

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

JOB 31-0574

A# 485886

1. Manufactured and certified by MaXfield Inc. 1026 Western Drive, Crossfield, Alberta T0M 0S0
(Name and address of manufacturer)

2. Manufactured for Ferus Gas Industries 500 -640-8th Ave. S.W. Calgary, AB. T2P 1G7
(Name and address of purchaser)

3. Location of Installation Non-Stationary
(Name and Address)

4. Type: HORIZONTAL 38443A R4684.2 2003-0827D Rev A 233 2003
(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 2001
to 2002
Addenda(Date) Code Case Nos. Special Service per UG-120(d)

6. Shell: SA516-70 0.750" Nil 90" ID 47' 1"
Mat'l (Spec No., Grade) Nom Thk. (in.) Corr.Allow (in.) Diam I.D. (ft. & in.) Length (overall) (ft. & in.)

7. Seams: TYPE No. 1 FULL 100% N/A °F N/A TYPE No. 1 *SPOT 5
Long (Welded, Dbl., Segl., Lap, Butt) R.T. (Spot or Full) Eff. (%) H.T. Temp. (°F) Time (hr) Girth (Welded, Dbl., Segl., Lap, Butt) R.T. (Spot, Partial or Full) No. of Courses

8. Heads: (a) Mat'l. SA516-70 (b) Mat'l. SA516-70
(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)	END	0.7420"	Nil			2:1 S.E.				Concave
(b)	END	0.7420"	Nil			2:1 S.E.				Concave

If removable, bolts used (describe other fastenings) N/A
(Mat'l, Spec No., Gr, Size No.)

9. MAWP 325 psig. at max. temp. 115°F
Min. design metal temp. -20 °F at 325 psig Hydro., pneu., or comb. test pressure 427 psi.

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Mat'l.	Nom Thk.	Reinforcement Mat'l	How Attached	Location
Float Gauge	1	Float Gauge	Adaptor	SA181-60		Inherent	UW16.1(c)	Head
Vapour	1	2" NPS	300# RFSO	SA105N/SA106B	0.154"	Inherent	UW16.1(c)	Shell
Fill	1	4" NPS	300# RFSO	SA105N/SA106B	0.237"	SA516-70	UW16.1(c)	Shell
Continued on	Form	U4						

11. Supports :Skirt No Lugs 0 Legs 0 Other Sub-frame Pads Attached Shell Weld
(Yes or No) (No.) (No.) (Describe) (Where and How)

12. Remarks: Manufacturer's Partial 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, Mfr's name and identifying stamp)

16,500 USWG C02 Mobile Storage Manufacturer's Drawing # 2003-0827D Rev B

Surface Area = 1262 sq. ft *UW11(a)(5)(b) Tank not to be pressured during transport Impact test exempt per UG20(f)1-5

Pressure Vessel Inspected to registered design Safety Relief Valve per UG125 by others

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. 13 891 expires July 24, 2005
Date OCT 20/03 Co. name MaXfield Inc. Signed R. D. Davis
(Manufacturer) (Representative)

CERTIFICATE OF SHOP/FIELD INSPECTION

Vessel constructed by MaXfield Inc. at 1026 Western Drive, Crossfield, Alberta
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 Alberta Boilers Safety Association have inspected the component described in this Manufacturer's Data Report on OCT 21/03 2003, 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 OCT 21/03 Signed R. M. Cornie Commissions NB# 11117A, AB# 96
(Authorized Inspector) (Nat'l Board (Incl. endorsements), State, Prov. and No.)

