

**FORM N-1A CERTIFICATE HOLDER'S DATA REPORT FOR NUCLEAR VESSELS**  
**Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only**  
**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  vertical  
(horizontal or vertical) (Cert. Holder's S/N) (CRN) (drawing no.) (National Bd. no.)

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

6: Shell \_\_\_\_\_  
(material spec no.) (tensile strength) (nominal thickness) (minimum design thickness) (diameter ID) (length overall)

7: Seams	longitudinal joint type	<input type="checkbox"/> single butt-welded <input type="checkbox"/> double butt-welded	girth joint type	<input type="checkbox"/> single butt-welded <input type="checkbox"/> double butt-welded	
	post weld heat treated	<input type="checkbox"/> yes <input type="checkbox"/> no		post weld heat treated	<input type="checkbox"/> yes <input type="checkbox"/> no
	RT examination	<input type="checkbox"/> full <input type="checkbox"/> partial <input type="checkbox"/> spot <input type="checkbox"/> none		RT examination	<input type="checkbox"/> full <input type="checkbox"/> partial <input type="checkbox"/> spot <input type="checkbox"/> none
	weld joint efficiency (%)			# of sections (courses)	

8: Heads		(a)	(b)		(a)	(b)
	material specification #			thickness		
	tensile strength			crown radius		
head location	<input type="checkbox"/> top	<input type="checkbox"/> top		knuckle radius		
	<input type="checkbox"/> bottom	<input type="checkbox"/> bottom		elliptical ratio		
	<input type="checkbox"/> ends	<input type="checkbox"/> ends		conical apex angle		
	<input type="checkbox"/> floating	<input type="checkbox"/> floating		hemispherical radius		
	<input type="checkbox"/> channel	<input type="checkbox"/> channel		flat diameter		
	<input type="checkbox"/> intermediate	<input type="checkbox"/> intermediate		side to pressure	<input type="checkbox"/> convex <input type="checkbox"/> concave	<input type="checkbox"/> convex <input type="checkbox"/> concave

removable bolts used?	<input type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/> yes <input type="checkbox"/> no	material specification #		
			tensile strength		
			size (diameter)		
			quantity		
other fastening (e.g. quick opening, etc.)	<input type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/> yes <input type="checkbox"/> no	Describe other fastening or attach sketch:		

9: Pressure<sup>1</sup> \_\_\_\_\_  
(design pressure) (min. design temp.) (min. pressure test temp.)  hydrostatic  pneumatic  combined (test type) (test pressure)

10: Pressure Boundary Penetrations:

Purpose (inlet, outlet, drain, etc.)	Quantity	Diameter or Size	Type (Name)	How Attached	Material	Thickness	Reinforcement Material	Location
				<input type="checkbox"/> bolted <input type="checkbox"/> welded				
				<input type="checkbox"/> bolted <input type="checkbox"/> welded				
				<input type="checkbox"/> bolted <input type="checkbox"/> welded				
				<input type="checkbox"/> bolted <input type="checkbox"/> welded				

<sup>1</sup> List other internal or external pressure with coincident temperature when applicable.

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**11: Supports**

		Support Location	How Attached	Where Attached (describe or attach sketch)
Skirt	<input type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/> top <input type="checkbox"/> bottom <input type="checkbox"/> side	<input type="checkbox"/> bolted <input type="checkbox"/> welded	
Lugs (quantity)		<input type="checkbox"/> top <input type="checkbox"/> bottom <input type="checkbox"/> side	<input type="checkbox"/> bolted <input type="checkbox"/> welded	
Legs (quantity)		<input type="checkbox"/> top <input type="checkbox"/> bottom <input type="checkbox"/> side	<input type="checkbox"/> bolted <input type="checkbox"/> welded	
Other (describe)		<input type="checkbox"/> top <input type="checkbox"/> bottom <input type="checkbox"/> side	<input type="checkbox"/> bolted <input type="checkbox"/> welded	

**12: Remarks**

**DESIGN SPECIFICATION / REPORT**

Design Specification number and revision: \_\_\_\_\_

Design Report number and revision: \_\_\_\_\_

**CERTIFICATE OF 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 INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and employed by \_\_\_\_\_, Certificate of Accreditation # \_\_\_\_\_; Expires \_\_\_\_\_ state that to the best of my knowledge and belief, the Certificate Holder has completed this shop fabrication in accordance with the ASME Code, Section III Division 1 requirements identified herein. By signing this certificate neither the Inspector nor the Inspector's employer makes any warranty, expressed or implied, concerning the items described in this 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 loss of any kind arising from or connected with this inspection.

Date: \_\_\_\_\_ Signed: \_\_\_\_\_ Commission: \_\_\_\_\_  
(Authorized Nuclear Inspector) (National Board Number and Endorsement)