

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

A 540157

1. Manufactured and certified by IPS Manufacturing Limited, LSD: 1-16-40-16-W4M, Alberta Canada (Box 24, Halkirk, AB T0C 1M0)
(Name and address of Manufacturer)

2. Manufactured for Jiro Enerflex, Box 1450, Stettler, AB T0C 2L0
(Name and address of purchaser)

3. Location of installation Resale
(Name and address)

4. Type Hor. Slug Catcher V-3948-001 T 3254.2 IPS-24H-285 Rev. 0 N/A 2005
(Year Built)

5. The chemical and physical properties of all parts meet the requirements of material specification of the ASME BOILER AND PRESSURE VESSEL CODE. The design, construction, and workmanship conforms to ASME Rules, Section VIII, Division 1

to N/A N/A 2004
Addenda (Date) Code Case Nos. Year

6. Shell: SA-516-70N 0.50" 0.125" 24" OD 6' 0" S/S
Matl. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)

7. Seams Type 1 Full 100% 1150°F 85 min Type 1 Full 1
Long. (Welded, Dbl, Sngl, Lap, Butt) R.T. (Spot or Full) Eff. (%) H.T. Temp (F) Time (hr) Girth (Welded, Dbl, Sngl, Lap, Butt) R.T. (Spot Eff. (%) or Full) No. of Courses

8. Heads: (a) Material SA-516-70N (b) Material SA-516-70N
(Spec. No., Grade) (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	0.3125"	0.125"	N/A	N/A	2:1	N/A	N/A	N/A	Concave
(b)	End	0.3125"	0.125"	N/A	N/A	2:1	N/A	N/A	N/A	Concave

If removable, bolts used (describe other fastenings) N/A

9. MAWP 285 N/A 100°F N/A
(Matl. Spec. No., Gr., Size, No.)
 Internal External Internal External
 Min. design metal temp. -20°F F at 285 psi Hydro. pneu., or comb. test pressure 428 psi.

10. Nozzels, inspection and safety valve opening:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Material	Nominal Thickness	Reinforcement Materials	How Attached	Location
(N1) GAS INLET	1	4" NPS	Cl.150rfwn	SA-105N/SA-106B	0.531"	N/A	Fig. UW-16.1(c)	Shell
(N2) GAS OUTLET	1	3" NPS	Cl.150rfwn	SA-105N/SA-106B	0.438"	N/A	Fig. UW-16.1(c)	Shell
(C1) LSHH	1	2" Cl.6000	CPLG	SA-105N	N/A	N/A	Fig. UW-16.1(a)	Shell
(C2) LIQUID OUT	1	2" Cl.6000	TOL	SA-105N	N/A	N/A	Fig. UW-16.1(a)	Shell

11. Supports: Skirt No Lugs N/A Legs 2 Other Baseplate Attached Welded to Legs
(yes or no) (No.) (No.) Describe (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: N/A
(Name of part, item number, Mfg's name and identifying stamp)

Capacity: 20.6 Cu. Ft. PSV by others
 Construction drawing # V-3948-001 Rev.1 Continued on U-4 Supplementary Sheet

**Charpy impact testing is not required as per UCS-66 Curve D & Fig. UCS-66.1, UG-20(f)(1-5), UCS-66(b)(1)(b), UCS(b)(2) & UCS-66(b)(3)

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. <u>31.246</u> , expires <u>August 20, 2008</u>			
Date <u>December 9, 2005</u>	Co. name <u>IPS Manufacturing Limited, LSD: 1-16-40-16-W4M</u>	Signed <u>[Signature]</u>	(Representative)
CERTIFICATE OF SHOP INSPECTION			
Vessel constructed by <u>IPS Manufacturing Limited, LSD: 1-16-40-16-W4M</u> at <u>Halkirk, Alberta, Canada</u>			
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 <u>Alberta</u> and employed by <u>ABSA</u>			
have inspected the component described in this Manufacturer's Data Report on <u>December 9, 2005</u> , 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 <u>December 9, 2005</u>	Signed <u>[Signature]</u>	Authorized Inspector	Commissions <u>AB# 139 A</u> <small>Natl Board (Incl Endorsements) State, Prov. and No.)</small>

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 12.15.05

(A) 540157

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 IPS Manufacturing Limited, LSD: 1-16-40-16-W4M, Alberta Canada (Box 24, Halkirk, AB T0C 1M0)
(Name and address of Manufacturer)

