

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

① 2545433

1. Manufactured and certified by Alco Gas & Oil Production Equipment Ltd. 7415 - 53 Ave Edmonton, Alberta
(Name and address of manufacturer)

2. Manufactured for ARKOMA PRODUCTION CO. LTD. 3000 - 350 - 7 Ave. S.W. Calgary, AB
(Name and address of purchaser)

3. Location of installation 1-16-43-2 W5M
(Name and address)

4. Type Vertical 89C-4105-02C F-9578.23 A-10623R5 1989
(Mount or vert. tank) (Mfg's serial No.) (CRN) (Drawing 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 1986
Year

to 1987
Addenda (Date) Code Case No. Special Section (per UG-120(d))

6. Shell: SA-516-70 .875"/22.2mm UG 25 20"OD / 508mm 28'-0" S/S 8534mm
(Matl. (Spec. No., Grade)) (Nom. Thk. (in.)) (Corr. Allow. (in.)) (Dim. I.D. (ft. & in.)) (Length (overall) (ft. & in.))

7. Seams: Welded Butt Full 100% N/A N/A Welded Butt Full 3
(Long (Welded, Dbl., Sngl., Lap, Butt)) (R.T. (Spot or Full)) (E.H. (ft.)) (H.T. Temp. (F)) (Time (hr.)) (Girth (Welded, Dbl., Sngl., Lap, Butt)) (R.T. (Spot, Partial, or Full)) (No. of Courses)

8. Heads: (a) Matl. SA-516-70 (b) Matl. SA-516-70
(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)	Top	.834/21	1mm			2:1				Concave
(b)	Bottom	.834/21	1mm			2:1				Concave

If removable, bolts used (describe other fastenings) _____
(Matl., Spec. No., Gr., Size, No.)

9. MAWP D.P. 1440/9928 kPa psi at max. temp. 130°/54°C °F
Min. design metal temp. -29C -20 °F at 1440 psi. Hydro., pneu., or comb. test pressure 2160 PSIG/14893 kPa psi.
9928 kPa

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Dim. or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
Inlet	1	3"RFWN	600#	SA-105	S/XXH		Welded	Shell
Outlet	1	3"RFWN	600#	SA-105	S/XXH		Welded	Head
Relief	1	1"TOI	3000#	SA-105			Welded	Shell
Press. Ind.	1	1/2"TOI	3000#	SA-105			Welded	Shell

11. Supports: Skirt yes Lugs _____ Legs _____ Other _____ Attached Welded to Bottom Head.
(Yes or no) (No.) (No.) (Describe) (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 identifying stamp)

Glycol Contactor Hydrostatic Test
Capacity 1.4 cu m

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. 14259 expires OCT 24, 1989.
Date May 18/89 Co. name Alco Gas & Oil Prod. Equipment Signed _____
(Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by Alco Gas & Oil Production Equipment Ltd. 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 May 18, 19 89, 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 May 18/89 Signed L Hayes Commissions Alberta
(Inspector) (State Board (not self-appointed), State, Prov. and No.)

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

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3. Location of installation 1-16-43-2-W5M
(Name and address)

4. Type Vertical 89C-4105-02 C F9578.23 A-10623R5 1989
(Material, vert., tank, etc.) (Mfg's serial No.) (CRN) (Dwg) (Part, Bd. No.) (Year built)

Data Report		Remarks				
Item Number						
Temp. Ind.	1	3/4" TOL	3000#	SA-105	Welded	Shell
Liquid Out	1	1" CPLG	3000#	SA-105	Welded	Shell
Glycol Coil	2	1" CPLG	3000#	SA-105	Welded	Shell
Glycol Out	1	1" TOL	3000#	SA-105	Welded	Shell
Glycol In	1	1" TOL	3000#	SA-105	Welded	Shell
Water Level Control	1	2" TOL	3000#	SA-105	Welded	Shell
Water Level Gauge	2	3/4" TOL	3000#	SA-105	Welded	Shell
Oil Level Gauge	2	3/4" TOL	3000#	SA-105	Welded	Shell
Oil Level Control	1	2" TOL	3000#	SA-105	Welded	Shell
Oil Out	1	1" TOL	3000#	SA-105	Welded	Shell
Chimney Tray	1	1" TOL	3000#	SA-105	Welded	Shell
Tray Drains	7	1/2" TOL	3000#	SA-105	Welded	Shell
Inspection	1	2" TOL	3000#	SA-105	Welded	Shell
Equalizer	1	1" TOL	3000#	SA-105	Welded	Shell
HLSD	1	2" TOL	3000#	SA-105	Welded	Shell

Date May 18/89 Co. name Alco Gas & Oil Production Equipment Ltd. Signed [Signature]
(Manufacturer)

Date May 18/89 Signed [Signature] Commissions Alberta
(Authorized Inspector) (State Board (and endorsement), State, Prov. and No.)