

**FORM K-1 MANUFACTURER'S DATA REPORT FOR HIGH PRESSURE VESSELS**  
**As Required by the Provisions of the ASME Boiler and Pressure Vessel Code, Section VIII, Division 3**

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 \_\_\_\_\_  
(horizontal/vertical) (Manufacturer's serial no.) (CRN) (National Board No.) (year built)
- Drawing no. \_\_\_\_\_ Prepared by \_\_\_\_\_
5. User's Design Specification on file at \_\_\_\_\_  
Certified by \_\_\_\_\_ P.E. state \_\_\_\_\_ Reg. no. \_\_\_\_\_
6. Manufacturer's Design Report on file at \_\_\_\_\_  
Certified by \_\_\_\_\_ P.E. state \_\_\_\_\_ Reg. no. \_\_\_\_\_
7. Material \_\_\_\_\_ Impact tested at \_\_\_\_\_
8. ASME Boiler and Pressure Vessel Code, Section VIII, Division 3 \_\_\_\_\_  
(year) (Addenda date) (Code Case no.)
9. Service \_\_\_\_\_
10. Restrictions and warnings \_\_\_\_\_  
\_\_\_\_\_ cycles at \_\_\_\_\_
11. Construction \_\_\_\_\_  
Prestress method \_\_\_\_\_
12. Size and configuration \_\_\_\_\_  
(I.D.) (length) (thickness) (cylindrical, spherical, other)
13. Supports and attachments \_\_\_\_\_
14. Design pressure \_\_\_\_\_ at maximum coincident metal temperature \_\_\_\_\_  
Maximum metal temperature \_\_\_\_\_ at \_\_\_\_\_  
Minimum design metal temperature \_\_\_\_\_ at \_\_\_\_\_
15. Test pressure \_\_\_\_\_ at \_\_\_\_\_  
(pneum./hydro./combination)
- Performed in the \_\_\_\_\_ position \_\_\_\_\_  
(horizontal/vertical) [fluid(s) used in test]
16. Closures \_\_\_\_\_  
(describe)
17. Connections, or provisions, for overpressure relief \_\_\_\_\_

**FORM K-1 (Back)**

18. Nozzles and connections

Purpose (Inlet, Outlet, Drain)	Quantity	Diameter or Size	Type	Material	Nominal Thickness	Reinforcement Material	How Attached	Location

19. Manufacturer's Partial Data Reports, properly identified and signed by commissioned Inspectors, have been furnished for the following components \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

20. Remarks \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

<b>CERTIFICATE OF SHOP COMPLIANCE</b>
<p>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 Boiler and Pressure Vessel Code, Section VIII, Division 3.</p> <p>U3 Certificate of Authorization no. _____ expires _____ .</p> <p>Date _____ Co. name _____ Signed _____</p> <p align="center"><small>(Manufacturer) (representative)</small></p>
<b>CERTIFICATE OF SHOP INSPECTION</b>
<p>I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of _____ and employed by _____ of _____, have inspected the 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 3. 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.</p> <p>Date _____ Signed _____ Commissions _____</p> <p align="center"><small>(Authorized Inspector) [Nat'l. Bd. (incl. endorsements), state, prov., and no.]</small></p>
<b>CERTIFICATE OF FIELD ASSEMBLY COMPLIANCE</b>
<p>We certify that the field assembly construction of all parts of this vessel conforms with the requirements of Section VIII, Division 3 of the ASME BOILER AND PRESSURE VESSEL CODE.</p> <p>U3 Certificate of Authorization no. _____ expires _____ .</p> <p>Date _____ Co. name _____ Signed _____</p> <p align="center"><small>(Assembler that certified and constructed field assembly) (representative)</small></p>
<b>CERTIFICATE OF FIELD ASSEMBLY INSPECTION</b>
<p>I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of _____ and employed by _____ of _____, have compared the statements in this Manufacturer's Data Report with the described pressure vessel and state that parts referred to as data items _____, not included in the certificate of shop inspection, have been inspected by me and that, to the best of my knowledge and belief, the Manufacturer has constructed and assembled this part in accordance with the ASME Code, Section VIII, Division 3. The described vessel was inspected and subjected to a hydrostatic test of _____ . 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.</p> <p>Date _____ Signed _____ Commissions _____</p> <p align="center"><small>(Authorized Inspector) [Nat'l. Bd. (incl. endorsements), state, prov., and no.]</small></p>