

**FORM RP-1**  
**FABRICATOR'S DATA REPORT FOR FIBER-REINFORCED**  
**PLASTIC PRESSURE VESSELS (CLASS I)**  
**(Revision E — 2023)**  
**As Required by the Provisions of the ASME Boiler and Pressure Vessel Code**

1. Fabricated and certified by \_\_\_\_\_  
(name and address of Fabricator)

2. Fabricated for \_\_\_\_\_  
(name and address of Purchaser)

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

4. Type \_\_\_\_\_ Vessel No. \_\_\_\_\_ Year Built \_\_\_\_\_  
(Horizontal, vertical, or sphere) (Manufacturer's serial) (CRN) (Drawing/Rev.) (National Bd. no.)

5. Vessel fabricated in accordance with Design Specification Number and Revision \_\_\_\_\_ Date \_\_\_\_\_  
 and Procedure Specification Number and Revision \_\_\_\_\_ Date \_\_\_\_\_

6. ASME Section X \_\_\_\_\_  
(Edition Year) (Code Case No.)

7. Tests on prototype vessel conducted and certified by \_\_\_\_\_

8. Fabricated for  
 Maximum allowable working pressure \_\_\_\_\_ at maximum allowable temperature \_\_\_\_\_

Minimum allowable temperature [when less than  $-20^{\circ}\text{F}$  ( $-29^{\circ}\text{C}$ )] \_\_\_\_\_

Hydrostatic, }  
 Pneumatic, or } Test pressure \_\_\_\_\_ Total weight of completed vessel \_\_\_\_\_  
 Combination }

9. SHELL: Type \_\_\_\_\_ Nominal thickness \_\_\_\_\_  
(bag molded, centrif. cast, filament wound)

Diameter \_\_\_\_\_ Length \_\_\_\_\_ Barcol hardness \_\_\_\_\_

10. HEADS: Type \_\_\_\_\_  
(molded, centrifugally cast, filament wound)

Attachment \_\_\_\_\_  
(integral, adhesive bonding, bolted, quick opening, etc.)

(a)	Location (Top, Bottom, Ends)	Nominal Thickness	Barcol Hardness	Nominal Weight	Shape or Contour (Describe, giving radii, angle, ratios, where appropriate)
(1)	_____	_____	_____	_____	_____
(2)	_____	_____	_____	_____	_____

(b) If bolted, bolts used (Material, Spec. no., T. S., size, number)	(c) If quick opening or other (Describe or attach sketch)
(1) _____	(1) _____
(2) _____	(2) _____

(d) If filament wound, describe pole pieces or head fittings  
 (1) \_\_\_\_\_  
 (2) \_\_\_\_\_

11. SAFETY OR SAFETY RELIEF VALVE OUTLETS: Number \_\_\_\_\_ Size \_\_\_\_\_  
 Location \_\_\_\_\_

**FORM RP-1 (CONT'D)**  
**(Revision E — 2023)**

12. NOZZLES:

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

Attached \_\_\_\_\_  
(where and how)

13. INSPECTION OPENINGS:

Manholes: No. \_\_\_\_\_ Size \_\_\_\_\_ Location \_\_\_\_\_  
Handholes: No. \_\_\_\_\_ Size \_\_\_\_\_ Location \_\_\_\_\_  
Threaded: No. \_\_\_\_\_ Size \_\_\_\_\_ Location \_\_\_\_\_

14. SUPPORTS:  
(n/a if not applicable)

Skirt \_\_\_\_\_ (Length) Lugs \_\_\_\_\_ (Number, Length) Legs \_\_\_\_\_ (Number, Length) Other \_\_\_\_\_ (describe)  
Attached \_\_\_\_\_  
(where and how)

15. QUALIFICATION FORM Q-107 DATE \_\_\_\_\_

16. REMARKS

(Brief description of purpose of the vessel, such as air tank, water tank, LPG storage, etc. *If description of the purpose of the vessel does not clearly indicate the contents of the vessel, state what the contents are to be.* Describe any unusual features of design or construction not covered by items 3 to 14 inclusive.)

**CERTIFICATE OF COMPLIANCE**

We certify the statements in this Data Report to be correct.

Date \_\_\_\_\_ Signed \_\_\_\_\_ by \_\_\_\_\_  
(Fabricator) (authorized representative)

Our Certificate of Authorization No. \_\_\_\_\_ to use the Certification Mark with RP Designator expires \_\_\_\_\_  
(date)

**CERTIFICATE OF SHOP INSPECTION**

Vessel made by \_\_\_\_\_ at \_\_\_\_\_

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 pressure vessel described in this Fabricator's Data Report on \_\_\_\_\_ (date) and state that, to the best of my knowledge and belief, the Fabricator has constructed this pressure vessel in accordance with the applicable Sections of the ASME BOILER AND PRESSURE VESSEL CODE.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Fabricator's Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date \_\_\_\_\_

\_\_\_\_\_  
(Authorized Inspector's signature) Commission \_\_\_\_\_  
(National Board Authorized Inspector Number)