

A160405

July 26  
D. Holuk

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

1. Manufactured by Maloney Steel Ltd. P.O. Box 5069 Stn A Calgary, Alta T2H 1X1  
2. Manufactured for Ocelot Industries Ltd.  
3. Location of Installation Chinook, Alberta  
4. Type Vertical (Horiz. or vert. tank) 79-7011-A (Mfg's Serial No.) D-3901-2 (CRN) 7011-A (Drawing No.) (Nat'l Brd No.) (Year Built) 79  
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 and Addenda to 31 Dec 78 (Date) 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: \_\_\_\_\_

AUG 08 1979

6. Shell: Matl. SA-516-70 (Spec. No., Grade) Nom. 1.125 Thk. in. Corr. .0625 in. Allow. in. Diam. 30 in. Lgth. 25 ft 6 in.  
7. Seams: Long. Single Butt Weld (Welded, Dbl, Sngl, Lap, Butt) R.T. Full Efficiency 100 % H.T. Temp. ---- F Time ---- hr  
Girth Single Butt Welded (Welded, Dbl, Sngl, Lap, Butt) R.T. Full (Spot, Partial, or Full) No. of Courses 3  
8. Heads: (a) Material SA-516-70 (Spec. No., Grade) (b) Material SA-516-70 (Spec. No., Grade)

Location (Top, Bottom, Ends)	Min. Thk.	Corr. Allow.	Crown Radius	Knuckle Radius	Ellipse Ratio	Conical Apex Angle	Hemiph. Radius	Flat Diam.	Side to Pressure (Convex or Concave)
(a) TOP	1.015	.0625			2:1				Concave
(b) BOTTOM	1.015	.0625			2:1				Concave

If removable, bolts used (describe other fastenings) \_\_\_\_\_ (Material, Spec. No., Gr., Size, No.)

9. Constructed for max. allowable working pressure 1100 psi at max. temp. 200 F. Min. temp. (when less than -20 F) \_\_\_\_\_ F. Hydrostatic, pneumatic, or combination test pressure 1756 psi.

10. Safety Valve Outlets: Number \_\_\_\_\_ Size \_\_\_\_\_ Location \_\_\_\_\_

11. Nozzles and Inspection Openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
Pres Gauge	1	1 1/2"	6000# Cplg	A-105-II	6000#		Welded	Shell
Thermowell	1	3/4"	6000# Cplg	A-105-II	6000#		Welded	Shell
Level Gauge	4	3/4"	6000# Cplg	A-105-II	6000#		Welded	Shell
Drain	1	1"	6000# Cplg	A-105-II	6000#		Welded	Bottom Hd.
Condensate Outlet	1	1"	6000# Cplg	A-105-II	6000#		Welded	Shell
High Level Switch	1	2"	6000# Cplg	A-105-II	6000#		Welded	Shell
Inspection	2	2"	6000# Cplg	A-105-II	6000#		Welded	Shell
Glycol Drain	1	1"	600# RFWN	A-105	.250"		Welded	Shell

12. Supports: Skirt Yes (Yes or no) Lugs \_\_\_\_\_ (No.) Legs \_\_\_\_\_ (No.) Other \_\_\_\_\_ (Describe) Attached Welded Shell (Where and how)

13. Remarks: Glycol Absorber Tower

Volume = 132 cubic feet.

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 26 July 79 Signed Maloney Steel Ltd. (Manufacturer) by L. Holuk (Representative)

"U" Certificate of Authorization No. 2906 expires March 30, 1980

CERTIFICATE OF SHOP INSPECTION

Vessel made by Maloney Steel Ltd. at Calgary, 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 Boilers Branch have inspected the pressure vessel described in this Manufacturers' Data Report on July 26 1979, 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 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.

Signed [Signature] (Inspector) Date July 26 1979 Commissions ALBERTA (Nat'l Board, State, Province and No.)

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FORM U-4 MANUFACTURERS' DATA REPORT SUPPLEMENTARY SHEET  
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

1. Manufactured by Maloney Steel Ltd. 8825 Shepard Road, S.E. Calgary, Alta  
(Name and address of manufacturer)  
2. Manufactured for Ocelot Industries Ltd.  
(Name and address of purchaser)  
3. Location of Installation Chinook, Alberta  
(Name and address)  
4. Type Vertical Vessel Number 79-7011-A D-3901-2 7011-A  
Horiz. Vert. Tank, etc. Mfgr. serial CRN Dwg Nat'l. Brd. No.  
Year Built 1979

Data Report Item Number	Remarks				
Glycol Outlet	1	1"	600# RFWN	A-105	.250" Welded Shell
Glycol Inlet	1	1"	600# RFWN	A-105	.250" Welded Shell
Glycol Coil	2	1"	600# RFWN	A-105	.250" Welded Shell
Relief	1	2"	600# RFWN	A-105	.344" Welded Top Head
Level Control	2	4"	600# RFWN	A-105	.531" Welded Shell
Gas Outlet	1	6"	600# RFLWN	A-105	.719" Welded Top Head
Gas Inlet	1	6"	600# RFLWN	A-105	.719" Welded Shell

Date 26 Jun 79 Maloney Steel Ltd. Signed L. Holuk  
Manufacturer

Date July 26/79 Authorized Inspector's Signature [Signature] Commissions ALBERTA  
Natl. Board, State, Province and No.