2. Manufactured for Jiro Enerflex, Box 1450, Stettler, AB T0C 2L0
(Name and address of Purchaser)

3. Location of installation Resale
(Name and address)

4. Type: Hor. Slug Catcher Separator V-3948-001
(horizontal, vertical or sphere) (Tank, separator, heat exch., etc.) (Mfg's serial No.)
T 3254.2 IPS-24H-285 Rev. 0 N/A 2005
(CRN) (Drawing No.) (Nat'l. Bd. No.) (Year Built)

Data Report

Item Number	Remarks			
(C3) LSHH Option 1	2"	Cl.6000 CPLG SA-105N	Fig.UW-16.1 (a)	Shell
(C4) INSP. 1	2 3/8" ID	Cl.6000 TOL SA-105N	Fig.UW-16.1 (a)	Shell
(C5) INSP. 1	2 3/8" ID	Cl.6000 TOL SA-105N	Fig.UW-16.1 (a)	Shell
(C6) PSV 1	2"	Cl.6000 TOL SA-105N	Fig.UW-16.1 (a)	Shell
(C7) DRAIN 1	1"	Cl.6000 TOL SA-105N	Fig.UW-16.1 (a)	Shell
(C8) EQ LINE 1	1"	Cl.6000 TOL SA-105N	Fig.UW-16.1 (a)	Shell
(C9) LG 1	3/4"	Cl.6000 CPLG SA-105N	Fig.UW-16.1 (c)	Shell
(C10) TI 1	3/4"	Cl.6000 TOL SA-105N	Fig.UW-16.1 (a)	Shell
(C11) PI 1	1/2"	Cl.6000 TOL SA-105N	Fig.UW-16.1 (a)	Shell
(C12) LG 1	3/4"	Cl.6000 TOL SA-105N	Fig.UW-16.1 (a)	Shell
(C13) LSHH Option 1	2"	Cl.6000 CPLG SA-105N	Fig.UW-16.1 (a)	Shell

Certificate of Authorization: Type U No. 31,246 Expires August 20, 2008

Date December 9, 2005 Name IPS Manufacturing Limited Signed [Signature]
(Manufacturer) (Representative)

Date December 9, 2005 Name [Signature] Commission AB# 139 A
(Authorized Inspector) (Nat'l board incl. endorsement, State, Province and No.)

ABSA – the pressure equipment authority
 200, 4208 - 97 Street
 Edmonton AB T6E 5Z9

MANUFACTURER'S DATA REPORT
 FOR MINIATURE PRESSURE VESSEL
 DÉCLARATION DE CONFORMITÉ DU CONSTRUCTEUR
 D'APPAREILS SOUS PRESSION

Upon shipment of a pressure vessel, this form fully and correctly filled in must be mailed to the office of the Chief Inspector in the province of installation in accordance with the regulations under the Act, governing the construction and installation of pressure vessels.

Au moment de l'expédition d'un appareil sous pression, ce formulaire complété correctement, doit être envoyé au bureau de l'inspecteur en chef de la province d'installation tel que prévu dans les règlements de la loi sur les appareils sous pression.

Manufactured by Construit par	Name and address of Manufacturer/ Nom et adresse du constructeur Enerflex Systems Ltd. Box 1450 5221-46th Street Stettler, Alberta T0C-2L0
Manufactured for Construit pour	Name and address of Purchaser or Consignee/ Nom et adresse du client ou de son représentant Enerflex Systems Ltd. Box 1450 5221-46th Street Stettler, Alberta T0C-2L0
Ultimate owner Utilisateur	Name and address/ Nom et adresse Enerflex Systems Ltd. Box 1450 5221-46th Street Stettler, Alberta T0C-2L0
Location of installation Lieu d'installation	Name and address/ Nom et adresse stock

Pressure vessel/ Appareil

Type/ Genre Inlet Coalescing filter	Overall Length/Longueur totale 34 5/16" S/S	Serial No./ N° de série 055918	Year built/Année de fabrication 2006
Provincial Registration No. – C.R.N./N° d'enregistrement provincial - N.E.C. R0716.231			Drawing No./ N° de dessin CDL-2002-20 Rev. 0

The chemical and physical properties of all parts meet the requirements of material specifications of the A.S.M.E. Code.
 Les propriétés chimiques et physiques de toutes les composantes respectent les exigences des spécifications de matériaux de code ASME.

