D583405

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 Boiler and Pressure Vessel Code Rules, Section VIII, Division 1

1. Manufactured and certified by MAR-QUINN INDUSTRIES LTD., 7115 Sparrow Dr., Leduc, AB T9E 7L1 (Name and address of Manufacturer)
2. Manufactured for SPECIALIZED TECH INC. 800, 744-4TH Ave. SW. Calgary AB. T2P 3T4 (Name and address of Purchaser)
3. Location of installation STOCK (Name and address)
4. Type HORIZONTAL (Horizontal or vertical, tank) | 1310-08-A1-6 (Manufacturer's serial number) | U3913.231 (CRN) | STI MODEL 400L. Rev2 (Drawing number) | 67 (National Board number) | 2008 (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 2007 (Year)

to - (Addenda (date)) - (Code Case numbers) - (Special service per UG-120(d))

6. Shell SA-333-GR6 (Material spec. number, grade) | 1.312 in. (Nominal thickness) | 0.125in (Corr. allow.) | 12 in. OD (Inner diameter) | 15 ft. s/s (Length (overall))
7. Seams TYPE S (E.long. (welded, dbl., sngl., lap, butt)) | SEAMLESS (R.T. (spot or full)) | 100% (Eff., %) | 1145 (H.T. temp.) | 1.5 (Time, hr) | TYPE # 1 (Girth (welded, dbl., sngl., lap, butt)) | FULL (R.T. (spot or full)) | 100 (Eff., %) | 3 (No. of courses)
8. Heads: (a) Material SEE ATTACHED U-2A (Spec. no., grade) (b) Material SA 350-LF2-CL1 RWN CL1500 (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	1.456"	0.125"	-	-	2:1	-	-	-	concave
(b)	FLANGE	0.629"	0.125"	-	-	-	-	-	-	-

If removable, bolts used (describe other fastenings) N/A (Material spec. number, grade, size, number)

9. MAWP 2900 PSI (Internal) - (External) at max. temp. 400 °F (Internal) - (External).
Min. design metal temp. -50°F at 2900 PSI. Hydro., pneu., or comb. test pressure HYDRO, 4350 PSI.
10. Nozzles, inspection, and safety valve openings:

Purpose (Inlet, Outlet, Drain)	Number	Diameter or Size	Type	Material	Nominal Thickness	Reinforcement Material	How Attached	Location
SEE ATTACHED U4								

11. Supports: Skirt NO (Yes or no) Lugs - (Number) Legs - (Number) Other SADDLES (Describe) Attached SHELL : 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: CLOSURE BY INLINE FLOW PRODUCTS LTD SN.36936 (Name of part, item number, Manufacturer's name and identifying stamp)

SEE ATTACHED U4

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 BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1, "U" Certificate of Authorization Number 33,420 expires July 9, 2011.

Date 9/17/2008 Co. name Mar-Quinn Industries Ltd. (Manufacturer) Signed (Representative)

CERTIFICATE OF SHOP/FIELD INSPECTION

Vessel constructed by Mar-Quinn Industries Ltd. at 7115 - Sparrow Drive Leduc Alberta Canada. T9E 7L1.

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 have inspected the component described in this Manufacturer's Data Report on 9/17/08, and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. By signing this certificate neither the Inspector nor his/her employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his/her 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 SEP 17, 2008 Signed (Authorized Inspector) Commissions NB12304 "A" "B", AB 136A (National Board (incl. endorsements), State, Province, and number)

D583405

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

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

2. Manufactured for SPECIALIZED TECH INC.
(Name and address of Purchaser)

3. Location of installation STOCK
(Name and address)

4. Type HORIZONTAL (Horizontal, vertical, or sphere) | MODEL 475L SERIES DESANDER (Tank, separator, heat exch., etc.) | 1310-08-A1-6 (Manufacturer's serial number)

U3913.231 (CRN) | STI MODEL 400L. REV2 (Drawing number) | 67 (National Board number) | 2008 (Year built)

