

FORM U - 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

A 225740

1. Manufactured and certified by ALCO GAS & OIL PROD. EQUIP. LTD., 7415-53 Ave., Edmonton, Alberta T6C 4G3
(Name and address of manufacturer)

2. Manufactured for SOQUIP ALBERTA INC. 736 - 6 Ave., SW Calgary, Alberta
(Name and address of purchaser)

3. Location of installation I-11-46-27 W4M
(City, State, and address)

4. Type Vert 86C-3578-01 F-8555.2 A-10238 1986
(Type of vessel, tank, or container) (ASME Code) (Drawing No.) (Date of Report) (Year)

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 1983
(Year)

6. Shell: SA-516-70N 1 3/4" (44mm) 1/16" (1.58mm) 36" ID (914mm) 28'-0" S/S (8534mm)
(Shell, Size No., Grade) (Nom. Thickness) (Corr. Allow. (in)) (Length overall) (ft. & in.)

7. Seams: Welded-DBL Full 1100 I 3/4 Welded-Butt Full 3
(Longitudinal Jt. Spd., Lap, Butt) (RT Spec. Part of Full or Butt) (Fillet) (Crown) (Joint) (Type) (No. of Coats)

8. Heads: (a) Matl. SA-516-70N (b) Matl. SA-516-70N
(Spec. No., Grade)

Location (Top Bottom Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Original Radius	Crown Angle	Reinforcement	Heavy Attached	Location
(a) Top	<u>1/16 (1.58mm)</u>	<u>1/16 (1.58mm)</u>			<u>2-1</u>			<u>Welded</u>	<u>Shell</u>
(b) Bottom	<u>1/16 (1.58mm)</u>	<u>1/16 (1.58mm)</u>			<u>2-1</u>			<u>Welded</u>	<u>Top Head</u>
								<u>Welded</u>	<u>Bottom Head</u>
								<u>Welded</u>	<u>Shell</u>

9. MAWP 1440 psi at max. temp. 130 °F
(Min. temp. (when less than -20°F) (Hydro., pneu., or comb. test pressure) (Shell, Size No., Gr., Spec. No.)

10. Nozzles, inspection and safety valve openings:

Process (Inlet Outlet Drain)	No.	Dim. or Size	Type	Matl.	Reinforcement	Form	Head	Location
Gas Inlet	<u>1</u>	<u>6"RFWN</u>	<u>600#</u>	<u>SA-105</u>	<u>SCH-XXH SA-516-70 1"</u>		<u>Welded</u>	<u>Shell</u>
Gas Outlet	<u>1</u>	<u>6"RFWN</u>	<u>600#</u>	<u>SA-105</u>	<u>SCH-XXH SA-516-70 1"</u>		<u>Welded</u>	<u>Top Head</u>
Drain	<u>1</u>	<u>2"RFWN</u>	<u>600#</u>	<u>SA-105</u>	<u>SCH=160</u>		<u>Welded</u>	<u>Bottom Head</u>
L.C. (Water)	<u>1</u>	<u>2"</u>	<u>TOL</u>	<u>SA-105</u>	<u>6000#</u>		<u>Welded</u>	<u>Shell</u>

11. Supports: Skirt Yes Legs Other Attached Welded to Bottom Head
(Yes or no) (Where 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:
(Name of part, item number, Mfg.'s name and drawing title)

3 PH Glycol Contactor Capacity 5.8 cu ft
D.P. 9928 KPA @ 54 C Hydrostatic Test 14893 KPA

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 No. 14289 expires Oct. 24, 1986.
 Date Sept 29 1986 Co. name Alco Gas & Oil Prod. Equip. Ltd (Name of Manufacturer)

Vessel constructed by Alco Gas & Oil Prod. Equip. Ltd. at Edmonton
 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 Province of Alberta
 have inspected the component described in this Manufacturer's Data Report on Sept 29, 19 86, 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 1986 Signed L. Hayes (Authorized Inspector) Alberta (State/Province)

A225790

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 ALCO GAS & OIL PROD. EQUIP. LTD. 7415-53 Ave., Edmonton, Alberta T6C 4G3

2. Manufactured for SOQUIP ALBERTA INC. 13F.P., 736 - 6 Ave., S.W., Calgary, Alberta

3. Location of Installation 1-11-46-27 W4M

4. Type Vert (Name and address of purchaser) 86C-3578-01 (CRN) F-8555.2 (Date) A-10238 (Part. Bd. No.) 1986 (Year built)

Date Report Item Number	Remarks	
L.C. Oil	1 2"	TOL SA-105 6000# Welded Shell
L.G. Water w/plug	2 3/4"	TOL SA-105 6000# Welded Shell
Glycol Inlet	1 1"	TOL SA-105 6000# Welded Shell
Glycol Outlet	1 1"	TOL SA-105 6000# Welded Shell
Syphon Drain w/plug	1 1"	CPLG SA-105 6000# Welded Shell
Oil Outlet	1 1"	TOL SA-105 6000# Welded Shell
PI	1 1/2"	TOL SA-105 6000# Welded Shell
TI	1 3/4"	TOL SA-105 6000# Welded Shell
H.C.S.D	1 2"	TOL SA-105 6000# Welded Shell
Heating Coil	2 1"	CPLG SA-105 6000# Welded Shell
Chimney Tray Drain w/plug	1 1"	TOL SA-105 6000# Welded Shell
Tray Drains w/plugs	8 1/2"	TOL SA-105 6000# Welded Shell
LG Oil	2 3/4"	TOL SA-105 6000# Welded Shell
PSV	1 1 1/2"	TOL SA-105 6000# Welded Shell
Inspection w/blind	2 6"RFWN 600#	SA-105 XXH SA-516070 x1" Welded Shell

Date Sept 29 1986

Co. name Alco Gas & Oil Prod. Equip., signed [Signature]
(Manufacturer) Ltd.

Date Sept 29 1986 signed R. Hayes Commissions Alberta
(Authorized Inspector) (Name, Board (incl. endorsement), State, Prov., and No.)