The design, construction and workmanship conform to CSA B51. La conception, la construction et la façon sont conformes à ACNOR B51.	ASME Section VIII	Division 1	Addenda/Supplément 2004 ED	Code case No. N° de cas
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Manufacturer's partial data reports properly identified and signed by authorized inspectors have been furnished for the following items of the report, and attached to this report:

Les rapports partiels du constructeur adéquatement identifiés et signés par les inspecteurs autorisés ont été produits pour les items suivants du rapport, et attachés à ce rapport:

Names of parts/ Nom de la composante	Item No./ NO d'item	Manufacturer's Name/ Nom du constructeur	Identifying Stamp/ Estampe d'identification

Shell/ Virole

Description	Material Matériau	Thickness Épaisseur	Corr. Allow. Surép. de corr.	Diameter Diamètre	Longitudinal Joints Joints longitudinaux			P.W.H.T. Traitement therm		Girth Joints Joints de circonférence		Number of courses Nombre de sections
					Type	R.T. Radiog.	Efficiency Efficacité	Temp.	Time Durée	Type	R.T. Radiog.	
Shell	SA-106B	0.250"	0.125"	10" Nom	S	-	1.0	1150 F	1 Hr	1	Full	1

Heads/ Têtes

Description	Material Matériau	Min. Thicken. Épais minim.	Corr. Allow Surép. Corr.	Crown Radius Rayon couron.	Knuckle Radius Petit rayon	Ellipse Ratio Rapp. ellipse	Conical Apex Angle Angle conique	Hemisph. Radius Ray. Hémisph	Flat Diameter Diam.plat	Side to pressure Côte sous pression
S.E Head	SA-234-WPB	0.21875"	0.125"	-	-	2:1 S.E	-	-	-	Concave
Head B	SA-105N	0.21875	0.125"	-	-	-	-	-	16"	Flat

Removable bolts used (describe other fastenings)
 Boulons amovible utilisés (décrire tout autre attache) **7/8"x4 1/2"**

Mat'l Spec./ Spéc. du mat. **SA-193**

Grade **B712H**

Size/ Dimension **7/8"x4 1/2"**

Pressure - Temperature/ Pression - température

Pressure Vessel Part Partie de l'appareil	Constructed for max. allowable working pressure Construit pour une pression maximale de marche permise	At max. temp. A une temp. max.	Minimum design metal temp. Temp. min.	Test pressure (hydro-pneumatic or combination) Pression d'épreuve (hydro-pneumatique ou combinaison)
Vessel	200 PSI 1379 kPa	100 Deg F 38 Deg C	-20 Deg F -29 Deg C	260 PSI Hydro 1793 kPa Hydro

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 Jan. 12, 06

Tube Section/ Faisceau tubulaire

Tube/Sheet/ Plaque tubulaire	Material/ Matériau	Diameter/ Diamètre	Nominal Thickness Épaisseur nominale	Corr. Allow. Surépais. corrosion	Attachment Mode d'attachement
Tube material/ Matériau des tubes	Diameter/ Diamètre	Nominal Thickness (gauge) Épaisseur nominale (calibre)	Number/ Nbre	Type (Straight or U) Type (Droit ou U)	Heating Surface Surface de chauffe

Jacket/ Chemise

Type of jacket/ Genre de chemise	Jacket closure Fermeture de chemise	Proof Test Pression d'épreuve	Heating Surface Surface de chauffe	Sketch/ Schéma
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Safety Valve Outlets/ Soupapes de sûreté

Number/ Nombre	Dimension	Location/ Endroit PSV installed in piping as per UG-125
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Nozzles and Openings/ Tubulures et ouvertures

Purpose/ But	Number Nombre	Dimension	Type	Material Matériau	Nominal Thickness Épaisseur nominale	Reinforcement material Matériau de renfort	How attached Genre d'attaches	Location/ Endroit
Inlet / Outlet	2	3" NPS	150 CL	SA-106B / SA105	0.300"	Not Required	UW 16.1 (c)	Shell
Differential Gauge	2	1/4" NPT	TOL	SA-105N	6000#	Not Required	UW 16.1 (a)	N1, N2
Optional	1	1.5" NPT	HCPLG	SA-105N	3000#	Not Required	UW 16.1 (c)	S.E. Head
Drain	1	1/2" NPT	tapped	SA-105N				Head B

Supports/ Supports

Skirt/ Jupe Yes/ Oui No/ Non <input type="checkbox"/> <input checked="" type="checkbox"/>	Lugs/ Oreilles No./ Nbre	Legs/ Pieds No./ Nbre	Other/ Autres (Description)	Attached/ Attaches (Where and How/ Méthode et endroit)
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Remarks/ Observations (Cubical capacity/ Volume)

Volume 1.8 Cubic Feet
 Constructed to drawing 5918 CDL-10IF-200-125-01 Rev. 1
 Impact test exempt per UG-20 (f) 1-5
 Radiography per UW-11(a)

Certificate of Compliance/ Certificat de conformité

We certify that the statements made in this data report are correct and that the said vessel has been constructed in accordance with the Provincial Registered design below and the requirements of standard CSA B51.

