

FORM A-2 MANUFACTURER'S PARTIAL DATA REPORT Page ____ of ____
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. _____

Items below to be completed for all vessels where applicable

20. Nozzles inspection and safety valve openings

Purpose (Inlet, Outlet, Drain, etc)	No.	Diam. or Size	Type	Material	Nom. Thk.	Reinforcement Material	How Attached	Location

21. Body Flanges

Body Flanges on Shells

No.	Type	ID	OD	Flange Thk	Min Hub Thk	Material	How Attached	Location	Bolting				
									Num & Size	Bolting Material	Washer (OD, ID, thk)	Washer Material	

Body Flanges on Heads

No.	Type	ID	OD	Flange Thk	Min Hub Thk	Material	How Attached	Location	Bolting				
									Num & Size	Bolting Material	Washer (OD, ID, thk)	Washer Material	

22. Support Skirt _____ Lugs _____ Legs _____ Other _____ Attached _____
Yes or No No No Describe Where and how

Remarks:

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" 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