A160545

(A)160545
Oct 9/79

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 Station "A" T2H 1X1
2. Manufactured for Petrofina Canada
3. Location of Installation Greencourt, Alberta
4. Type Horizontal (Horiz. or vert. tank) 79-7019-A (Mfgr's Serial No.) D-4233.2 (CRN) 7019-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 77 (Year) 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:

6. Shell: Matl. SA-516-70 (Spec. No., Grade) Nom. Thk. 9.5mm in. x Corr. Allow. 1.5mm in. xx Diam. 1219 mm in. Lgth. 2190mm ft xx in.
7. Seams: Long. Single Butt Welded (Welded, Dbl. Sngl, Lap, Butt) R.T. Full (Spot or 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 1
8. Heads: (a) Material SA-285-C (Spec. No., Grade) (b) Material SA-285-C (Spec. No., Grade)

	Location (Top, Bottom, Ends)	Min. Thk.	Corr. Allow.	Crown Radius	Knuckle Radius	Ellipse Ratio	Conical Apex Angle	Hemisph. Radius	Flat Diam.	Side to Pressure (Convex or Concave)
(a)	L. End	9.5mm	1.5mm			2:1				Concave
(b)	R. End	9.5mm	1.5mm			2:1				Concave

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

9. Constructed for max. allowable working pressure 172 KPa xx at max. temp. 343 degC x. Min. temp. (when less than −20 F) F. Hydrostatic, pneumatic, or combination test pressure 260 KPa xx
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
Outlet	2	8"	150# RFWN	SA-105	.500"		Welded	L. End
PI	1	1/2"	3000 Cplg	SA-105	3000#		Welded	Shell
TI	1	1/2"	3000 Cplg	SA-105	3000#		Welded	Shell
LG	2	1/2"	3000 Cplg	SA-105	3000#		Welded	Shell
Drain	2	3"	150# RFWN	SA-105	.300		Welded	Shell
ANode	2	4"	150# RFWN	SA-105	.337		Welded	Shell
Inlet	2	8"	150# RFWN	SA-105	.500		Welded	L. End
Outlet	1	12"	150# RFWN/Blind	SA-105	1.1875		Welded	Shell
Manway	1	16"	50# RFWN/Blidd	SA-285C	0.375		Welded	Shell

12. Supports: Skirt (Yes or no) Lugs (No.) Legs (No.) Other (Describe) Attached (Where and how)
13. Remarks: Sludge Collector With Saddles
Volume = 4.94 cubic metr.

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 Oct 9/79 Signed Maloney Steel Ltd. (Manufacturer) by A. Eerbeek (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 Oct 9 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 (Inspector) Date Oct 9/79 Commissions ALBERTA (Nat'l Board, State, Province and No.)