

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

436967

1. Manufactured and certified by SERVAL PROCESS INDUSTRIES, 6115-30 Street N.W., EDMONTON, AB T6J 1J8  
(Name and address of manufacturer)  
2. Manufactured for SELECT OILFIELD SERVICE, 9411-39TH AVE, EDMONTON, AB. T6E 5T3  
(Name and address of purchaser)  
3. Location of installation RESALE  
(Name and address)

4. Type HORIZ. INLET SEPARATOR 97-9280-1 N-5282.231 37-A-8879-0 N/A 1997  
(Horiz. or vert. tank) (Mfg's serial No.) (CRN) (Drawing No.) (Part 1 Ser. 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 1995  
Year

to 1996  
Address (Date)

6. Shell: SA-516-70MT 1.125 0.125 45.750 IN 15.0 FT S/S  
(Spec. No., Grade) (Nom. Thk. (in.)) (Corr. Allow. (in.)) (Diam. I.D. (ft. & in.)) (Length (overall) (ft. & in.))

7. Seams: TYPE I FULL 100% 1150 F 75 MIN TYPE I FULL TWO  
(Long (Welded, Dbl., Singl., Lap, Butt)) (R.T. (Spot, Partial or Full)) (Eff. (%)) (H.T. Temp. (°F)) (Time (hr)) (Grth (Welded, Dbl., Singl., Lap, Butt)) (R.T. (Spot, Partial or Full)) (No. of Courses)

8. Heads: (a) Matl. SA-516-70MT (b) Matl. SA-516-70MT  
(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) LEFT	1.220	0.125			2:1				CONCAVE
(b) RIGHT	1.220	0.125			2:1				CONCAVE

If removable, bolts used (describe other fastenings) N/A  
(Matl., Spec. No., Cr., Stan. No.)

9. MAWP (4965KPa) 720 psi at max. temp. (53 C) 128 °F  
Min. design metal temp. (-29 C) -20 °F at 720 psi. Hydro., pneu., or comb. test pressure (7447KPa) 1080 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
INLET	1	6 IN	RFWN/ PIPE	SA-105N/SA-106B	300#/XXH	N/R	UW-14.1(C) (NO B.S.)	HEAD
GAS OUT	1	6 IN	RFLWN	SA-350-LF2	300#	N/R	UW-14.1(C) (NO B.S.)	SHELL
PSV, HLSD, WTR & OIL OUT	4	3 IN	RFLWN	SA-105N	300#	N/R	UW-14.1(C) (NO B.S.)	SHELL
LC (WTR & OIL), LG (WTR & OIL), TLP/VENT	10	1.5 IN	RFWN/PIPE	SA-105N/SA-106B	300#/XXH	N/R	UW-14.1(C) (NO B.S.)	SHELL
DRAIN	1	2 IN	RFWN/PIPE	SA105N/SA516-70MT	300#/XXH	N/R	UW-14.1(C) (NO B.S.)	SHELL
MANWAY	1	20 IN	RFWN/PLATE	SA105N/SA516-70MT	300#/1 IN PLATE	1.125 X 28 OD SA516-70MT	UW-14.1(C) (NO B.S.)	HEAD

11. Supports: Skirt NO Lugs 2 Legs NO Other 2 SADDLES Attached WELDED TO SHELL  
(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: N/A  
(Name of part, item number, Mfg's name and identifying stamp)

IMPACTS EXEMPT PER UG-20(f) & UCS (66)(a)&(g), RADIOGRAPHY FULL PER JW 11(a)  
AS BUILT DRAWING 37-A-9280-2 VOL 179.8 CU. FT, REFERENCE DWG.# 37-A-8879-0

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. 19595 expires July 31, 19 99  
Date July 13/99 Co. name SERVAL PROCESS INDUSTRIES Signed [Signature]

CERTIFICATE OF SHOP INSPECTION  
Vessel constructed by SERVAL PROCESS INDUSTRIES 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 Alberta Boiler Safety Association  
have inspected the component described in this Manufacturer's Data Report on Nov 25, 19 97, 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 99-7-13 Signed [Signature] Commissions ALBERTA 39R  
(Authorizing Inspector) (Part 1 Board (includes endorsements), State, Prov. and No.)