

Alternate Form for Single Chamber Completely Shop Fabricated Vessels Only

997

1. Manufactured by UNION CARBIDE CORPORATION, LINDE DIVISION, TONAWANDA, NEW YORK
(Name and address of Manufacturer)

2. Manufactured for UNION CARBIDE CORPORATION, LINDE DIVISION, NEW YORK, NEW YORK
(Name and address of Purchaser)

3. Type Vert. Vessel No. (60VCC)-644 (Micro. Serial) (State & State No.) Natl. Bd. No. 9288 Yr. Built 1966
(Horiz. or Vert.)

4. SHELL: Matl. SB209-5083-0 T.S. 40,000 Nom. Thk. 3/4 In. Corr. Allow. In. Diam. 3 Ft. 6 In. Length 12 Ft. 1 In.
(Kind and Spec. No.) (Fig. or F.B. & Spec. Min. T.S.)

5. SEAMS: Long Welded, dbl. H.T. No X.R. Spot Sectioned No Efficiency 85 %
(Welded, Dbl., Single, or Butt) (Yes or No) (Spot or Complete) (Yes or No)

Girth Welded, dbl. H.T. No X.R. Spot Sectioned No No. of Courses 1
butt

If riveted or brazed describe seams fully under remarks.

6. HEADS: (a) Material SB209-5083-0 T.S. 40,000 (b) Material _____ T.S. _____
Location (Top, bottom, ends) Thickness .569" Crown Radius E11 Elliptical Ratio 2:1 Conical Apex Angle _____ Hemispherical Radius _____ Flat Diameter 42" Size to Pressure (Convex or Concave) Concave

(a) Top & Bott. _____
(b) _____

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

7. Constructed for max. allowable working press. 270 psi at max. temp. 100 °F. Min. temp. (when less than -20°) 423 °F. Hydrostatic Pneumatic or Combination Test Press 405 psi.

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

9. NOZZLES:

Purpose (Inlet, Outlet, Drain)	Number	Dimm. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
	<u>2</u>	<u>1-3/8"</u>	<u>Nipple</u>	<u>Alum</u>	<u>.375"</u>		<u>Welded</u>
		<u>1-3/8" x 18 Ga. 304 tube,</u>	<u>1-3/8", 1-5/8", 1-1/8"</u>	<u>Alum. coupling</u>			<u>Welded</u>

10. INSPECTION Manholes, No. _____ Size _____ Location _____

OPENINGS: Handholes, No. _____ Size _____ Location _____
Threaded, No. _____ Size _____ Location _____

11. SUPPORTS: Skirt Yes Lugs _____ Legs _____
(Yes or No) (Number) (Number) One 6-1/2" OD x 4/8" thk. Welded to head nozzle
(Describe) (Where & How)

12. REMARKS: Vessel to be used for storage of liquefied gas. Built in accordance with latest ASME Unfired Pressure Vessel Code

(Brief description of purpose of the vessel as Air Tank, Water Tank, L.P.G., Etc.—State Contents.
If postweld heat-treated.
List other internal or external pressures with coincident temperature when applicable.

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

Date December 16, 1966 Signed Union Carbide Corp., Linde Div. By CC Beynon
(Manufacturer)

Certificate of Authorization Expires Dec. 31, 1967

CERTIFICATE OF SHOP INSPECTION	
VESSEL MADE BY	<u>Union Carbide Corp.</u> <u>Linde Division</u> at <u>Tonawanda, New York</u>
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the XXXX <u>National Board</u> and employed by <u>Travelers Indemnity Co.</u> of <u>Conn.</u> have inspected the pressure vessel described in this manufacturer's data report on <u>December 16, 1966</u> , and state that to the best of my knowledge and belief, the manufacturer has constructed this pressure vessel in accordance with the applicable sections of the ASME Boiler and Pressure Vessel Code.	
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this manufacturer's data report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.	
Date	<u>December 16, 1966</u>
<u>J.P. Nelson</u>	Commissioner, <u>NB 4427, Penna. 1798 & Ohio</u>
<small>Inspector's Signature</small>	<small>Not a Board or State and No.</small>

Inspection Agency's Serial No.