

As Required by the Provisions of the ASME Code Rules

1. Manufactured and certified by Hayward Industries, Inc., 2935 Sidco Drive, Nashville, Tennessee, 37204  
(name and address of manufacturer)

2. Manufactured for Stock  
(name and address of purchaser)

3. Location of Installation Stock  
(name and address)

4. Identification 21131602105651001 to 21131602105666001 (manufacturer's serial no.) N/A (CRN) 2902586801 Rev M (drawing no.) 3679-3694 (National Board no.) 2016 (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 2013 (year) N/A [addenda (as applicable) (date)] 2768 (Code Case no.)

6. Shell 1 (no.) SB-584 (C90300) (material spec., gr.) .300 (thickness) None (lining) 2.88" ID (diameter) 0' 14.96" [length(overall)]

7. Joints Seamless "Casting" [long. (seamless, welded)] 80% [eff. (compared to seamless)] Seamless "Casting" [girth (seamless, welded)] 1 (no. of shell courses)

8. Heads Flat

| Location   | Material Spec., Gr., Thickness | Crown Radius | Knuckle Radius | Elliptical Ratio | Flat Diameter | Side Pressure (concave, convex) |
|------------|--------------------------------|--------------|----------------|------------------|---------------|---------------------------------|
| <b>END</b> | <b>SB-584 (C90300) .250"</b>   | <b>N/A</b>   |                |                  | <b>4.75"</b>  |                                 |

9. Tubesheet SA-240 T304 Tubes 4 (no.) .750 in (size) 5' 8.717" [length(overall)] SB-543 (C70600) (mat'l spec., gr.) .049 in (thickness) Both (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                    |          |
| Inlet/Outlet Port                    | 2   | 2.40             | Flanged     | Cast         | SB584/C90300 | .300              |                        | Shell    |
| Drain Valve Port                     | 1   | 3/4"NPT          | Female Thrd | Machined     |              | Thrd Opening      |                        | Shell    |
| Pressure Relief Valve                | 1   | 3/4"NPT          | Female Thrd | Machined     |              | Thrd Opening      |                        | Shell    |
| Temp Sensor Ports                    | 2   | 1/4"NPT          | Female Thrd | Machined     |              | Thrd Opening      |                        | Shell    |
| Pressure Sensor Port                 | 1   | 1/8"NPT          | Female Thrd | Machined     |              | Thrd Opening      |                        | Shell    |
| Thermistor Temp Sensor Port          | 1   | 3/8"NPT          | Female Thrd | Machined     |              | Thrd Opening      |                        | Shell    |

11. MAWP 125 psi Max. input 500,000 BTU Max. temp. 140 °F Hydrostatic test 188 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  
Cast header is also called the shell as referred to in section 6,7, and 10 above. 3/4" and below ports are drilled and tapped openings in shell casting.

Manufactured by Hayward Industries, Inc., 2935 Sidco Drive, Nashville, Tennessee, 37204

Mfr's Serial No. 21131602105651001 to 21131602105666001

National Board No. 3679-3694

**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. 40380 expiration date 2/16/2017

Date 2/26/2016 Name Hayward Industries, Inc.  
(manufacturer that constructed and certified water heater or storage tank)

Signed *Rory Hall*  
(by representative)

**CERTIFICATE OF SHOP INSPECTION**

Constructed by Hayward Industries, Inc. at 2935 Sidco Drive, Nashville, Tennessee, 37204

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut

have inspected parts referred to as data items 6 thru 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 2/29/2016 Signed *William R. Foster*  
(Authorized Inspector)

Commission 15227A  
(National Board commission number and endorsement)