Data Report Item Number	Remarks
N1 - INLET/INSP	NPS 6 in - CL1500 RFWN - SA350-LF2 CL-1 Attached TYPE 1 ON SHELL
N2- OUTLET	NPS 3 in - CL1500 RTJLWN - SA350-LF2 CL-1 Attached per UW-16.1(c) ON SHELL
N3- SAND MONITOR	NPS 2 in - CL1500 RTJLWN - SA350-LF2 CL-1 Attached per UW-16.1(a) ON SHELL
N5- REAR WASH	NPS 2 in - CL1500 RTJLWN - SA350-LF2 CL-1 Attached per UW-16.1(a) ON SHELL
N6 - PSV	NPS 1 1/2 in. - CL1500 RTJLWN - SA350-LF2 CL-1 Attached per UW-16.1(a) ON SHELL
N8 -LOWER WASH	NPS 2 in - CL1500 RTJLWN - SA350-LF2 CL-1 Attached per UW-16.1(c) ON SHELL
T6 - DEPRESSURE	NPS 1 in. - CL 6000 TOL - SA350-LF2 CL-1 Attached per UW-16.1(a) ON SHELL
T7 - SPARE	NPS 1 in. - CL 6000 TOL - SA350-LF2 CL-1 Attached per UW-16.1(a) ON SHELL
T8- DRAIN	NPS 1 in. - CL 6000 TOL - SA350-LF2 CL-1 Attached per UW-16.1(a) ON SHELL
REMARKS	DESANDER 1310-08-A1-1 REV.5
	IMPACT TEST : NO. EXEMPT PER UCS-66(g), WELD MATERIAL EXEMPT PER UCS-67(d)(2)
	VOLUME 9 cu.ft
	PSV BY OTHERS
	*INLET /INSP FLANGE ATTACHED TO PIPING
	RT UW-11(a)
	ECC. REDUCERS Machined as per Dwg. 1310-08-A1-1 , NPS 12X8 & NPS 12X6 , SA 350 LF2-CL1
	THIS VESSEL WAS BUILT BY SPECIALIZED TECH INC. CRN

Certificate of Authorization: Type "U" Certificate No. 33,420 Expires 9-Jul.-2011

Date SEP 17, 2008 Name Mar-Quinn Industries Ltd. (Manufacturer) Signed (Representative)

Date SEP 17, 2008 Name (Authorized Inspector) Commissions NB12304 "A" "B" , AB 136A
(National Board (incl. endorsements), State, Province, and number)

1310-08-A1-6
ITEM #

FORM U-2A MANUFACTURER'S PARTIAL DATA REPORT (ALTERNATIVE FORM)
A Part of a Pressure Vessel Fabricated by One Manufacturer for Another Manufacturer
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

1. Manufactured and certified by In-Line Flow Products Limited, 9426-39 Avenue, Edmonton, Alberta, Canada (Name and address of Manufacturer)
2. Manufactured for Stock (Name and address of Purchaser)
3. Location of installation Not Known (Name and address)
4. Type: NPS8 S160 In-Line Horizontal Closure (Description of vessel part (shell, two-piece head, tube bundle)) | 36928 to 36939 Inclusive (Mfr.'s serial No.) | OH4712.231 (CRN)
   N/A (Nat'l. Bd. No.) | CL03049 Rev 1 (Drawing No.) | In-Line Flow Products Limited (Drawing prepared by) | 2008 (Year built)
5. ASME Code, Section VIII, Div. 1 2007 Edition (Edition and Addenda (date)) | N/A (Code Case No.) | N/A (Special Service per UG-120(d))
6. Shell (a) No. of course(s): One (1) (b) Overall length (ft & in.): 0.00 Feet - 6.37 Inches

