

MANUFACTURERS' DATA REPORT FOR UNFIRED PRESSURE VESSELS

1. Manufactured by: _____
(Name and Address of Manufacturer)
2. Manufactured by: _____
(Name and Address of Purchaser)
3. Type: _____ Kind _____ Vessel No. _____ Year Built _____
(Hor. Or Vert.) (Tank, Jacketed, Heat Exch.)

Items 4 to 9 inclusive to be completed for a single wall vessels (such as air tanks, jackets or jacketed vessels, or heat of heat exchangers)

4. Shell: Material _____ T.S. _____ Nominal Thickness _____ in. _____
(Kind & Spec. No.) (Fig. Or F.B. & Lowest T.S.)
- Corrosion Allowance _____ in. Diameter _____ Ft. _____ in.
Length _____ ft. _____ in.

5. Seams: Longitudinal _____ Butt Joint Stress Relieved _____ X-Rayed _____
(Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete)
- Sectioned Welder Classification: _____ No. of Course _____
(Class A, B, C)
- If riveted describe seams fully on reverse side of form.

6. Heads: (a) Material _____ T.S. _____ (b) Material _____ T.S. _____
- | Location
(Top, Bottom, Ends) | Drown Knuckle
Thickness | Radius | Elliptical
Radius cal Ratio | Conical
Ratio Apex Angle | Hemispherical
Radius |
|---------------------------------|----------------------------|--------|--------------------------------|-----------------------------|-------------------------|
| (a) _____ | _____ | _____ | _____ | _____ | _____ |
| (b) _____ | _____ | _____ | _____ | _____ | _____ |

- Flat Diameter _____ Side to Pressure (Convex or Concave) _____
- If removable, belt used _____ Other Fastening _____
(Material Spc. No., T.S., Size, Number) (Describe or attached sketch)

7. Staybolts: _____ If hallow _____ Attachment _____ Pitch _____ Dia. _____
(Materials) (Size of Hole) (Threaded or Welded) (Hor.) (Vert.) (Nominal)
8. Jacket Closures: _____
(Describe as Egg. & Weld, bar, etc. If bar give dimension. If bolted, described or sketch)
9. Tube Sheets: Stationary Material _____ Diam. _____ in.
(Kind & Type) (Subj. to Press)
10. Tubes: Material _____ O.D. in. Thickness _____ or Gage No. _____
Type _____
(Straight or U)

Item 12 to 15 inclusive to be completed for inner chambers of jacketed vessels of heat exchangers.

11. Shell: Material _____ T.S. _____ Nominal Thickness _____ in.
 (Kind of Sec. No.) (Fig. or F.B. & Lowest T.S.)
 Corrosion Allowance _____ in. Diam. _____ Ft. _____ in. Length _____ ft. _____ in.

12. Seams: Long _____ Stress Relieved _____ X-Rayed _____
 (Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete)
 Butt Joint

If riveted describe fully on reverse side of form.

Sectioned _____ No. of Course _____
 (Yes or No)

13. Heads: (a) Material _____ T.S. _____ (b) Material _____ T.S. _____
 (b) Material _____ T.S. _____

	Location	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle
(a)	Top, Bottom, Ends	_____	_____	_____	_____	_____
(b)	Channel	_____	_____	_____	_____	_____
(c)	Floating	_____	_____	_____	_____	_____

	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
	_____	_____	_____
	_____	_____	_____

If removable, bolts used (a) _____ (b) _____
 (Material Spc. No., T.S., Size, Number)
 (c) _____ Other Fastening _____
 (Describe or attached sketch)

15. Constructed for _____ (int.) pressure of _____ psi. Max. Temp. _____ °F Subzero _____
 (ext.)
 °F Hydro Test _____ psi.

Item below to be completed for all vessels where applicable

16. Safety Valve Outlets: Number _____ Size _____ Location _____

17. Nozzles:

Purpose (Inlet, Outlet, Drain)	Diameter Number or Size	Type	Material	Thickness	Reinforcement Material	How attached
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

18. Inspection Manhole, No. _____ Size _____ Location _____
 Openings: Handhole, No. _____ Size _____ Location _____
 Threaded, No. _____ Size _____ Location _____

19. Supports: Skirt _____ Lugs _____ Legs _____ Others _____ Attached _____
 (Yes or No) (Number) (Number) (Describe) (How and Where)

20. Remarks: _____
 (Brief description of purpose of the vessel, as Air Tanks, After

Cooler, Jacketed cooler, etc. State contents of each part.)

