

1101

FORM U-1A MANUFACTURERS' DATA REPORT FOR UNFIRED PRESSURE VESSELS
Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only

1. Manufactured by Linde Company, Division of Union Carbide Corp., Tonawanda, New York
(Name and address of Manufacturer)

2. Manufactured for Linde Company, Division of Union Carbide Corp., New York, New York
(Name and address of Purchaser)

3. Type Hertz Vessel No. (90VCC-467) (Mfr. Serial) (State & State No.) Natl. Bd. No. 4449 Yr. Built 1963

4. SHELL: Matl. SB209GM41 A-9.S 40000 Nom. Thk. 1/2 In. Allow. Corr. In. Diam 4 Ft. 0.32 In. Lgth 9 Ft. 6-3/8

5. SEAMS: Long WDB S.R. No X.R. Spot Sectioned No Efficiency 80 %
(Welded, Dist., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)
Girth WDB S.R. No X.R. Spot Sectioned No No. of Courses 1

6. HEADS: (a) Material SB209 GM 41A-0 T.S. 40000 (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) <u>Top & Bottom</u>	<u>.350 Min.</u>	<u>Ell.</u>		<u>2:1</u>			<u>48" T.D.</u>	<u>Concave</u>
(b)								

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

7. Constructed for {Int.} pressure of 145 psi Max Temp 100 °F Subzero 423 °F Hydrostatic Test 220

8. SAFETY OR RELIEF VALVE OUTLETS: Number _____ Size _____ Location _____

9. NOZZLES:

Purpose (Inlet Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
	<u>1</u>	<u>1/2"</u>	<u>Pipe</u>	<u>Alum.</u>	<u>Sch. 40</u>		<u>Welded</u>
	<u>3</u>	<u>1"</u>	<u>Pipe</u>	<u>Alum.</u>	<u>Sch. 40</u>		<u>Welded</u>

10. INSPECTION Manholes, No. _____ Size _____ Location _____
OPENINGS Handholes, No. _____ Size _____ Location _____
Threaded, No. _____ Size _____ Location _____

11. SUPPORTS: Skirt No Lugs _____ Lugs _____ Other 2 Support Tube Attached Welded to heads
(Yes or No) (Number) (Number) (Describe) (Where & How)

12. REMARKS: Built in accordance with 1959 ASME Unfired Pressure Vessel Code. To be used for storage of liquified gas.

If riveted or brazed describe joints fully under remarks.

(Brief description of purpose of the vessel, as Air Tank, Water Tank, L.P.O., Etc.—State Contents.)

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

Date 3/14/63 19 _____ Signed Linde Co., Div. of UCC By C. C. Reymon
(Manufacturer)

Certificate of Authorization Expires December 31, 1964

CERTIFICATE OF SHOP INSPECTION

Inspection Agency's Serial No. T-604-6316

VESSEL MADE BY Linde Company, Division of Union Carbide Corporation, Tonawanda, New York

I, the undersigned, holding a Certificate of Competency as an Inspector of Boilers and Unfired Pressure Vessels in THE STATE OF Nat'l. Bd. and employed by Travelers Indemnity Company of Conn., inspected internally and externally, the vessel described in this report on 3/14/63 19 _____, 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 3/14/63 19 _____

J. P. Nelson Inspector's Signature
I. P. Nelson

Commissioners N. B. #4427, Penna. 1798 & Ohio
State or Natl. Bd. & Number