | 1   | 02140  | <del>FUSE BLOCK 250V 30A 1P UL/CSA</del>  |      |     |      |             |
| 0010 | 2   | 02142  | FUSE BLOCK 250V 60A 3P UL/CS              |      |     |      |             |
| 0010 | 1   | 02150  | <del>FUSE BLOCK 250V 30A 2P UL/CSA</del>  |      |     |      |             |
| 0010 | 1   | 02205  | CEILING PLATE .75" I.P.S. FLAN            |      |     |      |             |
| 0010 | 1   | 02376  | TRANSFORMER 120/24V 45VA HONEY            |      |     |      |             |
| 0010 | 1   | 02384  | VALVE SAFETY .75" 30# HOTWATER            |      |     |      |             |
| 0010 | 1   | 02385  | TRI-O-METER 3.5" 0-200 PSI 100            |      |     |      |             |
| 0010 | 5   | 02422  | ELEMENT 240V 5KW B DIM 19" MAX            |      |     |      |             |
| 0010 | 1   | 02426  | EXTROL 110P FILL TROL PKG 1.25            |      |     |      |             |
| 0010 | 1   | 02429  | PUMP CIRCULATOR 1.25" LESS FLA            |      |     |      |             |
| 0010 | 1   | 02432  | AQUASTAT L6008A1010 HW 100-240            |      |     |      |             |
| 0010 | 2   | 02433  | AQUASTAT WELL .5"W/CLIP HW                |      |     |      |             |
| 0010 | 1   | 02445  | SWITCH CH SINGLE POLE DOUBLE T            |      |     |      |             |
| 0010 | 2   | 02454  | FUSE 250V 30A UL/CSA                      |      |     |      |             |
| 0010 | 1   | 02514  | VALVE BALL .75" 200# SWP                  |      |     |      |             |
| 0010 | 1   | 02530  | CONTACTOR 50A 120V 3P UL/CSA              |      |     |      |             |
| 0010 | 1   | 02599  | AQUASTAT L4008E 1040 HW HI LIM            |      |     |      |             |
| 0010 | 1   | 02616  | BLOCK POWER DISTRIBUTION 3-2/0            |      |     |      |             |
| 0010 | 1   | 02680  | CONTACTOR 25A 24V 3P 8229A-100            |      |     |      |             |
| 0010 | 1   | 02681  | CONTACTOR 48A 24V 2P R8246A UL            |      |     |      |             |
| 0010 | 2   | 02799  | NIPPLE .75" X 2" BLACK EH ASTM            |      |     |      |             |
| 0010 | 1   | 02806  | NIPPLE .75"X6" BLACK EXTRA HEA            |      |     |      |             |
| 0010 | 1   | 02820  | NIPPLE 1.25X4 BLACK EXHEAVY               |      |     |      |             |
| 0010 | 2   | 02992  | CEILING PLATE 1.25" O.D. FLANG            |      |     |      |             |
| 0010 | 1   | 03029  | TEE 1.25"X.5"X1.25" BLACK MALL            |      |     |      |             |
| 0010 | 1   | 03088  | CARTON 35.5"WX48"LX31"H TYPE R            |      |     |      |             |
| 0010 | 2   | 04421  | FLANGE 1.25" FOR SERIES 100 B&            |      |     |      |             |
| 0010 | 1   | 20083A | <del>ELECTRICAL BOX 22W 24H 4D (SS)</del> |      |     |      |             |
| 0010 | 1   | 20160  | CABINET COMPLETE HMR                      |      |     |      |             |
| 0010 | 1   | HMR-25 | SHELL HMR 22;25 (COMPLETE)                |      |     |      |             |
|      | 1   | 20084  | 24"x28" ELRC. BOX                         |      |     |      |             |
|      | 1   | 02588  | 250V 30A 3P FUSE BLOCK                    |      |     |      |             |