

A201108

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

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1. Manufactured by Penfabco Ltd. 5720-103A Street, Edmonton, Alberta T6H 2J5.
2. Manufactured for Argo Sales Ltd. #305, 603-7th Avenue S.W., Calgary T2P 2T5.
3. Location of Installation Stock Item.
4. Type Vertical PE1407 E1773.213 PEN1237 (Year Built) 1982

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 1980 (Year) and Addenda to Winter 80 and Code Case Nos. Special Service per UG-120(d) Manufacturers' Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report:

6. Shell: Matl. SA-516-70 Nom. Thk. 10mm in. Corr. Allow. 0 in. Diam. 782mm. O.D. 3836mm. Length ft. in.
7. Seams: Long. WDB R.T. Spot Eff. 85 % H.T. Temp. F Time hr. Girth WDB R.T. Spot No. of Courses
8. Heads: (a) Material SA-516-70 (b) Material SA-516-70

Table with 10 columns: 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). Rows for Top and Bottom.

9. Const. for max. AWP 1620kPa psi at max. temp. 38 C (Material, Spec. No., Gr., Size, No.)
10. Safety Valve Outlet Number Size Location Installation by others.
11. Nozzles and Inspection Openings:

Table with 10 columns: Purpose (Inlet, Outlet, Drain), No., Diam. or Size, Type, Matl., Nom. Thk., Reinforcement Matl., How Attached, Location. Content: Refer to drawing No. PEN-1237

12. Supports: Skirt Yes Lugs - Legs - Other - Attached Welded to bottom head

13. Remarks: Ultimate Owner: Argo Sales Ltd. #305, 603-7th Avenue, S.W. Calgary, Alberta T2P 2T5.

m3
Volume: 1.47 2-Phase Vertical Separator

CERTIFICATE OF 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.
Date 4-2 Signed Penfabco Ltd. by J. Balaban "U" Certificate of Authorization No. 14,383 expires 1-10, 19 84

CERTIFICATE OF SHOP INSPECTION

Vessel made by Penfabco Ltd. at Edmonton, Alberta
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Alberta and employed by The Province.
have inspected the pressure vessel described in this Manufacturers' Data Report on April 13, 1984 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.
Signed [Signature] Date 4/13/84 Commissions [Signature]