

135802

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

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1. Manufactured and certified by SERMETA - Aéroport centre - 29600 Morlaix - FRANCE
(name and address of manufacturer)
2. Manufactured for AOSL CORP - NASHVILLE - DOCK DOORS 34/35/36 - 300 MADDOX SIMPSON PARKWAY - TN 37090 LEBANON - USA
(name and address of purchaser)
3. Location of installation Unknown
(name and address)
4. Identification D1.16.08.00043 to
D1.16.08.00098 R1384.5C 34553-03 373767 to 373822 2016
(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 conforms to Part HLW, Section IV, 2015 2571-1, 2529, 2568 & 2656
(Year) (addenda (as applicable) (date)) (Code Case no.)
6. Shell NA NA NA NA NA 26,77"
(no.) (material spec., gr.) thickness (lining) (diameter) (height (overwall))
7. Joints 1 welded 0,7 NA 1
(long. (seamless, welded)) (eff. (compared to seamless)) (girth (seamless, welded)) (no. of shell courses)
8. Heads: Rectangular: 3,46"x2,38" / 3,46"x2,05" 2 differents Headers

Location	Material Spec., Gr., Thickness	Crown radius	Knuckle radius	Elliptical Ratio	Flat Diameter	Side Pressure (concave, convex)
Right side	SA-240 316L, 0.118"	NA	NA	NA	NA	concave
Left side	SA-240 316L, 0.118"	NA	NA	NA	NA	concave

9. Tubesheet SA-240 316L Tubes 28 Diam 0,71" 3196,844 SA-249 TP316L 0,04" expanded welded
(material spec., gr.) (no.) (size) (length (overall)) (material 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
inlet*	1	2" male	Welded	Fig HLW-431.1 ©	SA-479 316L	0.203"	None	Header
outlet*	1	2" male	Welded	Fig HLW-431.1 ©	SA-479 316L	0.203"	None	Header
*inspection/safety valve connection/drain								

11. MAWP 160 PSI Max. input 600000 BTU/hr Max., temp. 210 °F Hydrostatic test 240 PSI

12. Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of this report _____
(name of part, item no., manufacturer's name, and identification stamps)

13. Remarks The safety valves, instruments and controls are not in the scope of SERMETA. The MAWP is established by a Proof Test dated March 10, 2015 Generic drawing : 48822-01
Constructed under the provisions of HG-515.4 (b).
The following items a) to e) required in the code case N°2568 are not in the scope of SERMETA and are to be provided by the end manufacturer.

The shell is composed by a tube bundle of 28 coils (see 9)

(07/15)

Manufactured by SERMETA - Aéroport centre - 29600 Morlaix - FRANCEMfr's Serial No. D1.16.08.00043 to D1.16.08.00098National Board No. 373767 to 373822

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. 36,298 expiration date December 27, 2018

Date 01/03/2016

Name

SERMETA

Signed

D. PICARD

(manufacturer that constructed and certified water heater or storage tank)

(by representative)

CERTIFICATE OF SHOP INSPECTION

Constructed by SERMETA

at

Morlaix

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and employed by

OneCIS Insurance Company of Lynn

have inspected parts referred to as data items

6, 7, 8, 9, 10, 11, 12 & 13

and have examined Manufacturer's Partial Data Reports for items

none

and state that, to the best of my knowledge and belief, the manufacturer has constructed this water heater or storage tank in accordance with Section IV of the ASME BOILER AND PRESSURE VESSEL CODE.

By signing this certificate, neither the 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 March, 1st 2016

Signed

Sylvain Rousseau

(Authorized Inspector)

Commissions

NB 12844 "A"

(National Board commission number and endorsement)