

**FORM HLW-6 MANUFACTURER'S DATA REPORT FOR
WATER HEATERS OR STORAGE TANKS**

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As Required by the Provisions of the ASME Code Rules

1. Manufactured and certified by AIC SA, Rdestowa 41, Gdynia, 81-577, Poland
(name and address of manufacturer)

2. Manufactured for PVI INDUSTRIES LLC, 3209 Galvez Avenue, P.O.Box 7124, Fort Worth, TX 76111
(name and address of purchaser)

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

4. Identification 19.WHTX.188.0650 to
19.WHTX.188.0654 8526.7C AICP192900-04 111262-111266 2019
(manufacturer's serial no.) (CRN) (drawing no.) (National Board no.) (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
2017 N/A REM.1
(year) [addenda (as applicable) (date)] (Code Case no.)

6. Shell 1 SA-240 S32101 0.0984" N/A 27.559" OD 55.236"
(no.) (material spec., gr.) (thickness) (lining) (diameter) [length(overall)]

7. Joints WELDED 85% WELDED 1
[long. (seamless, welded)] [eff. (compared to seamless)] [girth (seamless, welded)] (no. of shell courses)

8. Heads TORISPHERICAL

Location	Material Spec., Gr., Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Flat Diameter	Side Pressure (concave, convex)
TOP	SA-240 S32101	25.000"	1.732		27.559"	Concave
BOTTOM	SA-240 S32101	25.000"	1.732		27.559"	Concave

9. Tubesheet SA-240 S32101 Tubes 37 0.984 in 137.795" SA-789 S32101 0.039 in WELDED
(material spec., gr.) (no.) (size) [length(overall)] (mat'l spec., gr.) (thickness) (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			N/A		N/A		N/A	
Water Inlet	1	2"FNPT	THREADED	Welded	SA-479 316L	0.196"	N/A	BOTTOM SHELL
Water Outlet	1	2"FNPT	THREADED	Welded	SA-479 316L	0.256"	N/A	UPPER HEAD
Drain	1	1"FNPT	THREADED	Welded	SA-479 316L	0.183"	N/A	BOTTOM SHELL
Relief Valve	1	1"FNPT	THREADED	Welded	SA-479 316L	0.183"	N/A	UPPER SHELL
Recirc Fitting	1	1"FNPT	THREADED	Welded	SA-479 316L	0.183"	N/A	MIDDLE SHELL
Temp. Sensors	2	2.250"	Studded	Welded	SA-193 304L		N/A	SEE REM 2.
Pump Connection	1	3.500"	Studded	Welded	SA-193 304L		N/A	UPPER HEAD

11. MAWP 150 psi Max. input 999000 BTU/HR Max. temp. 210 °F Hydrostatic test 225 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

REM 1-ONE CODE CASE USED IN THE CONSTRUCTION NO.2620;
REM 2-1)LOWER TEMP.SENSOR-MIDDLE SHELL; 2)UPPER TEMP.SENSOR-UPPER HEAD;
REM 3-REV.04 CHANGES HAVE NO IMPACT ON THE CONSTRUCTION.THE SAME CRN NUMBER AS FOR REV.01 CAN BE
USED;
REM 4-DRAIN VALVE SHALL BE PROVIDED IN ACCORDANCE WITH HLW-810;
REM 5-RELIEF VALVE SHALL BE PROVIDED IN ACCORDANCE WITH HLW-800,HLW-801;
REM 6-WATER HEATER IS SUPPLIED WITHOUT ANY ADDITIONAL INSTRUMENTS AND CONTROLS WHICH ARE REQUIRED
ACC.TO ASME SEC.IV PART HLW ARTICLE 7.8.ALL OF THEM SHALL BE PROVIDED AND INSTALLED BY CUSTOMER
PRIOR TO THE OPERATION;
REM 7-CONSTRUCTED UNDER THE PROVISIONS OF HG-515.4(b).

HLW-6Manufactured by **AIC SA, Rdestowa 41, Gdynia, 81-577, Poland**Mfr's Serial No. **19.WHTX.188.0650 to 19.WHTX.188.0654**National Board No. **111262-111266****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. **33908** expiration date **4/2/2021**Date **8/1/2019** Name **AIC SA**
(manufacturer that constructed and certified water heater or storage tank)Signed **Badziagowski**
(by representative)**CERTIFICATE OF SHOP INSPECTION**Constructed by **AIC SA** at **Rdestowa 41, Gdynia, 81-577, Poland**I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and employed by **TUV Rheinland AIA Services, LLC**have inspected parts referred to as data items **6,7,8,9,10**

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 **8/5/2019**Signed **RADZEMSKI**
(Authorized Inspector)Commission **14520**
(National Board Authorized Inspector Commission Number)