Course(s)			Material	Thickness		Long. Joint (Cat. A)			Circum. Joint (Cat. A, B & C)			Heat Treatment	
No.	Diameter, in.	Length (ft & in.)	Spec./Grade or Type	Nom.	Corr.	Type	Full, Spot, None	Eff.	Type	Full, Spot, None	Eff.	Temp.	Time
1	6.813	0.00 ft - 6.37 in	SA350 Grade LF2	0.906"	0.125"	S	None	1.00	N/A	N/A	N/A	N/A	N/A
			Class 1										
			Normalized										

7. Heads: (a) SA350 Grade LF2 Class 1 Normalized (Mat'l Spec. No., Grade or Type) (H.T. — Time & Temp.) (b) N/A (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)	End	1.456"	0.125"	8.625"							Yes	N/A	N/A	N/A
(b)														

If removable, bolts used (describe other fastening) Threaded Head/Hub (9.750-2-Modified Stub ACME-2G) (Mat'l Spec. No., Grade, Size, No.)

8. MAWP 3705 (internal) N/A (external) psi at max. temp. 400 (internal) Ambient (external) °F. Min. design metal temp. -50 °F at 3705 psi.
9. Impact test See Remarks (Indicate *yes* or *no* and the component(s) impact tested) at test temperature of ____ °F.
10. Hydro., pneu., or comb. test press. See Remarks Proof test N/A
11. 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	
Outlet	One	NPS 1/2	N/A	N/A	N/A	N/A	N/A	Inherent	Threaded	N/A	Shell
								UG-36(c)(3)(b)			

12. Identification of part(s)

Name of Part	Quantity	Line No.	Mfr's. Identification No.	Mfr's. Drawing No.	CRN	National Board No.	Year Built
N/A							
N/A							

13. Supports: Skirt No (Yes or no) Lugs N/A (No.) Legs N/A (No.) Others Davit (Describe) Attached Welded (Cap/Hub) (Where and how)
14. Remarks: See Form U-4 Supplementary Sheet (attached)

CERTIFICATE OF SHOP/FIELD COMPLIANCE

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

U Certificate of Authorization No. 33,859 Expires March 26, 2009

Date July 29, 2008 Name In-Line Flow Products Limited (Manufacturer) Signed ____ (Representative)

CERTIFICATE OF SHOP/FIELD 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 part described in this Manufacturer's Data Report on July 29, 2008, and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel part 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 part 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 29 July 2008 Signed ____ (Authorized Inspector) Commissions AB873A (Nat'l Board incl. endorsement, State, Province and No.)

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

1. Manufactured and certified by: In-Line Flow Products Limited, 9426-39 Avenue, Edmonton, Alberta, Canada (Name and address of Manufacturer)
2. Manufactured for: Stock (Name and address of Purchaser)
3. Location of installation: Not Known (Name and address)
4. Type: Horizontal (Horiz., vert., or sphere) | NPS8 S160 Closure (Tank, separator, heat exch., etc.) | 36928 to 36939 Inclusive (Mfr.'s serial No.)

OH4712.231 (CRN)	CL03049 Rev 1 (Drawing No.)	N/A (Natl. Bd. No.)	2008 (Year built)

Data Report Item Number	Remarks
1	Engineering and design by In-Line Flow Products Limited.
4	Drawing Number CL03049 Rev 2 used for construction.
6, 7	PWHT not performed on completed assembly. PWHT to be performed by others, if required by owner.
9	Hub and head material exempt from impact testing to -50F per UCS-66(g).
9	Material impact testing by material manufacturer.
9	Closure assembly not impact tested.
10	Hydrotest to be performed by others.
11	Closure equipped with one (1) 1/2" NPT Pressure Alert Fitting (Installed by In-Line Flow Products Limited).

Certificate of Authorization: Type U No. 33,859 Expires March 26, 2009

Date July 29, 2008 Name In-Line Flow Products Limited (Manufacturer) Signed (Representative)

Date 29 July 2008 Name (Authorized Inspector) Commission AB273A (Nat'l Board incl. endorsement, State, Province, and No.)

(11/05)