FORM RP-1
FABRICATOR'S DATA REPORT FOR FIBER-REINFORCED PLASTIC PRESSURE VESSELS (CLASS I)
(Revision F — 2025)
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 _____ (Horizontal, vertical, or sphere) Vessel No. _____ (Manufacturer's serial) _____ (CRN) _____ (Drawing/Rev.) _____ (National Bd. no.) Year Built _____

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 [not less than –65°F (–54°C)] _____

Hydrostatic, Pneumatic, or Combination } Test pressure _____. Total weight of completed vessel _____

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

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)
(1) _____
(2) _____

(c) If quick opening or other
(Describe or attach sketch)
(1) _____
(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 F — 2025)

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: Skirt _____ Lugs _____ Legs _____ Other _____
(n/a if not applicable) (Length) (Number, Length) (Number, Length) (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 _____

_____ Commission _____
(Authorized Inspector's signature) (National Board Authorized Inspector Number)