

**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, ALABAMA. 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** **DM3000 E2356** **N/A** **D2200921H** **13339** **1992**  
(Horiz or vert tank) (Mfg's serial No) (CRN) (Drawing No) (Nat'l Bld 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. Year **1989**

to **1991** **N/A** **LOW TEMPERATURE ULT-115**  
Addenda (Date) Code Case Nos. Special Service per UG-120(d)

6 Shell **SA553 GR. 1** **.473"** **0"** **7'0"** **8'2"**  
Matl (Spec No Grade) Nom Thk (in) Corr Allow (in) Diam ID (ft & in) Length overall (ft & in)

7 Seams **WELDED, SINGLE, BUTT** **FULL** **100%** **N/A** **N/A** **WELDED, SINGLE, BUTT** **FULL** **1**  
Long (Welded Jct Sngl Lap, Butt) R T (Spot or Full) Eff (%) H T Temp (F) Time (hr) Girth (Welded Jct Sngl Lap, Butt) R T (Spot, Partial or Full) No of Courses

8 Heads (a) Matl **SA553** (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.	.448"	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 Gr Size, No)

9 MAWP **250** psi at max temp **+100** °F  
 Min design metal temp **-320** °F at **250** psi Hydro, pneu or comb test pressure **HYDRO 429** psi

10 Nozzles, inspection and safety valve openings

Purpose (Inlet, Outlet, Drain)	No	Diam or Size	Type	Matl	Nom T	Reinforcement Matl	How Attached	Location
INLET/OUTLET	3	1.0"	PIPE	SA312T-304	.250"	NOZZLE	WELDED	HEAD
INLET/OUTLET	2	2.5"	PIPE	SA312T-304	.552"	NOZZLE	WELDED	HEAD
INLET/OUTLET	1	1.12"	BAR	SA479T-304	.250"	NOZZLE	WELDED	HEAD
INSTRUMENT	3	.75"	BAR	SA479T-304	.250"	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).  
 SERVICE RESTRICTED TO OPER. TEMPS; LN<sub>2</sub> -255°F, LO<sub>2</sub> -224°F, LAR -230°F.  
 HYDRO TESTED VERTICAL. IMPACT TESTED PER UHT-6.**

**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 **13617** expires **20 OCT. 19 94**

Date **12-14-92** Co Name **TAYLOR-WHARTON** (Manufacturer) Signed *[Signature]* (Representative)

**CERTIFICATE OF SHOP INSPECTION** at **THEODORE, ALABAMA**

Vessel constructed by **TAYLOR-WHARTON**

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 **MISSISSIPPI** and employed by **KEMPER NATIONAL INSURANCE COMPANIES** on **14 DECEMBER 19 92**

have inspected the component described in this Manufacturer's Data Report on 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 **12-18-92** Signed *[Signature]* (Authorized Inspector) Commissions **"A"** NB. 9834, MS. 1720, PA. 3195, OHIO  
(Nat'l Board (incl endorsements), State, Prov and No)