FORM N-1 CERTIFICATE HOLDER'S DATA REPORT FOR NUCLEAR VESSELS*
As Required by the Provisions of the ASME Code, Section III, Division 1

1. Manufactured and certified by _____
(name and address of N Certificate Holder)

2. Manufactured for _____
(name and address of Purchaser)

3. Location of installation _____
(name and address)

4. Type _____ (horizontal or vertical) _____ (tank, jacketed, heat ex.) _____ (Certificate Holder's serial no.) _____ (CRN) _____ (drawing no.) _____ (National Bd. no.) _____ (year built)

5. ASME Code, Section III, Division 1 _____ (edition) _____ [Addenda (if applicable) (date)] _____ (class) _____ (Code Case no.)

Items 6–10 inclusive to be completed for single wall vessels, jackets of jacketed vessels, or shells of heat exchangers.

6. Shell _____ (material spec. no.) _____ (tensile strength) _____ (nominal thickness) _____ (minimum design thickness) _____ (diameter ID) _____ [length (overall)]

7. Seams _____ (long.) _____ (HT[1]) _____ (RT) _____ (eff. %) _____ (girth) _____ (HT[1]) _____ (RT) _____ (no. of courses)

8. Heads _____ [(a) material spec. no.] _____ (tensile strength) _____ [(b) material spec. no.] _____ (tensile strength)

	Location (top, bottom, ends)	Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (convex or concave)
(a)										
(b)										

If removable, bolts used _____ (material spec. no., size, quantity) Other fastening _____ (describe or attach sketch)

9. Jacket closure _____
(Describe as ogee & weld, bar, etc. If bar, give dimensions, describe, or sketch)

10. Design pressure[2] _____ at max. temp. _____. Min. pressure-test temp. _____. Pneu., hydro., or comb. test pressure _____

Items 11 and 12 to be completed for tube sections.

11. Tubesheets _____ (stationary, material spec. no.) _____ [diameter (subject to press.)] _____ (thickness) _____ [attachment (welded, bolted)]

_____ (floating, material spec. no.) _____ (diameter) _____ (thickness) _____ (attachment)

12. Tubes _____ (material spec. no.) _____ (OD) _____ [thickness (inches or gage)] _____ (no.) _____ [type (straight or U)]

Items 13 to 16 inclusive to be completed for inner chambers of jacketed vessels, or channels of heat exchangers.

13. Shell _____ (material spec. no.) _____ (tensile strength) _____ (nominal thickness) _____ (minimim design thickness) _____ (diameter ID) _____ [length (overall)]

14. Seams _____ [long. (welded. dbl., single)] _____ [HT[1] (yes or no)] _____ (RT) _____ (eff. %) _____ (girth) _____ (HT[1]) _____ (RT) _____ (no. of courses)

15. Heads _____ [(a) material spec. no.] _____ (tensile strength) _____ [(b) material spec. no.] _____ (tensile strength) _____ [(c) material spec. no.] _____ (tensile strength)

Location	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (convex or concave)
(a) Top, bottom, ends								
(b) Channel								
(c) Floating								

If removable, bolts used _____ (material spec. no., size, quantity) Other fastening _____ (describe or attach sketch)

16. Design pressure[2] _____ at _____. Min. pressure-test temp. _____. Pneu., hydro., or comb. test pressure _____

[1] If postweld heat treated. [2] List other internal or external pressure with coincident temperature when applicable.

* Supplemental information in the form of lists, sketches, or drawings may be used provided: (1) size is $8^1/_2 \times 11$; (2) information in items 1 through 4 on this Data Report is included on each sheet; and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

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Certificate Holder's Serial No. _____

17. Nozzles, inspection and safety valve openings

Purpose (inlet, outlet, drain, etc.)	Quantity	Diameter or Size	Type	How Attached	Material	Thickness	Reinforcement Material	Location

18. Supports: Skirt _____ (yes or no) Lugs _____ (quantity) Legs _____ (quantity) Other _____ (describe) Attached _____ (where and how)

19. Remarks:

CERTIFICATION OF DESIGN

Design specification certified by _____ P.E. State _____ Reg. no. _____

Design report certified by _____ P.E. State _____ Reg. no. _____

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this nuclear vessel conforms to the rules for construction of the ASME Code, Section III, Division 1.

N Certificate of Authorization No. _____ Expires _____

Date _____ Name _____ (N Certificate Holder) Signed _____ (authorized representative)

CERTIFICATE OF SHOP INSPECTION

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 component described in this Data Report on _____, and state that to the best of my knowledge and belief, the Certificate Holder has constructed this component in accordance with the ASME Code, Section III, Division 1.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the component described in this 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.

Date _____ Signed _____ (Authorized Nuclear Inspector) Commission _____ [National Board Number and Endorsement]

CERTIFICATE OF FIELD ASSEMBLY COMPLIANCE

We certify that the statements on this report are correct and that the field assembly construction of all parts of this nuclear vessel conforms to the rules of construction of the ASME Code, Section III, Division 1.

N Certificate of Authorization No. _____ Expires _____

Date _____ Name _____ (N Certificate Holder) Signed _____ (authorized representative)

CERTIFICATE OF FIELD ASSEMBLY INSPECTION

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 Data Report with the described component and state that parts referred to as data items _____, not included in the certificate of shop inspection, have been inspected by me on _____ and that to the best of my knowledge and belief, the Certificate Holder has constructed and assembled this component in accordance with the ASME Code, Section III, Division 1.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the component described in this 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.

Date _____ Signed _____ (Authorized Nuclear Inspector) Commission _____ [National Board Number and Endorsement]

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