

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

A250491

- Manufactured and certified by Fasoli Manufacturing Ltd. 3528 - 80th Avenue S.E. Calgary, AB T2C 1J3
(Name and address of manufacturer)
- Manufactured for Esso Resources Canada Ltd. 237 - 4th Avenue S.W. Calgary, AB T2P 0H6
(Name and address of purchaser)
- Location of installation Judy Creek Plant NE1/4-25-64-11-W5M
(Name and address)
- Type Horizontal Tank FM-89-141 H9629.2 FM-89-1672 R4 - 1990
(Model, or serial, tank) (Mfg. serial No.) (CRN) (Drawing No.) (Nett. Bd. No.) (Year built)
- 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 1986
Year

To 1988
Addenda (Date) Code Case No. Special Service per UG-120(d)

- Shell: SA-240TP304L .375" .059" 66" Approx. 237.25"
(Matl. Spec. No., Grade) (Nom. Thk. (in.)) (Corr. Allow. (in.)) (Diam. I.D. (ft. & in.)) (Length overall (ft. & in.))
- Seams: Single Butt Full* 100% - Single Butt Full* 2
(Long. Welded, Dbl., Sngl., Lap, Buttl) (R.T. (Spot or Full)) (EM. (%)) (H.T. Temp. (°F)) (Turn (in.)) (Circ. Welded, Dbl., Sngl., Lap, Buttl) (R.T. (Spot, Partial, or Full)) (No. of Courses)
- Heads: (a) Matl. SA-240TP304L (Spec. No., Grade) (b) Matl. SA-240TP304L (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	.490"	.059"	-	-	2:1	-	-	-	Concave
(b) End	.490"	.059"	-	-	2:1	-	-	-	Concave

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

- MAWP 150 psi at max. temp. 149 °F
Min. design metal temp. -202 °F at 150 psi. Hydro., pneu., or comb. test pressure 270 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
Vap. Inlet	1	12"	RFWN	SA-312TP304L/SA-182F304L	.500"	SA240TP304L	Welded	Shell
Vap. Outlet	2	10"	RFWN	SA-312TP304L/SA-182F304L	.500"	SA240TP304L	Welded	Shell
Manway	1	20"	RFWN	SA-312TP304L/SA-182F304L	.375"	SA240TP304L	Welded	Head
Vent	1	6"	RFWN	SA-312TP304L/SA-182F304L	.432"	SA240TP304L	Welded	Shell

- Supports: Skirt No Lugs - Legs - Other Saddles Attached Welded to Shell
(Yes or no) (No.) (No.) (Describe) (Where and how)

- Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report:

Impact test exempt per UHA-51 : Hydrotested in horizontal position

*Radiography per UW11(a) 5 (b) : Approx. volume 442 cu. ft.

12-5-78

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. 23479 expires June 17, 1991.
Date April 6 90 Co. name Fasoli Manufacturing Ltd. Signed [Signature]
(Manufacturer) (Recommendation)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by Fasoli Manufacturing Ltd. at 3528 - 80th Avenue S.E. Calgary, AB T2C 1J3

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 component described in this Manufacturer's Data Report on April 26, 1990, 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 Apr 26/90 Signed [Signature] Commissions Alberta
(Authorizing Inspector) (State, Province and City)

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

① 250491

1. Manufactured and certified by Fasoli Manufacturing Ltd. 3528 - 80th Avenue S.E. Calgary, AB T2C 1J3
(Name and address of manufacturer)

2. Manufactured for Esso Resources Canada Ltd. 237 - 4th Avenue S.W. Calgary, AB T2P 0H6
(Name and address of purchaser)

3. Location of Installation Judy Creek Plant NE 1/4-25-64-11-W5M
(Name and address)

4. Type Horizontal Tank FM-89-141 H9629.2 FM-89-1672 R4 - 1990
(Name, type, etc.) (Mfg's. serial No.) (CRN) (Draw) (Inst. Bd. No.) (Year built)

Data Report

Item Number

Remarks

#10							
Purpose	No.	Size	Type	Material	Thk	Reinf.	How attached
Lic. Outlet	1	3"	RFWN	SA-312TP304L/SA-182F304L	.438"	-	Welded
TI	1	2"	RFWN	SA-312TP304L/SA-182F304L	.344"	-	Welded
TSLL	1	2"	RFWN	SA-312TP304L/SA-182F304L	.344"	-	Welded
PI	1	2"	RFWN	SA-312TP304L/SA-182F304L	.344"	-	Welded
LG	4	1 1/2"	RFWN	SA-312TP304L/SA-182F304L	.281"	-	Welded
LSH	4	1"	RFWN	SA-312TP304L/SA-182F304L	.250"	-	Welded
Sump	1	24"	Shell	SA240TP304L	.375"	SA240TP394L	Welded
							Shell

#8 Heads :

Location Min Thk
 Sump .365"

Ellip. Ratio

2:1

Side to Pressure

Concave

Date April 6 90 Co. name Fasoli Manufacturing Ltd. Signed [Signature]
(Date) (Manufacturer) (Representing firm)

Date 1990/4/26 Signed [Signature] Commissions Alberta
(Date) (Authorized Inspector) (Inst. Board final endorsement), State, Prov., and No.)