

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

1. Manufactured and certified by: \_\_\_\_\_  
(Name and address of Manufacturer)

2. Manufactured for: \_\_\_\_\_  
(Name and address of Purchaser)

3. Location of installation \_\_\_\_\_  
(Name and address)

4. Type: \_\_\_\_\_  
(Horizontal or vertical, tank) (Manufacturer's serial number) (CRN) (Drawing number) (National Board number) (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  
 to \_\_\_\_\_  
Addenda (date) (Code Case numbers) [Special Service per UG-120 (d)]

6. Shell \_\_\_\_\_  
Material spec. number, grade (Nominal thickness) (Corr. allow) (Inner diameter) (Length (overall))

7. Seams: \_\_\_\_\_  
[Long (welded, dbl. singl., lap, butt)] [R.T. (spot or full)] (Eff. %) (H.T. temp.) (Time, hr) [Girth (welded, dbl. singl., lap, butt)] [R.T. (spot or full)] (Eff. %) (No. of courses)

8. Heads: (a) Material \_\_\_\_\_ (b) Material \_\_\_\_\_  
(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)										
(b)										

If removable, bolts used (describe other fastenings) \_\_\_\_\_  
(Material spec. number, grade, size, number)

9. MAWP \_\_\_\_\_ at max. temp. \_\_\_\_\_  
(Internal) (External) (Internal) (External)  
 Min. design metal temp. \_\_\_\_\_ at \_\_\_\_\_ Hydro. pneu., or comb. test press. \_\_\_\_\_

10. Nozzles, inspection, and safety valve openings:

Purpose (Inlet, Outlet, Drain)	Number	Diameter or Size	Type	Material	Nominal Thickness	Reinforcement Material	How Attached	Location

11. Supports: Skirt \_\_\_\_\_ Lugs \_\_\_\_\_ Legs \_\_\_\_\_ Other \_\_\_\_\_ Attached \_\_\_\_\_  
(Yes or no) (Number) (Number) (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: \_\_\_\_\_  
(Name of part, item number, Manufacturer's name and identifying stamp)

**CERTIFICATE OF SHOP/FIELD 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 BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. "U" Certificate of Authorization Number \_\_\_\_\_ expires \_\_\_\_\_  
 Date \_\_\_\_\_ Co. Name \_\_\_\_\_ Signed \_\_\_\_\_  
(Manufacturer) (Representative)

**CERTIFICATE OF SHOP/FIELD INSPECTION**

Vessel constructed by \_\_\_\_\_ at \_\_\_\_\_  
 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 \_\_\_\_\_ and employed by \_\_\_\_\_  
 have inspected the component described in this Manufacturer's Data Report on \_\_\_\_\_, and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. By signing this certificate neither the Inspector nor his/her employer makes any warranty, expressed or implied, concerning the pressure vessel this described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his/her 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 \_\_\_\_\_ Signed \_\_\_\_\_ Commissions \_\_\_\_\_  
(Authorized Inspector) (National Board (incl endorsements) State, Province and number)