FORM U-3A MANUFACTURER'S CERTIFICATE OF COMPLIANCE (ALTERNATIVE FORM) Page ____ of ____
COVERING PRESSURE VESSELS TO BE STAMPED WITH THE UM DESIGNATOR [SEE U-1(j)]
As Required by the Provisions of the ASME Boiler and Pressure Vessel Code Rules, Section VIII, Division 1

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, or sphere) _____ (Tank, separator, etc.) _____ (Capacity) _____ (Manufacturer's serial number)

_____ (CRN) _____ (Drawing number) _____ (National Board number) _____ (Year built)

5. ASME Code, Section VIII, Div. 1 _____ [Edition and Addenda, if applicable (date)] _____ (Code Case number)

6. Shell: (a) Number of courses _____ (b) Overall length _____

Course(s)			Material	Thickness		Long. Joint (Cat. A)			Circum. Joint (Cat. A, B & C)			Heat Treatment	
No.	Diameter	Length	Spec./Grade or Type	Nom.	Corr.	Type	Full, Spot, None	Eff.	Type	Full, Spot, None	Eff.	Temp.	Time

Body Flanges on Shells

									Bolting			
No.	Type	ID	OD	Flange Thk	Min Hub Thk	Material	How Attached	Location	Num & Size	Bolting Material	Washer (OD, ID,Thk)	Washer Material

7. Heads: (a) _____ (Material spec. number, grade or type) (H.T. — time and temp.) (b) _____ (Material spec. number, grade or type) (H.T. — time and temp.)

	Location (Top, Bottom, Ends)	Thickness		Radius		Elliptical Ratio	Conical Apex Angle	Hemis. Radius	Flat Diameter	Side to Pressure		Category A		
		Min.	Corr.	Crown	Knuckle					Convex	Concave	Type	Full, Spot, None	Eff.
(a)														
(b)														

Body Flanges on Heads

									Bolting			
	Location	Type	ID	OD	Flange Thk	Min Hub Thk	Material	How Attached	Num & Size	Bolting Material	Washer (OD, ID, Thk)	Washer Material
(a)												
(b)												

8. Type of jacket _____ Jacket closure _____ (Describe as ogee and weld, bar, etc.)

If bar, give dimensions. If bolted, describe or sketch. _____

9. MAWP _____ (Internal) _____ (External) at max. temp. _____ (Internal) _____ (External) Min. design metal temp. _____ at _____.

10. Impact test _____ at test temperature of _____.
[Indicate *yes* or *no* and the component(s) impact tested]

11. Hydro., pneu., or comb. test pressure _____ Proof test _____

FORM U-3A

Manufactured by _____

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

12. Nozzles, inspection, and safety valve openings:

Purpose (Inlet, Outlet, Drain, etc.)	No.	Diameter or Size	Type	Material		Nozzle Thickness		Reinforcement Material	Attachment Details		Location (Insp. Open.)
				Nozzle	Flange	Nom.	Corr.		Nozzle	Flange	

13. Supports: Skirt _____ (Yes or no) Lugs _____ (Number) Legs _____ (Number) Others _____ (Describe) Attached _____ (Where and how)

14. Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report (list the name of part, item number, Manufacturer's name, and identifying number):

15. Remarks

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made 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 1.

UM Certificate of Authorization Number _____ Expires _____

Date _____ Name _____ (Manufacturer) Signed _____ (Representative)

Signed _____ (Certified Individual) Certificate Number _____ (National Board CI number)