FORM U-1 MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

H5826404

1 Manufactured and Certified by: MAR-QUINN INDUSTRIES LTD. 7115 Sparrow Drive, Leduc, AB T9E 7L1
(Name and address of Manufacturer)

2 Manufactured for: DEVON CORPORATION. 2000, 400-3rd Avenue S.W. Calgary, AB. Canada. T9E 7L1
(Name and address of Purchaser)

3 Location of installation: STOCK
(Name and address)

4 Type: VERTICAL (Horiz., vert., or sphere) | GLYCOL CONTACTOR (Tank, separator, jkt. vessel, heat exh., ect.) | 149-61-07 (Mfgr's serial No.)

T1223.21 (CRN) | 347 REV A (Drawing No.) | (Nat'l Bd. No.) | 2008 Year Built

5 ASME Code, Setion VIII, Div. 1 | 2004, 2006 Addenda (Edition and Addenda (date)) | - (Code Case No.) | - (Special Service per UG-120(d))

Item 6-11 incl. To be completed for single wall vessels, jackets of jacketed vessels, shell of heat exchangers, or chamber of multichamber vessels.

6 Shell (a) No. of course(s): 3 (b) Overall lengh (ft. & in.): 31' 4 3/4" S/S

Course(s)			Material	Thickness		Long. Joint (Cat. A)			Circum. Joint (Cat, A,B,& C)			Heat Treatment	
No.	Diameter, in.	Lengh (ft.& in.)	Spec./Grade or Type	Nom.	Corr.	Type	Full, Spot, None	Eff.	Type	Full, Spot, None	Eff.	Temp.	Time
3	24" OD	10' -0"	SA-516-70N	1"	0.125	1	FULL	1	1	Full	100%	1150°F	75 min

7 Heads: (a) SA-516-70N @ 1150°F for 75 Min. (Mat'l Spec., No., Grade, or Type) H.T. - Time & Temp. (b) SA-516-70N @ 1150°F for 75 Min (Mat'l Spec., No., Grade, or Type) H. T. - Time & temp.

	Location (Top, Bottom, Ends)	Thickness		Radius		Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side To Pressure		Category A		
		Min.	Corr.	Crown	Knuckle					Convex	Concave	Type	Full, Spot, None	Eff.
(a)	TOP	1.04"	0.125	-	-	2 : 1	-	-	-	-	Concave	S	NONE	100%
(b)	BOTTOM	1.04"	0.125	-	-	2 : 1	-	-	-	-	Concave	S	NONE	100%

If removable, bolts used (describe other fastening) STUD BOLTS, (24) 1 7/8" X13" LG c/w 2 NUTS EACH SA-194-2HM / SA-193-B7M (Mat'l Spec., No., grade, Size, No.)

8 Type of jacket - Jacket closure - ır, give dimentions - If bolted, describe or sketch.

9 MAWP 1415 psi (internal) - (external) psi at max. temp. 150°F (internal) - (external) °F Min. design metal temp. -20°F 1415 psi

10 Impact test No: Impact Test Exempt per UG-20(f), 1 Through 5, UCS-66(a) (c) Fig. UCS-66 Note e
(Indicate yes or no and the component(s) impact tested)

11 Hydro., pneu., or comb. test press. Hydro, 2123 psig Proof test -

Items 12 and 13 to be completed for tube sections.

12 Tubesheet: - [Stationary (Mat'l Spec. No.)] | - [Dia., in. (Subject to press.)] | - (Nom. Thk., in.) | - (Corr. Allow., in.) | - [Attachment (welded or bolted)]

- [Floating (Mat'l Spec. No.)] | - (Dai., in.) | - (Nom. Thk., in.) | - (Corr. Allow., in.) | - (Attachment)

13 - (Mat'l Spec., No., Grade or Type) | - (O. D., in.) | - (Nom. Thk., in.) | - (Number) | - [Type (Straight or U)]

Items 14 - 18 incl. to be completed for inner chamber of jacket vessel or channels of heat exchangers.

