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

6. Shell N/A N/A N/A GLASS 0"ID 0' 0."  (no.) (material spec., gr.) (thickness (in.)) (lining) (dia. (in.)) (length (ft. & in.) (over 7. Joints  [long. (seamless, welded)] [eff. (compared to seamless)] [girth (seamless, welded)] (no. of shell cour 8. Heads  Location Material Spec., Gr., Thickness Crown Radius Knuckle Radius Elliptical Ratio Hemispherical Radius Flat Diameter Side Pressu	Manufactured and ce	rtified b	y Locilliva	Corporation	on, 300 Maddo	•		ress of manu		163366, 3706	) <i>i</i>	
3. Location of Installation     NOT - KNOWN	2. Manufactured for (S	тоск	)									
A. Identification						(name and add	lress of	f purchaser)				
4. Identification	3. Location of Installation	n <b>NO</b> 1	r - KNOWN			/n.o.n		addraaa\				
(manufacturer's serial no.) (CRN) (drawing no.) (National Board no.) (year but of the ASME BOILER AND PRESSURE VESSEL CODE. The design, construction, and workmanship conform to Part HLW, Section IV 2001 2003 2329 (year) [addenda (as applicable)] (Code Case no. 6. Shell N/A N/A N/A N/A GLASS 0"ID (Code Case no. 6. Shell N/A N/A N/A N/A GLASS 0"ID (Gength (ft. & in.)) (war) (dinking) (did. (in.)) (length (ft. & in.)) (over no. 1 (dinking)) (did. (in.)) (length (ft. & in.)) (over no. 1 (dinking)) (did. (in.)) (length (ft. & in.)) (over no. 1 (dinking)) (did. (in.)) (length (ft. & in.)) (over no. 1 (dinking)) (did. (in.)) (length (ft. & in.)) (over no. 1 (dinking)) (did. (in.)) (length (ft. & in.)) (over no. 1 (dinking)) (did. (in.)) (length (ft. & in.)) (over no. 1 (dinking)) (did. (in.)) (length (ft. & in.)) (over no. 1 (dinking)) (did. (in.)) (length (ft. & in.)) (over no. 1 (dinking)) (did. (in.)) (length (ft. & in.)) (over no. 1 (did. (in.)) (length (ft. & in.)) (over no. 1 (did. (in.)) (length (ft. & in.)) (over no. 1 (did. (in.)) (did. (in.)) (length (ft. & in.)) (over no. 1 (did. (in.)) (length (ft. & in.)) (over no. 1 (did. (in.)) (did. (i						(nan		,				
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 2003 2329 (vear) [addenda (as applicable) (date)] (Code Case no. 10 (vear) [addenda (as applicable) (date)] (Code Case no. 10 (vear) [vear) [addenda (as applicable) (date)] (date)] (date)] (date)] (date)	4. Identification				(CRI	VI)						
CODE. The design, construction, and workmanship conform to Part HLW, Section IV (year) [addenda (as applicable) (date)] (Code Case no. [4.6. Shell   N/A	5 The chemical and r	•		•	•	,			ne ASME	`	,	· ·
Reserve									io / tolvie		) I KEOOO	
(no.) (material spec., gr.) (thickness (in.)) (lining) (dia. (in.)) (length (ft. & in.) (over the context of th							_		[addend		e) (date)] -	(Code Case no.)
(no.) (material spec., gr.) (thickness (in.)) (lining) (dia. (in.)) (length (ft. & in.) (over the context of th	c Chall						_					
Ref. (compared to seamless)  [girth (seamless, welded)] (no. of shell countries)	14/74			ec., ar.)		in.))					(lei	
[long. (seamless, welded)] [eff. (compared to seamless)] [girth (seamless, welded)] (no. of shell count of shel	* *		(	, , ,	(, , , , , , , , , , , , , , , , , , ,	,,	,	3/		(*** (***//	( -	3. (* ) ( )
Location   Material Spec., Gr., Thickness   Crown Radius   Knuckle Radius   Elliptical Ratio   Hemispherical Radius   Flat Diameter   Side Press. (concave, con		ong. (sea	amless, welded)]		[eff. (compared	to seamless)]		[gi	rth (seamle	ess, welded)]		(no. of shell cours
ENDS SA278-30 .500 N/A N/A FLAT  ENDS SA278-30 .500 N/A N/A FLAT  9. Tubesheet: SA278-30 Tubes 12 1" 4' 3.625" SB 359 .065 ROLLE (material spec., gr.) (material spec., gr.) (rolled or we determine the spec.) (mo.) (size (in.)) (length (ft. & in.) (overall)) (material spec., gr.) (thickness (in.)) (rolled or we determine the spec.) (mo.) No. Diameter or Size Type How Attached Material Thickness Reinforcement Material Location Handhole up to 3" x 4" N/A	8. Heads											
ENDS SA278-30 .500 N/A N/A FLAT  ENDS SA278-30 .500 N/A N/A FLAT  9. Tubesheet: SA278-30 Tubes 12 1" 4'3.625" SB 359 .065 ROLLE (matrial spec., gr.) Tubes 12 1" 4'3.625" SB 359 .065 ROLLE (mo.) (size (in.)) (length (ft. & in.) (overall)) (matri spec., gr.) (thickness (in.)) (rolled or we note that the spec.) (mo.) Nozzles, inspection, and safety valve openings:  10. Nozzles, inspection, and safety valve openings:  11. Nominal Thickness Reinforcement Material Location Nominal Thickness Reinforcement Material Thickness Reinforcement Material Location Nominal Thickness Reinforcement Nominal	Location	Materia	l Spec Gr Thi	ckness	Crown Radius	Knuckle Ra	dius	Elliptical Ra	io Hemisi	oherical Radius	Flat Diame	ter Side Pressure
ENDS SA278-30 .500 N/A N/A FLAT  9. Tubesheet: SA278-30 Tubes 12 1" 4' 3.625" SB 359 .065 ROLLE (material spec., gr.) (size (in.)) (length (ft. & in.) (overall)) (mat'l spec., gr.) (thickness (in.)) (rolled or we defined to the first of the following state of the first of the f												(concave, conv
9. Tubesheet: SA278-30 Tubes 12 1" 4' 3.625" SB 359 .065 ROLLE (no.) (size (in.)) (length (ft. & in.) (overall)) (matrial spec., gr.) (thickness (in.)) (rolled or we define the context of the context o	ENDS	SA2	78-30	.500	N/A					N/A	FLAT	
(material spec., gr.) (no.) (size (in.)) (length (ft. & in.) (overall)) (mat'l spec., gr.) (thickness (in.)) (rolled or we not specified as in the context of the context o	ENDS	SA2	78-30	.500	N/A					N/A	FLAT	
(material spec., gr.) (no.) (size (in.)) (length (ft. & in.) (overall)) (mat'l spec., gr.) (thickness (in.)) (rolled or we not specified as in the context of the context o	9 Tuhesheet	SA 278_	<b>30</b> Tubes	. 12	1"		' 3 62	5"	QF	2 250	065	POLLEI
Type								_				
Type	10 Nozzlos inspection	and ca	foty valvo ono	ninge:								
Thickness   Reinforcement Material   Thickness   Reinforcement Material   Thickness   Reinforcement Material   Location	To. Nozzies, inspection	anu sa							Naminal			
Handhole up to 3" x 4"	urpose (inlet, outlet, drain,	etc.) No		Туре	How A	Attached	Ma	aterial		Reinforceme	ent Material	Location
DUTLET 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 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 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 Hydrostatic test 170 (psi)	landhole up to 3" x 4"	N/A		NA	N/A	N	IA	1		NA		N/A
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         Max. input         1,260,000 BTU (BTU/hr or kW)         Max. temp.         210         Hydrostatic test         170 (psi)	NLET	1	2 1/2"	NPT	CAST	8	A278-	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         Max. input (BTU/hr or kW)         Max. temp.         210         Hydrostatic test         170           (psi)         (psi)         (psi)         (psi)         (psi)	DUTLET	1	2 1/2"	NPT	CAST	S	A278-	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 (BTU/hr or kW)         Max. temp.         210 (Psi)         Hydrostatic test         170 (psi)	DRAIN	23	3/4"	NPT	CAST	S	A278-	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 (psi)         Hydrostatic test         170 (psi)		3		NPT			A278-	30	N/A	N/A		Head
11. MAWP 160 Max. input 1,260,000 BTU Max. temp. 210 Hydrostatic test 170 (psi) (psi)												Head
(psi) (BTU/hr or kW) (°F) (psi)	RELIEF VALVE	2	3/4"	NPT	CAST	S	A278-	30	N/A	N/A		Head
(psi) (BTU/hr or kW) (°F) (psi)		_										
			_ Max. input			Max. temp.				Hydrostati	c test	
12. Manufacturer's Partial Data Reports properly Identified and signed by Commissioned Inspectors have been furnished for the following items for this report	4 -	,		,	- /			( - )	fallanda a te			(p3i)
N/A		на керог	ts properly identif	ied and signed i	by Commissioned in	spectors have b	een turi	nisned for the	tollowing ite	ems for this repo	π	
(name of part, item no., manufacturer's name, identification stamps)				(	,,		٠, ١٠		1 7			

