

**FORM U-1A 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

02638748  
 JUL 12 1999

1. Manufactured and certified by Nusco Pipe & Supply Ltd. 1604-8th Street Nisku, Alberta T0C 2G0  
(name and address of manufacturer)

2. Manufactured for Same As Above  
(name and address of purchaser)

3. Location of installation Rental Stock  
(name and address)

4. Type Vert. Separator 8814-02 K-0965.2 5913-90-04 Rev. 2 - 1990  
(part, or part, item) (part's name no.) (QTR) (drawing no.) (part, or, 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 Code, Section VIII, Division 1: 1999  
(year)

6. Shell: SA-516-70N .375 .125 30" 8'0" Seam/Seam  
(part, spec. no., grade) (part, spec. no.) (corr. allow. (in)) (dia. (in)) (height (feet)) (in. & fr.)

7. Seams: SHGL Butt Full RTZ 100 1100 25 Min SHGL Butt RTZ Full 1  
(type, location, etc.) (type, size, body) (HT (part or full)) (HT (in)) (HT temp. (°F)) (min. (in)) (type, location, etc.) (type, size, body) (part, spec. no., grade) (part, spec. no., grade)

8. Heads: (a) SA-516-70N (b) SA-516-70N  
(part, spec. no., grade) (part, spec. no., grade)

Location (top, bottom, ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Nozzle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (convex or concave)
(a) Top	.3366	.125	-	-	2:1	-	-	-	-
(a) Bottom	.3366	.125	-	-	2:1	-	-	-	-

If removable, bolts used (describe other fastenings):  
(part, spec. no., pt., dia. no.)

9. MAWP 250 at max. temp. 100 Min. temp. -20 Hydro., pneu. or comb. test pressure 375  
(PSI) (°F) (min. less than -20°F) (PSI)

10. Nozzles, inspection and safety valve openings:

Purpose (jets, vents, drains, etc.)	No.	Dia. or Size	Type	Mat.	Thick-ness	Reinforcement (flat)	How Attached	Location
Sec Attached								
U-4 Foam								

11. Supports: Skin YES Lugs - Legs - Other - Attached Welded Bottom Head  
(yes or no) (yes) (yes) (yes) (describe) (where & how)

12. Remarks: Manufacturers' Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report: Separator  
(name of part, item number, etc.'s name and identifying stamp)

Hydrotested Horizontally  
Capacity 44.7 Cu.Ft.  
Impact testing not required in accordance with UG-20(f) & UCS-66

**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. 24770 expires Dec. 19 93  
 Date JUL 12 1999 Name Nusco Pipe & Supply Ltd. Signed [Signature]  
(manufacturer) (representative)

**CERTIFICATE OF SHOP INSPECTION**  
 Vessel constructed by Nusco Pipe & Supply Ltd. at 1604-8th Street Nisku, Alta. T0C 2G0  
 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 Boiler's Branch  
 of Alberta have inspected the component described in this Manufacturers' Data Report on JUL 12 1999, 1999 and state that to the best of my knowledge and belief, the manufacturer has constructed this pressure vessel in accordance with the 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 the Manufacturers' 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 JUL 12 1999 1999 Signed [Signature] Commissions Alberta  
(authorized inspector) (part. B6 (incl. endorsement state, prov. and no.))

NOTE: Form U-1A is obtained from The National Board of Boiler and Pressure Vessel Inspectors, 1055 Crupper Ave., Col'n, OH 43229 U-1A