14 Shell (a) No. of Course(s) 1 (b) Overall Lengh (ft. & in.): 42'-0"

Course(s)			Material	Thickness		Long. Joint (Cat. A)			Circum. Joint (Cat, A,B,& C)			Heat Treatment	
No.	Diameter, in.	Lengh (ft.& in.)	Spec./Grade or Type	Nom.	Corr.	Type	Full, Spot, None	Eff.	Type	Full, Spot, None	Eff.	Temp.	Time
1	1"NPS	42'-0"	SA-106-B	0.358	0	S	NONE	1	1	FULL	1	1150°F	75 Min
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-

15 Heads: (a) SA-105N RFWN, H/T @1150°F for 75 Min (Mat'l Spec., No., Grade, or Type) H.T. - Time & Temp. (b) SA-105N RFWN, H/T @ 1150°F for 75 Min (Mat'l Spec., No., Grade, or Type) H. T. - Time & temp.

	Location (Top, Bottom, Ends)	Thickness		Radius		Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diamete	Side To Pressure		Category A		
		Min.	Corr.	Crown	Knuckle					Convex	Concave	Type	Full, Spot, None	Eff.
(a)	END	SCHXXH	0	-	-	-	-	-	-	-	-	-	-	-
	END	SCHXXH	0	-	-	-	-	-	-	-	-	-	-	-

If removable, bolts used (describe other fastening) - (Mat'l Spec., No., grade, Size, No.)

16 MAWP 1415 (internal) 1415 (external) psi at max. temp. 150 (internal) 150 (external) °F Min. design metal temp. -20 °F at 1415 psi

17 Impact test No: EXEMPT per UG-20(f) 1 Through 5. UCS-66(c). at test temperature of - °F
(Indicate yes or no and the component(s) impact tested)

18 Hydro., pneu., or comb. Test press. Hydro. 2123 psi Proof test -

19 Nozzles, inspection, and safety valve openings:

Purpose (Inlet, Outlet, Drain, etc.)	No.	Diameter or Size	Flange Type	Material		Nozzle Thickness		Reinforcement Material	How Attached		Location (Insp. Open.)
				Nozzle	Flange	Nom.	Corr.		Nozzle	Flange	
Inlet,Outlet,	2	4"NPS	CL600RF	SA-333-6	SA-105N	SCHXXH	0.125	SA51670N	UW16.1(c)	fig.2.4(6)	SHELL/HEAD
Water/Oil LLC/LLSD	3	3"NPS	CL600RF	SA-333-6	SA-105N	SCHXXH	0.125	SA51670N	UW16.1(c)	fig.2.4(6)	SHELL
INSP./HLSD	2	3"NPS	CL600RF	SA-333-6	SA-105N	SCHXXH	0.125	SA51670N	UW16.1(c)	fig.2.4(6)	SHELL
DRAIN	1	2" NPS	CL600RF	SA-106-B	SA-105N	SCH160	0.125	-	UW16.1(c)	fig.2.4(6)	HEAD
Water/Oil out/ PSV / TI	4	2"NPS	CL600RF	SA-106-B	SA-105N	SCH160	0.125	-	UW16.1(c)	fig.2.4(6)	SHELL
Water/Oil LG / PI	5	1"NPS	CL600RF	SA-106-B	SA-105N	SCHXXH	0.125	-	UW16.1(c)	fig.2.4(6)	SHELL
GLYCOL OUT/ LC BRIDL	3	1" NPS	CL600RF	SA-106-B	SA-105N	SCHXXS	0.125	-	UW16.1(c)	fig.2.4(6)	SHELL
INSPECTION TRAY	9	1" NPS	CL600RF	SA-106-B	SA-105N	SCHXXS	0.125	-	UW16.1(c)	fig.2.4(6)	SHELL
INSPECTION TRAY	1	1" NPS	CL600RF	SA-106-B	**	SCHXXS	0.125	-	UW16.1(c)	fig.2.4(6)	SHELL
GLYCOL INLET	1	1" NPS	CL600RF	SA-106-B	SA-105N	SCHXXS	0.125	-	UW16.1(c)	fig.2.4(6)	SHELL

