

FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS
(Alternative Form for Single Chamber, Completely Shop-Fabricated Vessels Only)
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

A2725521
P2725521

1. Manufactured and certified by Superior Pressure Vessels Ltd., 7507-40St.S.E., Calgary, AB T2C 2H5
(Name and address of Manufacturer)
2. Manufactured for I.C.G. Propane Inc., 810, 10201 Southport Rd.S.W., Calgary, AB, T2W 4x9
(Name and address of purchaser)
3. Location of Installation Calgary, AB
(Name and address)
4. Type Horizontal M-025 K2992.2 4-111-0 1991
(Name, or type, code) (Design No.) (CRN) (Drawing No.) (Mfr's. Cat. No.) (Year built)
5. The chemical and physical properties of all parts meet the requirements of material specifications of the ASME BOILER AND PRESSURE VESSEL CODE. The design, construction, and workmanship conform to ASME Rules, Section VIII, Division 1.

December 1989
6. Shell: SA517-B .420 Nil 96" 384"
(Matl. Spec. No., Grade) (Nom. Thk. (in.)) (Corr. Allow. (in.)) (Diam. I.D. (ft. & in.)) (Length (overall) (ft. & in.))
7. Seams: Double Butt Full 100% 1050 40 min. Double Butt Full 3
(Long. (Welded, Dbl., Spt., Lap, Butt)) (R.T. (Heat or Full)) (R.R. (in.)) (H.T. Temp. (°F)) (Time (hr)) (Grth. (Welded, Dbl., Spt., Lap, Butt)) (R.T. (Heat, Post-weld, or Full)) (No. of Courses)
8. Heads: (a) Matl. SA517-F (b) Matl. SA517-F
(Spec. No., Grade) (Spec. No., Grade)

	Location (Top, Bottom, Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a)	End	.250	Nil					48"		Concave
(b)	End	.250	Nil					48"		Concave

If removable, bolts used (describe other fastenings):
9. MAWP 250 -20 250 115°F 500
psi at max. temp. °F
Min. design metal temp. °F at psi. Hydro., pneum., or comb. test pressure psi

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
Manway	1	16"	Flange	SA 517-F	1 3/4"		Weld	Head
Relief	2	3"	NPT	SA517-F	1 3/4"		Weld	Shell
Outlet	1	3"	NPT	SA517-F	1 3/4"		Weld	Shell
Outlet	2	3"	Flange	SA517-F	1 5/8"		Weld	Shell

11. Supports: Skirt No Lugs 2 Legs Other Attached
(Yes or no) (No.) (Yes) (Describe) (Others and how)

12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report: LPG Cargo Transport Capacity 11030 USWG
(Name of part, item number, etc., name and identifying stamp)
All material impact tested and Production impact tested at -20°F

CERTIFICATE OF SHOP COMPLIANCE

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 Pressure Vessels, Section VIII, Division 1. "U" Certificate of Authorization 20634 expires Oct. 6, 1992.
Date September 25, 1991 for name Superior Pressure Vessels Ltd. signed [Signature] (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by Superior Pressure Vessels Ltd. at Calgary
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of Alberta and employed by Government of Alberta
have inspected the component described in this Manufacturer's Data Report on September 25, 1991, and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME Code, Section VIII, Division 1. 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 Sept. 29, 1991 Signed [Signature] Commission MAUSA
(Authorized Inspector) (Name of Inspector, State, Province and No.)

1986 Edition

APPENDIX W — NONMANDATORY

Form U-4

FORM U-4 MANUFACTURER'S DATA REPORT SUPPLEMENTARY SHEET
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

1. Manufactured and certified by Superior Pressure Vessels Ltd., 7507-40 St.S.E., Calgary, AB T2C 2H5
I.C.G Propane Inc., 810, 10201 Southport Rd. S.W., Calgary, AB T2W 4X9

2. Manufactured for _____

3 Location of Institution Calgary, Alberta

4 Type Horizontal M-025 K2992.2 4-111-0 1991

Data Received From Number

Report

10	Inlet 1 - 3" NPT SA 517-F 1 3/4 Weld Shell
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~~10 - Outlet 1 - 2" NPT SA 517 F 1 3/4" Weld Shell~~

~~Inlet 1 - 1 1/4" NPT SA 517-F 1 3/4" Weld Shell~~

10	Inlet 1	3/1" NPT	SA 517-F	1 3/4" Weld Shell
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~~10 Gauges 2 - 8" Flange SA 517-F 1 3/4" Weld Shell~~

Date September 25, 1991

Co. Name

Superior Pressure Vessels Ltd.

Signed

Date SEP 25, 1991

Signatures

Commission

This Form (500118) is available from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300