

BSCo. CD 7317 (T-10) for Anco Mfg. & Supply Co.
FORM U-1 MANUFACTURERS' DATA REPORT FOR UNFIRED PRESSURE VESSELS
 As Required by the Provisions of the A.S.M.E. Code Rules

ALA 3436

BETHLEHEM STEEL COMPANY, BETHLEHEM, PA.

T-26-52-160

1. Manufactured by (Name and address of the manufacturer)

2. Manufactured for: **Order of Anco Mfg. & Supply Co., Council Bluffs, Iowa**
(Name and address of the purchaser)

3. Type: **Horizontal** Unfired Pressure Vessel No. (**BSCo. 2123**) (**N.B. 1627**) Year built: **1952**
(Horizontal or Vertical) (Mfg. serial, or A.S.M.E. No.) (State and State No.)

4. Have mill test reports been checked on all the plates entering this unfired pressure vessel: **Yes**

5. Do the chemical and physical properties of all plates meet the requirements of the Code: **Yes**

6. SHELL OR DRUMS: No. **1** Diameter: **8** ft. **10** in. Length over-all: **67** ft. **0-1/2** in. Height: **7** ft. **0** in.

7. STAMPS on shell plates: **A212** Rivets, stays, and braces: **Nuts - A194 Cl. 2**
(Brand and Lowest Tensile Strength) (Type or grade)

8. SHELL PLATES: **0.96** in. Butt straps: **70.000** in. Style of seams: **Longitudinal** **Double welded butt** **Double welded butt**
(Plate Thickness) (Thickness) (Riveted, Forge Welded, Braised, or Fusion Welded—Pat. No.)

9. Diameter of rivet holes: **0.77** in. Pitch of rivets: **X** Efficiency of joint: **80** %

10. GIRTH JOINTS: Diameter rivet holes: **0.77** in. Pitch of rivets: **X** No. of courses: **7**

11. INNER SHELL: **0.77** in. Style of seams: **Longitudinal** **Double welded butt** Length of section or course: **8** (ft. **10-7/16** in.)
(Thickness) (Riveted, Forge Welded, Braised, or Fusion Welded—Pat. No.)

12. HEADS: Flat or dished: **0.77** in. Radius of dish: **All** in. Side to pressure: **Concave**
(Thickness) (Concave or convex)

13. If removable, bolts used: **0.77** in. or method of fastening: **All** (Describe or sketch)

STAYS	No.	Size	Net Area	Welded or Riveted	Area to be Stayed	Maximum Allowable Working Pressure
(a) F. H.	—	—	—	—	SEP-19	1952
(b) R. H.	—	—	—	—	—	—
(c) Through	—	—	—	—	—	—
(d) Diagonal and Gusset Stays	—	—	—	—	—	—

14. STAY BOLTS: If hollow: **0.77** in. (Side of hole) 14. Maximum pitch: **X** Diameter: **0.77** in. (Over the threads)

15. SAFETY VALVE outlets: No. **4** Size: **1 1/2** in.

16. FUSIBLE PLUG (if used): No. **1** Diameter and material of filling: **Steel** Location: **Welded**

17. OUTLETS: No. **4** Size: **1 1/2** in. Material of nozzle or reinforcement: **Steel** How attached: **Welded**
(Riveted, Welded, etc.)

18. DRAIN CONNECTION: No. **1** in. HAND HOLES OR SIGHT HOLES: **1** (Number, size, and location)

19. MANHOLES: **1** **18** in. **3'-11-1/2"** from head seam Reinforcement: **0.96** in. pad welded to shell
(Number) (Size and location of neck) (Riveted, Welded, etc.)

20. NONPRESSURE PARTS: (a) Supporting lugs: **4** Supporting skirts: **2** (b) Other nonpressure parts: **4** shipping lugs
(c) Where and how attached: **4** clips welded to head **2** centering bars

21. Bursting pressure: **1002** psi Hydrostatic test: **400** lb 22. Constructed for pressure of: **250** psi Factor of safety: **4**

REMARKS: **30,000 gal. propane storage tank. Hammer tested at 313 1/2 psi. Constructed to meet ASME 1949 code, para. U69 for 200 w.p., also complies with para. U201 for 250 w.p. and ASME 1950 code, section UW for 250 w.p.**

Certificate of authorization expires 12/31/52

We certify the above data to be correct and that all details of material, construction, and workmanship on this unfired pressure vessel conform to the A.S.M.E. Code for Unfired Pressure Vessels.

Date: **8/1/52** Signed: **M. T. Smith** (Manufacturer) **M. T. Smith**