

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

1. Manufactured and certified by BROMLEY MECHANICAL SERVICES (1985) LTD., 925 - 23 STREET S.W. MEDICINE HAT, ALBERTA CANADA T1A 8R1
(Name and address of manufacturer)

2. Manufactured for Aristar Corporation, P.O. Box 204, Halkirk AB, T0C 1M0
(Name and address of purchaser)

3. Location of installation For Resale
(Name and address)

4. Type: Horizontal Separator 626042 T4475.2 32048-REG 2 Rev.0 2006
(Horiz. or vert. tank) (Mfr's serial No.) (CRN) (Drawing no.) (Nat'l Bd. 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
Year 2004
to 2005 n/a n/a
Addenda (Date) Code Case Nos. Special Service per UG 120(d)

6. Shell: SA516-70N 1.250" 0.125" 60" id 20'-0"s/s
Matl. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)

7. Seams: Single (Type 1) Full 100% 1150°F 90 Min. Single (Type 1) Full 2
Long. (Welded, Dbl., Sngl., Lap, Butt) R.T. (Spot or Full) Eff. (%) 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. SA516-70N (b) Matl. SA516-70N
(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	1.1250"	0.125"	n/a	n/a	2:1	n/a	n/a	n/a	Concave
(b)	End	1.1250"	0.125"	n/a	n/a	2:1	n/a	n/a	n/a	Concave

If removable, bolts used (describe other fastenings)

(Matl., Spec. No., Gr., Size, No.)

9. MAWP 720 psi at max. temp. 100°F °F
Min. design metal temp. -20 °F at 720 psi. Hydro., ~~PSV, or other~~ test pressure 936 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	20"	CL300RFHB	SA105N	2.500"		UW16.1(e)	Datum Head
Inlet/Outlet	2	8"	CL300RFHB	SA105N	1.970"	-	UW16.1(e)	Shell
PSV(2), Liquid Out(2)	4	3"	CL300RFWN	SA105N, SA106B	0.438"	SA516-710N	UW16.1(a)(1)	Shell
LC(2), HLSD	3	3"	CL300RFLWN	SA105N	0.810"	-	UW16.1(e)	Shell
PI, TI, LG(4)	6	2"	CL300RFWN	SA105N, SA106B	0.344"	-	UW16.1(a)	Shell
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-

11. Supports: Skirt No Lugs 2 Legs 2 Other n/a Attached Shell/Welded
(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, Mfr's name and identifying stamp)

Volume: 432 cu ft or 12.23 cu m

PSV Supplied by Others Per UG125

CA: 0.125"

Impact Testing: No Per UG20f (1-5) & UCS66(a)(b)

Construction Drawing Cad No. 32420 Rev.0

CERTIFICATE OF SHOP / FIELD 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. 30634 expires 10/26/2007

Date Nov 09, 2006 Co. Name BROMLEY MECHANICAL SERVICES (1985) LTD. Signed [Signature]
(Manufacturer) (Representative)

CERTIFICATE OF SHOP / FIELD INSPECTION

Vessel constructed by BROMLEY MECHANICAL SERVICES (1985) LTD. at 925 - 23 STREET S.W. MEDICINE HAT, ALBERTA CANADA T1A 8R1

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 ABSA have inspected the component described in this Manufacturer's Data Report on Nov 9/06, 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 Nov 9/06 Signed [Signature] Commissions AB 260
(Authorized Inspector) (Nat'l Board. (incl. endorsements) State, Prov. and No.)