FORM HLW-6 MANUFACTURER'S DATA REPORT FOR WATER HEATERS OR STORAGE TANKS
As Required by the Provisions of the ASME Code Rules

1. Manufactured and certified by **Lochinvar Corporation, 300 Maddox Simpson Parkway, Lebanon, Tennessee, 37087**
(name and address of manufacturer)

2. Manufactured for **(STOCK)**
(name and address of purchaser)

3. Location of Installation **NOT - KNOWN**
(name and address)

4. Identification **04167568-04167569** (manufacturer's serial no.) | (CRN) | **HEX 4501** (drawing no.) | **167568-167569** (National Board no.) | **2004** (year built)

5. The chemical and physical properties of all parts meet the requirements of material specifications of the ASME BOILER AND PRESSURE VESSEL CODE. The design, construction, and workmanship conform to Part HLW, Section IV **2001** (year) | **2003** [addenda (as applicable) (date)] | **2329** (Code Case no.)

6. Shell **N/A** (no.) | **N/A** (material spec., gr.) | **N/A** (thickness (in.)) | **GLASS** (lining) | **0"ID** (dia. (in.)) | **0' 0."** (length (ft. & in.) (overall))

7. Joints [long. (seamless, welded)] | [eff. (compared to seamless)] | [girth (seamless, welded)] | (no. of shell courses)

8. Heads

Location	Material Spec., Gr., Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Hemispherical Radius	Flat Diameter	Side Pressure (concave, convex)
ENDS	**SA278-30 .500**	**N/A**			**N/A**	**FLAT**	
ENDS	**SA278-30 .500**	**N/A**			**N/A**	**FLAT**	

9. Tubesheet: **SA278-30** (material spec., gr.) Tubes **12** (no.) | **1"** (size (in.)) | **4' 3.625"** (length (ft. & in.) (overall)) | **SB 359** (mat'l spec., gr.) | **.065** (thickness (in.)) | **ROLLED** (rolled or welded)

10. Nozzles, inspection, and safety valve openings:

Purpose (inlet, outlet, drain, etc.)	No.	Diameter or Size	Type	How Attached	Material	Nominal Thickness	Reinforcement Material	Location
Handhole up to 3" x 4"	**N/A**	**N/A**	**NA**	**N/A**	**NA**	**N/A**	**NA**	**N/A**
INLET	**1**	**2 1/2"**	**NPT**	**CAST**	**SA278-30**	**N/A**	**N/A**	**Head**
OUTLET	**1**	**2 1/2"**	**NPT**	**CAST**	**SA278-30**	**N/A**	**N/A**	**Head**
DRAIN	**23**	**3/4"**	**NPT**	**CAST**	**SA278-30**	**N/A**	**N/A**	**Head**
PROBE	**3**	**3/4"**	**NPT**	**CAST**	**SA278-30**	**N/A**	**N/A**	**Head**
PROBE	**1**	**1"**	**NPT**	**CAST**	**SA278-30**	**N/A**	**N/A**	**Head**
RELIEF VALVE	**2**	**3/4"**	**NPT**	**CAST**	**SA278-30**	**N/A**	**N/A**	**Head**

11. MAWP **160** (psi) | Max. input **1,260,000 BTU** (BTU/hr or kW) | Max. temp. **210** (ºF) | Hydrostatic test **170** (psi)

12. Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items for this report

N/A
(name of part, item no., manufacturer's name, identification stamps)

13. Remarks

CONSTRUCTED UNDER THE PROVISIONS OF HG-515.4(b)

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this data report are correct and that all details of design, material, construction, and workmanship of this water heater or storage tank conform to Section IV of the ASME BOILER AND PRESSURE VESSEL CODE.

"HLW" Certificate of Authorization no. **16836** expiration date: **7/27/2005** .

Date **8/19/2004** Name **Lochinvar Corporation** (manufacturer that constructed and certified water heater or storage tank) Signed _____ (by representative)

CERTIFICATE OF SHOP INSPECTION

Constructed by Lochinvar Corporation at 300 Maddox Simpson Parkway, Lebanon, Tennessee, 37087

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the state or province of **TN** and employed by **OneBeacon America Insurance Co. of Boston, MA** have inspected parts referred to as data items **6,8,9,10,11** and have examined Manufacturer's Partial Data Report for items _____ and state that, to the best of my knowledge and belief, the manufacturer has constructed the water heater or storage tank in accordance with Section IV of the ASME BOILER AND PRESSURE VESSEL CODE.

By signing this certificate, neither this Inspector, nor his employer, makes any warranty, expressed or implied, concerning the water heater or storage tank described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 8/20/2004 Signed _____ (Authorized Inspector) Commissions 8909A, TN2370 [National Bd (incl. endorsements), state, province, and no.]