20 Supports: Skirt Yes (Yes or No) Lugs - (No.) Legs - (No.) Other - (Describe) Attached HEAD: Welded

21 Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report: (List the name of part, item number, mfg.'s. name and identifying number)

22 Remarks: VOL: 85.85 cu.ft.Construction DWG. 1233-07-A1 REV-4 Vessel Hydro In Horizontal Position. Field Test @ 1840 PSI

** One Flange is SA-350-LF2 CL1. Flange Type For All are WN. Glycol Coil CA. 0.

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that all details of design, materials, construction, and workmanship of this vessel conform to the ASME Code for pressure Vessels, Section VIII, Division 1

U certificate of Authorization No. 33,420 Expires JULY 9,2008

Date 1/30/2008 Name Mar-Quinn Industries Ltd. (Manufacturer) Signed (Representative)

CERTIFICATE OF SHOP INSPECTION

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 ABSA of ALBERTA have inspected the pressure vessel described in the Manufacturer's Data Report on 1/30/2008, and state that, to the best of my knowledge and belief, the Manufacture 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 loss of any kind arising from or connected with this inspection.

Date 1/30/2008 Name (Authorized Inspector) Commissions AB# 87 (Nat'l Board incl. endorsement, State, Province and No.)

CERTIFICATE OF FIELD ASSEMBLY COMPLIANCE

We certify that the statements made in this report are correct and that the field assembly construction of all parts of this vessel conforms with the requirements of ASME Code, Section VIII, Division 1.

U certificate of Authorization No. Expires

Date Name (Assembler) Signed (Representative)

CERTIFICATE OF FIELD ASSEMBLY INSPECTION

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 and employed by ; have compared the statements in this manufacturer's data report with the described press vessel and state that parts referred to as data items , not included in the certificate of shop inspection, have been inspected by me and to the best of my knowledge and belief, the Manufacturer has constructed and assembled this pressure vessel in accordance with ASME Code, Section VIII, Division 1. The described vessel was inspected and subjected to a hydrostatic test of psi. 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 loss of any kind arising from or connected with this inspection.

ate Name (Authorized Inspector) Commissions (Nat'l Board incl. endorsement, State, Province and No.)

CERTIFIED BY

MAR-QUINN INDUSTRIES LTD.

Ph. (780)986-7805 Leduc, Alberta, Canada

1415 (9756)PSI (kPa) at 150 (65)°F(°C)
MAWP

N/A ( )PSI (kPa) at N/A ( )°F
Maximum allowable external working pressure

-20 (-29)°F (°C) at 1415 (9756)PSI (kPa)
MDMT

149-61-07 — Serial Number

2008 — Year Built

ITEM	CONTACTOR	SIZE 609 (mm)X	9144 (mm)
TYPE	VERTICAL	VOL.	2.43 (m^3)
CRN	T1223.21	C.A.	3.2 (mm)
SHELL MAT'L	SA-516-70N	NOM. SHELL THK.	25.4 (mm)
HEAD MAT'L	SA-516-70N	MIN. SHELL THK.	26.4 (mm)

GLYCOL COIL MAWP 1415 PSI AT 150°F 0"CA
MDMT -20°F : 1415PSI

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MAR-QUINN INDUSTRIES LTD.

Ph. (780) 986-7805 Leduc, Alberta, Canada

1415 (9756) PSI (kPa) at 150 (67)°F (°C)
MAWP

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GLYCOL COIL MAWP 1415 PSI AT 150°F, 0" CA