

**FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS**  
**(Alternative Form for Single Chamber, Completely Shop-Fabricated Vessels Only)**  
**As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1**

1. Manufactured and certified by **TAYLOR-WHARTON, 4075 HAMILTON BLVD., THEODORE, AL. 36590-0568**  
(Name and address of manufacturer)

2. Manufactured for **N/A**  
(Name and address of purchaser)

3. Location of installation **NOT KNOWN; BUILT FOR STOCK**  
(Name and address)

4. Type **VERTICAL TANK DM900 B1529 N/A D2200916J 24215 1995**  
(Horiz. or vert. tank) (Mfg's serial No.) (CRN) (Drawing No.) (Nat'l Bd. 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 ASME Rules, Section VIII, Division 1. **1992**  
Year

to **1994** **N/A** **LOW TEMPERATURE UHT-6.**  
Addenda (Date) Code Case Nos. Special Service per UG-120(d)

6. Shell: **SA553 GR. 1 .274" 0" 3'11.44" 8'10"**  
Matl. (Spec No. Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)

7. Seams: **TYPE 1 FULL 100% N/A N/A TYPE 2 FULL 1**  
Long. (Welded Dbl. Sngl. Lap. Butt) R.T. (Spot or Full) Eff. (%) H.T. Temp. (F) Time (hr) Girth (Welded Dbl. Sngl. Lap. Butt) R.T. (Spot, Partial or Full) No. of Courses

8. Heads: (a) Matl. **SA353** (b) Matl. **N/A**  
(Spec No. Grade) (Spec No. Grade)

	Location (Top, Bottom, Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a)	TOP&BOT.	.258"	0"	N/A	N/A	2:1	N/A	N/A	N/A	CONCAVE
(b)	N/A									

If removable, bolts used (describe other fastenings) **N/A**  
(Matl. Spec No. Or Size No.)

9. MAWP **250** psi at max. temp. **+100** psi  
 Min. design metal temp. **-320** °F. at **250** psi Hydro. pneu. or comb. test pressure **HYDRO 408** psi

10. Nozzles, inspection and safety valve openings

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
INLET/OUTLET	3	1.00"	w.e.	SA312T-304	.250"	NOZZLE	WELDED	HEAD
INLET/OUTLET	1	1.12"	w.e.	SA479T-304	.250"	NOZZLE	WELDED	HEAD
INSTRUMENT	3	.75"	w.e.	SA479T-304	.250"	NOZZLE	WELDED	HEAD
INLET/OUTLET	2	2.50"	w.e.	SA312T-304	.552"	NOZZLE	WELDED	HEAD

11. Supports: Skirt **NO** Lugs **N/A** Legs **N/A** Other **STRAPS** Attached **WELDED TO SHELL**  
(Yes or no) (No.) (No.) (Describe) (Where and how)

12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report **N/A**  
(Name of part, item number, Mfg's name and identifying stamp)

**UT EXAMINATION PER UW-11(a)(7), FOR NON-CORROSIVE SERVICE PER UG-46(a).**  
**HYDRO TEST VERTICAL. IMPACT TESTED PER UHT-6.**  
**NOZZLE IMPACT EXEMPT PER UHA-51.**

CERTIFICATE OF SHOP COMPLIANCE			
We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME Code for Pressure Vessels, Section VIII, Division 1 "U" Certificate of Authorization No. <b>13617</b> expires <b>17 OCT. 97</b>			
Date <b>8-08-95</b>	Co. Name <b>TAYLOR-WHARTON</b>	Signed <i>[Signature]</i>	(Representative)
CERTIFICATE OF SHOP INSPECTION			
Vessel constructed by <b>TAYLOR-WHARTON</b> at <b>THEODORE, AL</b>			
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 <b>MISSISSIPPI</b> and employed by <b>KEMPER NATIONAL INSURANCE COMPANIES</b>			
on <b>8 AUGUST 95</b>			
have inspected the component described in this Manufacturer's Data Report on <b>19</b> and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME Code, Section VIII, Division 1. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel 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 <i>August 17, 1995</i>	Signed <i>[Signature]</i>	(Authorized Inspector)	
Commissions <b>NB. 9834. "A" MS. 1720. PA. 3195. OHIO.</b>		(Nat'l Board (incl. endorsements), State, Prov. and No.)	