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# FORM A-2 MANUFACTURER'S PARTIAL DATA REPORT

## A PART OF A pressure Vessel Fabricated by One Manufacturer for Another Manufacturer As Required by the Provisions of the ASME Code Rules, Section VIII, Division 2

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 \_\_\_\_\_  
 Horiz. or vert. tank      Mfr's. Serial No.      CRN      Drawing No.      Nat'l 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, construction, and workmanship conform to ASME Code, Section VIII, Division 2.

6. Constructed to: \_\_\_\_\_  
 Year      Class      Code case No.

\_\_\_\_\_ Drawing No.      Drawing Prepared by      Description of part inspected

**Items 7 to 12 incl. to be completed for single wall vessels, jackets of jacketed vessels, or shells of heat exchangers**

7. Shell \_\_\_\_\_  
 Material (Spec. No., Grade)      Nom. thk.      Corr. allow.      diameter      Length (overall)

8. Seams \_\_\_\_\_  
 Longitudinal      Heat treatment      Nondestructive Examination

\_\_\_\_\_ Girth      Heat treatment      Nondestructive Examination      No. of Courses

9. Heads: (a) Matl. \_\_\_\_\_ (b) Matl. \_\_\_\_\_  
 Spec., No., Grade      Spec., No., Grade

	Location (Top, Bottom, End)	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)										

10. If removable, bolts used (describe other fastenings): \_\_\_\_\_  
 Matl. Spec. No. Grade Size Number

11. Jacket closure \_\_\_\_\_ If bar, give dimensions \_\_\_\_\_ If bolted, describe or sketch.  
 Describe as ogee and weld, bar, etc

12. MAWP \_\_\_\_\_ at max. temp. \_\_\_\_\_ Min. design metal temp. \_\_\_\_\_ at \_\_\_\_\_  
 (internal) (external) (internal) (external)

Impact test \_\_\_\_\_ At test temperature of \_\_\_\_\_

Hydro., pneu., or comb test pressure \_\_\_\_\_

**Items 13 and 14 to be completed for tube sections.**

13. Tubesheets \_\_\_\_\_  
 Stationary matl. (Spec. No., Grade)      Diam. (Subject to pressure)      Nom. thk.      Corr. Allow.      Attach. (wld., bolted)

\_\_\_\_\_ Floating matl. (Spec. No., Grade)      (Diam. )      Nom. thk.      Corr. Allow.      Attach. (wld., bolted)

14. Tubes \_\_\_\_\_  
 Matl. (Spec. No., Grade)      O.D.      Nom. thk.      Number      Type (straight or "U")

**Items 15 to 18 incl. to be completed for inner chambers of jacketed vessels, or channels of heat exchangers**

15. Shell \_\_\_\_\_  
 Material (Spec. No., Grade)      Nom. thk.      Corr. allow.      diameter      Length (overall)

16. Seams \_\_\_\_\_  
 Longitudinal      Heat treatment      Nondestructive Examination

\_\_\_\_\_ Girth      Heat treatment      Nondestructive Examination      No. of Courses

17. Heads: (a) Matl. \_\_\_\_\_ (b) Matl. \_\_\_\_\_  
 Spec., No., Grade      Spec., No., Grade

	Location (Top, Bottom, End)	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)										

18. If removable, bolts used (describe other fastenings): \_\_\_\_\_  
 Matl. Spec. No. Grade Size Number

19. Design press. \_\_\_\_\_ at max. temp. \_\_\_\_\_ Charpy impact \_\_\_\_\_  
 at test temp. of \_\_\_\_\_ Min. design metal temp. \_\_\_\_\_ at \_\_\_\_\_

Pneu., hydro., or comb. pressure test \_\_\_\_\_



Manufactured by \_\_\_\_\_

Manufacturer's Serial No. \_\_\_\_\_ CRN \_\_\_\_\_ National Board No. \_\_\_\_\_

**CERTIFICATION OF DESIGN**

User's Design Specification on file at \_\_\_\_\_

Manufacturer's Design Report on file at \_\_\_\_\_

User's Design Specification certified by \_\_\_\_\_ PE State \_\_\_\_\_ Reg. No. \_\_\_\_\_

Manufacturer's Design Report certified by \_\_\_\_\_ PE State \_\_\_\_\_ Reg. No. \_\_\_\_\_

**CERTIFICATE OF SHOP COMPLIANCE**

We certify that the statements 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 2.

"U2" or "PRT VIII-2" Certificate of Authorization No. \_\_\_\_\_ expires \_\_\_\_\_

Date \_\_\_\_\_ Co. name \_\_\_\_\_ Signed \_\_\_\_\_

Manufacturer Representative

**CERTIFICATE OF SHOP INSPECTION**

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

have inspected the part of a pressure vessel described in this Manufacturer's Data Report on \_\_\_\_\_, and state that, to the best of my knowledge and belief, the Manufacturer has constructed this part in accordance with ASME Code, Section VIII, Division 2. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the part 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 \_\_\_\_\_ Signed \_\_\_\_\_ Commissions \_\_\_\_\_

Authorized Inspector National Board Authorized Inspector Commission number