SNDRN No. 423-3

FORM U-1 MANUFACTURERS' DATA REPORT FOR UNFIRED PRESSURE VESSELS

As Required by the Provisions of the ASME Code Rules

1 Manufactured by R. D. COLE MANUFACTURING COMPANY, NEWNAN, GEORGIA
(Name and address of Manufacturer)

2 Manufactured for Applied Engineering Co., % Clinton-Newberry Gas Authority, Newberry, South Carolina.
(Name and address of Purchaser)

3. Type Horiz. (Horiz. or Vert.) Kind Tank (Tank, jacketed, Heat Exch.) Vessel No (8978) (Mfrs. Serial) (State & State No.) Nat'l Bd No. 1730 Yr. Built 1959

Items 4-9 incl. to be completed for single wall vessels (such as air tanks), jackets of jacketed vessels, or shells of Heat Exchangers

4 SHELL: Material SA-212-B (Kind and Spec No.) T S 70,000 FB (Fig or F B & Lowest T S) Nominal Thickness 15/16 in. Corrosion Allowance — in. Diam 10 ft 10 in. Length 36 ft 3½ in.

5. SEAMS: Long DBL. BUTT (Welded, Dbl., Single, Lap, Butt) S.R. NO (Yes or No) X.R. SPOT (Spot or Complete) Sectioned NO (Yes or No) Efficiency Comp 100 / Comp. 80 % If riveted describe seams fully on reverse side of form

Girth DBL. BUTTS.R NO X.R. SPOT Sectioned NO No. of Courses 4

6 HEADS (a) Material SA-212-B FB T S 70,000 FB (b) Material T S

Location (Top, bottom, ends)	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a) Ends	1/2"					5'-5"		Concave
(b)								

If removable, bolts used (Material, Spec No, T S, Size, Number) Other fastening (Describe or Attach Sketch)

7 STAYBOLTS (Material) If hollow (Size of Hole) Attachment (Threaded, Welded) Pitch (Horiz.) X (Vert.) Diam (Nominal)

8 JACKET CLOSURE (Describe as taper & weld, bar, etc. If bar give dimensions, if bolted, describe or sketch)

9 Constructed for {Int. / Ext.} pressure of 250 psi Max. Temp 650 °F Subzero -20 °F Hydrostatic Test 375 psi.

Items 10 and 11 to be completed for tube sections.

10. TUBE SHEETS: Stationary Material (Kind & Spec No.) Diam (Subject to Pressure) in Thickness in Attachment (Welded, Bolted)

Floating Material (Kind & Spec No.) Diam in Thickness in Attachment

11 TUBES: Material (Kind & Spec. No.) O D inches or gage Number Type (Straight or U)

Items 12-15 incl. to be completed for inner chambers of jacketed vessels, or channels of heat exchangers

12. SHELL Material (Kind and Spec No.) T S (Fig or F B & Lowest T S) Nominal Thickness in. Corrosion Allowance in. Diam ft in. Length ft in.

13 SEAMS Long (Welded, Dbl., Single, Lap, Butt) S.R. (Yes or No) X.R. (Spot or Complete) Sectioned (Yes or No) Efficiency % If riveted describe seams fully on reverse side of form

Girth S.R. X.R. Sectioned No. of courses

14 HEADS (a) Material T S (b) Material T S (c) Material T S

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 (a) (Material, Spec No., T S, Size, Number) (b) (c) Other fastening (Describe or Attach Sketch)

15 Constructed for {Int. / Ext.} pressure of psi Max Temp °F Subzero Hydrostatic Test psi.

DEC 14 1959
BOARD OF BOILER VESSEL INSPECTORS

Items below to be completed for all Vessels where applicable

16. SAFETY VALVE OUTLETS: Number Size Location

17. NOZZLES:

Purpose (Inlet, Outlet, Drain)	Number	Diam or Size	Nozzle	Material	Thickness	Reinforcement Material	How Attached
	1	2-1/4"	Nozzle	C.S.			Welded
	1	3¼"	Coup	C.S.	3000#	NR	"
	1	1"	Coup	C.S.	3000#	NR	"
	1	2"	Studded	C.S.		NR	"
	1	3"	Studded	C.S.		NR	

18. INSPECTION OPENINGS: Manholes, No. 1 Size 17-1/2" Location Shell - welded
Others, No. Size Location

19. SUPPORTS: Skirt (Yes or No) Lugs (Number) Legs (Number) Other (Describe) Attached (Where & How)

20. REMARKS: L.P.G. Storage Tank

We certify that the statements made in this report are correct and that all details of material, construction, and workmanship of this unfired pressure vessel conform to the ASME Code for Unfired Pressure Vessels.

Date 12 - 10 19 59, Signed R. D. COLE MANUFACTURING COMPANY (Manufacturer) By W. E. Shirley V.P. PRODUCTION

Certificate of Authorization Expires No. 22 12-31-61

CERTIFICATE OF SHOP INSPECTION

Inspection Agency's Serial No. H. S. B. No. 4282

VESSEL MADE BY R. D. COLE MANUFACTURING COMPANY at NEWNAN, GEORGIA

I, the undersigned, holding a Certificate of Competency as an Inspector of Boilers and Unfired Pressure Vessels in THE STATE OF ..... and employed by Hartford Steam Boiler Inspection and Insurance Co. of Hartford

inspected internally and externally, the vessel described in this report on 12 - 10 19 59, and certify that the statements made in this report are correct corresponding with mill test reports of materials furnished by the builders, and measurements made of the vessel and that this vessel is constructed in accordance with the ASME Code for Unfired Pressure Vessels.

Date 12 - 10 19 59

D. L. Franklin
Inspector's Signature

Commissions NATIONAL BOARD No. 4638
State or Nat'l Bd. & Number

CERTIFICATE OF FIELD ASSEMBLY INSPECTION

I, the undersigned, holding a Certificate of Competency as an Inspector of Boilers and Unfired Pressure Vessels in THE STATE OF ..... and employed by ..... of ....., have compared the statements in this manufacturer's data report with the completed vessel, and certify that parts referred to as data items ..... were completed in the field in accordance with the requirements of the ASME Code for Unfired Pressure Vessels. The completed vessel was inspected and subjected to a hydrostatic test of ..... psi.

Date ..... 19 .....

..... Commissions .....
Inspector's Signature State or Nat'l Bd. & Number

Printed in U.S.A.

This form is obtainable from the ASME, 29 W. 39 St., N. Y. C.