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

Alternate Form For Single Chamber Completely Shop Fabricated Vessels Only
As required by the Provisions of the ASME Code Rules and the National Board

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

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

3. Type Vert. (Horiz. or Vert.) Vessel No. TM6000-6063 (Mfrs. Serial) ( ) (State & Std. No.) Nat'l Bd. No. 557 Yr. Built 1968

4. SHELL: Mat'l 9% Ni Stl. SA300 (Kind and Spec. No.) T.S. 95,000 (Flg. or F. B. & Spec. Min. T.S.) Nom. Thk. 1/2 in. Corr. Allow. 0 in. Diam. 7 ft. 1 in. Length 22 ft. 2x11/2 in.

5. SEAMS: Long WSB (Welded, Dbl., Single, Lap, Butt) H.T. no (Yes or No)[1] X.R. comp. (Spot or Complete) Sectioned no (Yes or No) Efficiency 90 %

If riveted or brazed describe seams fully under remarks.

Girth WSB H.T. no X.R. comp Sectioned no No. of Courses 2

6. HEADS: (a) Material 9% Ni Stl. SA300 T.S 95,000 (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)	Top&Bottom	.5			2:1				concave
(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.[2] 250 psi. at max. temp. 100 °F Min. temp. (when less than −20°) -320 °F. Hydrostatic / Pneumatic / Combination Test Press. 420 psi.

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
	3-1/4", 2-1", 2-1 1/2"		Pipe	9% Ni Stl.	Sch. 40	no	Welded
	2-2"						

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

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

12. REMARKS: Code Case 1308-5 Vessel to be used for storage of liquified gas.

(Brief description of purpose of the vessel, as Air Tank, After Cooler, Jacketed Cooker, etc. State contents of each part.)

[1] If Postweld Heat-Treated [2] 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 April 11, 19 68 Signed UCC, Linde Division (Manufacturer) By C C Regan

Certificate of Authorization Expires December 31, 1970

CERTIFICATE OF SHOP INSPECTION

VESSEL MADE BY UCC, Linde Division at Tonawanda, New York

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the ~~State or Province~~ National Board and employed by Travelers Indemnity Co. of Connecticut have inspected the pressure vessel described in this manufacturer's data report on April 11, 68, 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 April 11, 1968

J.C. Magee J C Magee
Inspector's Signature

Commissions N.B. 6137 Penna 1610 and Ohio
Nat'l Board or State and No.

CPCo 20M-6-67