

FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS

(Alternative Form for Single Chamber, Completely Shop or Field Fabricated Vessels Only)

As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

478904

1. Manufactured and certified by NAICO CANADA LTD., 5710 - 17TH STREET, EDMONTON, ALBERTA, T6P 1S4

(Name and address of manufacturer)

2. Manufactured for MARATHON CANADA LTD 1000, 444 7TH AVE SW CALGARY AB T2P 0X8

(Name and address of purchaser)

3. Location of installation MAJORVILLE 9-15-19-W4

(Name and address)

4. Type Vertical (Horiz or vert. tank) 42795-55A (Mfr's serial No.) L6540.2 (CRN) 42795-55A (Drawing No.) N/A (Nat'l Bd. No.) 2002 (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

to 2001 Addenda (Date) Code Case Nos Special Service per UG-120(d)

6. Shell SA-106-B Matl (Spec No., Grade) 0.844" Nom. Thk (in) 0.0625/1.6 Corr. Allow (in) 16" OD 7'-6" S S Length (overall) (ft. & in)

7. Scams Long (Welded, Dbl. Sngl. Lap, Butt) R 1 (Spot or Full) N/A Time (hr) Type 1 RT2 R 1 (Spot, Partial, Full) No. of Courses

8. Heads (a) Matl. SA-516-70N (Spec No., Grade) (b) Matl. SA-516-70N (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) Bottom	0.6875"	0.0625/1.6			2:1				Concave
(b) Top	0.6875"	0.0625/1.6			2:1				Concave

If removable, bolts used (describe other fastenings)

9. MAWP 1440 psi at max. temp. 130 °F 1872 psi. Min. design metal temperature -20 °F at 1440 psi. Hydro., pneu., or comb. test pressure

10. Nozzles inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Material	Nom. Thick.	Reinforcement Matl.	How Attached	Location
See U-4 form								

11. Supports: Skirt (Yes or no) Yes Legs (No) Other Attached Bottom head welded (Where and how)

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

(Name of part, item number, Mfr's name and identifying stamp)

Impact test exempt as per UG-20 (D) 1-5 Total Volume 9.2 cu-ft. PSV location per UG-125. Construction DWG. 42795-55 rev 0. S.O# 42795

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, "1" Certificate of Authorization No. 24,376, expired July 17, 2004.

Date DEC 04 2002 Co. name NAICO CANADA LTD. Signed (Signature) (Representative)

(Manufacturer)

CERTIFICATE OF SHOP/FIELD INSPECTION

Vessel constructed by NAICO CANADA LTD. at EDMONTON, 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

DEC 4 2002 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 02-12-04 Signed (Signature) (Authorized Inspector) ALTA 54081 (Commissions)

(Not Board and Commissioned)

SHOP ORDER #

As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1 (A) 478904

4. Type:	HORIZ.	SEPARATOR	42795-55A
	(Horiz. vert. or sphere)	(Tank, separator, heat exch. etc.)	(Mfg.'s serial No.)
L 6540.2		RD 41981-55	2002
(CRN)		(Drawing No)	(Year built)
		N/A	(Nat'l Id. No.)

Remarks

Certificate of Authorization		Type	U	No.	24,376	Expires	JULY 7, 2004
Date	DEC 04 2002	Name	NATCO CANADA LTD.				
			(Manufacturer)				
Date	02-12-04	Name	[Signature]				
			(Authorized Inspector)				
			Commission				
			ALBERTA #54R				
			(Representative)				
			(Nat'l Board incl. endorsement, State, Province and No.)				
Shop Order #:							