

FORM RP-1
FABRICATOR'S DATA REPORT FOR FIBER-REINFORCED
PLASTIC PRESSURE VESSELS (CLASS I)
(Revision C — 2011)
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 _____
(horiz. or vert. vessel) (Manufacturer's serial) (CRN) (dwg. no.) (National Bd. no.)

5. Vessel fabricated in accordance with Design Specification no. _____ Date _____
 and Procedure Specification no. _____ Date _____

6. ASME Section X _____
(Edition and Addenda (if applicable) Date) (Code Case No.)

7. Tests on prototype vessel conducted and certified by _____

8. Fabricated for
 Maximum allowable working pressure _____ psi (kPa) at maximum allowable temperature _____
 Minimum allowable temperature [when less than -20°F (-29°C)] _____

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

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 _____

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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 _____ (yes or no) Lugs _____ (number) Legs _____ (number) Other _____ (describe)

Attached _____
(where and how)

15. 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.)

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| <p>CERTIFICATE OF COMPLIANCE</p> <p>We certify the statements in this Data Report to be correct.</p> <p>Date _____ Signed _____ by _____ <small>(Fabricator) (authorized representative)</small></p> <p>Our Certificate of Authorization No. _____ to use the Certification Mark with RP Designator expires _____ <small>(date)</small></p> |
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| <p>CERTIFICATE OF SHOP INSPECTION</p> <p>Vessel made by _____ at _____</p> <p>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 _____ 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.</p> <p>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.</p> <p>Date _____</p> <p>_____ <small>(Authorized Inspector's signature)</small> Commission _____ <small>(National Board Number and Endorsement)</small></p> |
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