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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 _____ Licensing or Registration Authority _____ Reg. no. _____

6. Manufacturer's Design Report on file at _____
- Certified by _____ Licensing or Registration Authority _____ Reg. no. _____

7. Material _____ Impact tested at _____

8. ASME Boiler and Pressure Vessel Code, Section VIII, Division 3 _____
(year) (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 _____

Manufactured by _____

Manufacturer's Serial No. _____ CRN _____ National Board No. _____

18. Nozzles and connections

| Purpose (Inlet, Outlet, Drain) | Quantity | Diameter or Size | Type | Material | Nominal Thickness | Reinforcement Material | How Attached | Location |
|--------------------------------------|----------|---------------------|------|----------|----------------------|---------------------------|-----------------|----------|
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19. Manufacturer's Partial Data Reports, properly identified and signed by commissioned Inspectors, have been furnished for the following components

20. Remarks

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| <p>CERTIFICATE OF SHOP COMPLIANCE</p> <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 _____ <small>(Manufacturer) (representative)</small></p> |
| <p style="text-align: center;">CERTIFICATE OF SHOP INSPECTION</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 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 the Inspector's employer makes any warranty, expressed or implied, concerning the part described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor the Inspector's 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 _____ <small>(Authorized Inspector) (National Board Authorized Inspector Commission number)</small></p> |
| <p style="text-align: center;">CERTIFICATE OF FIELD ASSEMBLY COMPLIANCE</p> <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 _____ <small>(Assembler that certified and constructed field assembly) (representative)</small></p> |
| <p style="text-align: center;">CERTIFICATE OF FIELD ASSEMBLY INSPECTION</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 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 the Inspector's employer makes any warranty, expressed or implied, concerning the part described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor the Inspector's 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 _____ <small>(Authorized Inspector) (National Board Authorized Inspector Commission number)</small></p> |