PKEY 277085 exe: v6.1.25 HLW6-3 NB-30 Rev 3

**CONSTRUCTED UNDER THE PROVISIONS OF HG-515.4(b)** 

NB Number 167568-167569

## HLW-6 (BACK)

		CERTIFICATE OF data report are correct and tha ction IV of the ASME BOILER A		n, material, constructi	on, and workmanship of this
"HLW" Certificate of	of Authorization no.	16836 expiration da	ite: 7/27/2	2005 .	
Date 8/19/2004	Name	Lochinvar Corporat		Signed	Ostin Fife
	(manufact	urer that constructed and certified wa	er heater or storage tan	k)	(by representative)
		CERTIFICATE OF			
Constructed by		chinvar Corporation			Lebanon, Tennessee, 37087
		ued by the National Board of Boiler a		ectors and/or the state or parts referred to as data it	
and employed by Or					
and have examined N	est of my knowledge and belief,				
the manufacturer has	constructed the water heate	er or storage tank in accordance with S	Section IV of the ASME	BOILER AND PRESSURE	E VESSEL CODE.
Manufacturer's Data F		or his employer, makes any warranty r the Inspector nor his employer shall ı.			
Date 8/20/20	04 Signed	seus bester	Commissions	890	09A, TN2370
		(Authorized Inspector)			rsements), state, province, and no.]

PKEY **277085** exe: v6.1.25 HLW6-3 NB-30 Rev 3