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 (horiz. or vert. vessel) Vessel No.  
   (Manufacturer's serial)  (CRN)  (dwg. no.)  (National Bd. no.)  Year Built __________

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

6. ASME Section X ____________________________  (Edition and Addenda Part)  (Code Case No.)  Date __________

7. Tests on prototype vessel conducted and certified by ________________________________
   Date __________

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 ____________________________ Nominal thickness __________
   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 (Nominal Location (Top, Bottom, Ends) Nominal Thickness Barcol Thickness Weight
(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 ____________________________

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(03/08)
1. (a) Fabricated and certified by ____________________________ (name and address of Fabricator of part)
   (b) Fabricated for ____________________________ (name and address of Purchaser of vessel)

2. Identification—Fabricator’s serial no. of part ____________________________

3. (a) Constructed according to Drawing no. ____________________________ Dwg. prepared by ____________________________
   (b) Description of part fabricated and inspected ____________________________

4. Part fabricated in accordance with Procedure Specification no. ____________________________ Date ____________________________

5. ASME Section X ____________________________ (Edition and Addenda Date) ____________________________ (Code Case No.)

6. SHELL: Type ____________________________ Nominal thickness ____________________________
   (bag molded, centrifugally cast, filament wound) Nominal weight ____________________________ Diameter ____________________________
   Length ____________________________ Barcol hardness ____________________________

7. HEADS: Type ____________________________ (molded, centrifugally cast, filament wound)
   Attachment ____________________________ (Integral, adhesive bonding, bolted, quick opening, etc.)

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

8. Fabricated for
Maximum allowable working pressure ____________________________ at maximum allowable temperature ____________________________
Minimum allowable temperature [when less than \(-20^\circ\text{F} \ (-29^\circ\text{C})\)] ____________________________

9. SAFETY VALVE OUTLETs: Number ____________________________ Size ____________________________ Location ____________________________

10. NOZZLES

<table>
<thead>
<tr>
<th>Purpose (Inlet, Outlet, Drain)</th>
<th>Number</th>
<th>Diameter or Size</th>
<th>Type</th>
<th>Material</th>
<th>Thickness</th>
<th>Reinforcement Material</th>
<th>How Attached</th>
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(03/08)
FORM RP-3
FABRICATOR'S DATA REPORT FOR CLASS II VESSELS
(Revision B — 2002)
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. __________________________ (Manufacturer's serial)
   (horizontal or vertical vessel) ________ (CRN) ________ (Dwg. No.) ________
   (National Bd. No.) ________ Year Built ________ Date ________

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

6. ASME Section X __________________________ (Code Case No.)
   (Edition and Addenda Date)

7. (a) Vessel designed according to Method ________ (A or B)
   (b) Fabricator's Design Report on file ________ (yes or no)

   (c) (1) Elastic constants used for design according to Method A:
         \[ E_x, E_y, E_z, \nu_{xy}, \nu_{yz}, Y_x, Y_y, Y_z, S, \] \[ \nu_{xy}, \nu_{yz}, V_e \]

   (2) Elastic and strength constants used for design according to Method B.

<table>
<thead>
<tr>
<th>Structural layer from inside</th>
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<th>4</th>
<th>5</th>
<th>6</th>
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<tbody>
<tr>
<td>Type of construction: mat., fil., wound, woven, roving, etc.</td>
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(3) Effective laminate engineering constants for Method B analysis based on information in 7(c)(2) above. (See AD-509.)

\[ E_1, E_2, E_3, E_{12}, E_{23}, E_{13}, \nu_{12}, \nu_{13}, \nu_{23}, \] \[ G_{12}, G_{13}, G_{23}, S \]

8. (a) SHELL: Fibers _________________________________________________
         (glass, carbon, aramid, etc.)
         Resins __________________________________________________
         (epoxy, polyester, furan, phenolic, etc.)

(b) HEADS: Fibers _________________________________________________
         (glass, carbon, aramid, etc.)
         Resins __________________________________________________
         (epoxy, polyester, furan, phenolic, etc.)

9. Fabricated for

    Maximum allowable working pressure ____________________________
    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 ____________________________
    NDE ____________________________ (AE, RT, etc.)

10. SHELL: Type ____________________________ Nominal thickness ________
    (bag molded, centrif. cast, filament wound)
    Diameter ____________________________ Length ____________________________
    Barcol hardness ____________________________

11. HEADS: Type ____________________________ Nominal thickness ________
    (contact molded, filament wound)
    Attachment ____________________________ (integral, adhesive bonding, bolted, quick opening, etc.)
    (Describe, giving radii, angle, ratios, where appropriate)

(03/08) 000439_form-rp3-fr_91
FORM 4

FABRICATOR'S PARTIAL DATA REPORT FOR CLASS II VESSELS
A Part of a Fiber-Reinforced Plastic Pressure Vessel Fabricated by
One Fabricator for Another Fabricator
(Revision A — 1998)

As Required by the Provisions of the ASME Boiler and Pressure Vessel Code

1. (a) Fabricated and certified by __________________________ (name and address of Fabricator of part)

(b) Fabricated for __________________________ (name and address of Fabricator of vessel)

2. Identification—Fabricator's serial no. of part __________________

3. (a) Constructed according to Drawing no. __________________ Dwg. prepared by __________________

(b) Description of part fabricated and inspected __________________

4. Part fabricated in accordance with Procedure Specification no. __________________ Date ______________

5. ASME Section X __________________ (Edition and Addenda Date) __________________ (Code Case No.)

6. SHELL: Type __________________ (contact molded, filament wound) Nominal thickness ___________ Fibers (glass, etc.) Resin (epoxy, etc.)
Nominal weight __________________ Diameter __________________
Length __________________ Barcol hardness __________________

7. HEADS: Type __________________ (contact 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) ________________________________ ________________________________ ________________________________ ________________________________

8. Fabricated for
Maximum allowable working pressure __________________________ at maximum allowable temperature ____________
Minimum allowable temperature [when less than –20°F (–29°C)] ____________

9. NDE ____________________ (AE, RT, etc.)

10. SAFETY VALVE OUTLETS: Number __________________________ Size __________________________ Location __________________

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

(03/08)