

FORM U-1 MANUFACTURERS' DATA REPORT FOR UNFIRED PRESSURE VESSELS
As Required by the Provisions of the ASME Code Rules



1. Manufactured by Chicago Bridge & Iron Co. Birmingham, Ala P.O. Box 277
(Name and address of Manufacturer)

2. Manufactured for Hasche Engineering Co. For City of Americus - Americus, Ga.
(Name and address of Purchaser)

3. Type Horiz Kind Tank Vessel No. 3561 (Mfrs. Serial) (State & State No.) Nat'l Bd. No. 3306 Yr. Built 1956
(Horiz. or Vert.) (Tank, Jacketed, Heat Exch.) (Fig. or P.B. & lowest T.S.)

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 A212 Gr. B T.S. 70000FBX Nominal Thickness 1 in. Corrosion Allowance 0 in. Diam. 10 ft. 43 in. Length 50 ft. 13 in. Ins Has

5. SEAMS: Long. Weld Dbl. Butt No. No X.R. Complete Sectioned No Efficiency 90 %
(Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)

6. HEADS: (a) Material A212 Gr. B FBX T.S. 70000psi (b) Material A212 Gr. B FBX T.S. 70000psi
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 Ends .5 5'2-13/32" Concave
(b) Ends .5 5'2-13/32" Concave

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

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

8. JACKET CLOSURE: (Describe an ogee & weld, bar, etc. If bar, give dimensions. If bolted, describe or sketch.)

9. Constructed for Int. pressure of 250 psi. Max. Temp. 250 °F. Subzero °F. Hydrostatic Test 375 psi.
Items 10 and 11 to be completed for tube sections.

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

Floating. Material Diam. in. Thickness in. Attachment

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

Items 12-16 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 P.B. & lowest T.S.) Nominal Thickness in. Corrosion Allowance in. Diam. ft. in. Length ft. in.

13. SEAMS: Long. S.R. No. No X.R. Complete Sectioned No Efficiency 90 %
(Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)

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. pressure of 250 psi. Max. Temp. 250 °F. Subzero °F. Hydrostatic Test 375 psi.
Items below to be completed for all vessels where applicable.

16. SAFETY VALVE OUTLETS: Number 1 Size 4" ACF Location In Mhd. Cover

17. NOZZLES: Plus 1 Blanked off opening for Safety Valve

Purpose (Inlet, Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
Drain Gauge	1	2"	Pad	A285 Gr. C	1"	A285 Gr. C	Welded
Gauge	1	1"	Coupling	A181	6000#FS		Welded
Gauge	1	3/4"	Coupling	A181	6000#FS		Welded

18. INSPECTION OPENINGS: Manholes, No. 1 Size 18" Location In Top of Shell A212 Gr. B Welded

Threaded, No. 3 Size 1 1/2-2" Location In Mhd. Cover A7 Tapped

19. SUPPORTS: Skirt (Yes or No) Lugs (Number) Legs (Number) Other Steel Saddles Welded to Shell (Where & How)

20. REMARKS: 124-3/4" ID x 40'5" TL Propane Strg. Tk. 30,000 Gal. Water Capacity
CB&I Cont. 7-7614 Vessel to be stamped Per UW 1956 ASME Code
RHP 9/28/56

Item 20 Remarks: National Board Classification equals 528 Sq. Ft. Bursting Pressure equals 1000# psi. Hammer Test @ 313 psi. 250psi Working Pressure. Factor of Safety equals 4 Per UW 1956 Code

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 11-24, 1958 Signed Chicago Bridge and Iron Co. (Manufacturer) by H. E. ... Certificate of Authorization Expires 035 Dec 31, 1958

CERTIFICATE OF SHOP INSPECTION

Insurance Company's Serial Number 3914 VESSEL MADE BY Chicago Bridge & Iron Co. at Birmingham, Alabama. I, the undersigned, holding a Certificate of Competency as an Inspector of Boilers and Unfired Pressure Vessels in THE STATE OF ... and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONN., inspected internally and externally, the vessel described in this report on 11-24, 1958 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 11-24, 1958 Inspector's Signature H. ... Commissions N.B. 1858 State of 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 ... 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... Inspector's Signature ... Commissions ... State of Nat'l Bd. & Number