Nous certifions que les données de la déclaration de conformité sont correctes et que l'appareil a été construit en accord avec l'enregistrement provincial ci-dessous et les exigences de la norme ACNOR B51.

Provincial Registered Design
 Enregistrement provincial R0716.231

Manufacturer
 Constructeur Enerflex Systems Ltd.

Signature [Signature] Date Jan. 10, 06
 (Representative)

Signature [Signature] Date Jan 10, 2006
 (Certified Individual)

CERTIFIED BY:
INTEGRITY
ST. LOUIS, MISSOURI, CANADA

W	MAWP	200	PSI (G)	100	OF
RT1	MDMTE	-20	°F (G)	200	PSI
HT	SN	055918	YEAR	2006	
	GRN	R0716.231	C.A.	0.125	IN
	SE THK	0.250	IN	MSD	SA 106-B
	HD THK	0.21875	IN	MSD	SA 234-WPB

REF. NO.

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

④ 546641

1. Manufactured and certified by PENFABCO LTD 5715 - 56 Avenue, Edmonton, Alberta, T6B 3G3
 (Name and address of manufacturer)
 2. Manufactured for Jiro Enerflex P.O. Box 1450 Stettler, Alberta T0C 2L0
 (Name and address of purchaser)

3. Location of installation Stock
 (Name and address)

4. Type: Vertical PE 9900 R6697.213 CDL-2004-04 Rev. 0 1 2006
 (Horiz. or vert., tank) (Mfgs serial No.) (CRN) (Drawing No.) (Nat'l. Bd. No.) (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 2005 Addenda (Date) N/A Code Case Nos. N/A Special Service per UG-120(d) N/A
2004 Year

6. Shell: SA-106-B 3/8" 1/8" 19.25" 4'2" s/s
 Matl. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)

7. Seams: Smls None 100% 1100 1 Hr Type 1 1 Full 100 1
 Long. (Welded, Dbl., Sngl., Lap, Butt) R.T. (Spot or Full) Eff. (%) H.T. Temp. (°F) Time (hr) Girth (Welded, Dbl., Sngl., Lap, Butt) R.T. (Spot or Full) Eff. (%) No. of Courses

8. Heads: (a) Matl. SA-516-70N (b) Matl. SA-516-70N
 (Spec. No., Grade) (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) Top	1.900"	1/8"	N/A	N/A	N/A	N/A	N/A	17.750"	Flat
(b) Bottom	0.3516"	1/8"	N/A	N/A	2:1	N/A	N/A	N/A	Concave

If removable, bolts used (describe other fastenings) SA-193-B7M / SA-194-2HM SUPPLIED BY OTHERS
 (Matl., Spec. No., Gr., Size, No.)

9. MAWP: 350 N/A psi at max. temp. 250 N/A °F
 (internal) (external) (internal) (external)

Min. design metal temp. -20 OF at 350 psi. Hydro., pneu., or comb. test pressure Hydrostatic 455 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
Oil / Gas Inlet	1	3"	CL 300 RFWN Flg.	SA-106B/SA-105N	160	Not Required	UW16.1(c)	Shell
Outlet, Oil Out	2	2"	CL 300 RFWN Flg.	SA-106B/SA-105N	160	Not Required	UW16.1(c)	Shell
Drain	1	1"	PIPE / CPLG	SA-106B/SA-105N	XXH-/ CL6000	Not Required	UW16.1(c)	Bottom Head
Low Level	1	2"	T.O.L.	SA-105N	CL 6000	Not Required	UW16.1(a)	Shell
Oil Fill	1	1 1/2"	T.O.L.	SA-105N	CL 6000	Not Required	UW16.1(a)	Shell
Pre Lube	1	1"	T.O.L.	SA-105N	CL 6000	Not Required	UW16.1(a)	Shell
LG's	2	3/4"	T.O.L.	SA-105N	CL 6000	Not Required	UW16.1(a)	Shell
Scavenger	1	1/2"	T.O.L.	SA-105N	CL 6000	Not Required	UW16.1(a)	Shell

11. Supports: Skirt Yes Lugs 0 Legs 0 Other None Attached Welded To Btm Head
 (Yes or no) (No.) (No.) (Describe)

12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report: N/A
 (Where and how)

Impact Tests Not Required Per UG-20(f)1-5 PSV Installed in Piping - BY OTHERS Top Head also used as Inspection Opening
 (Name of part, item number, Mfg's. name and identifying stamp)

Volume: 9.3 cu. ft. (0.26 m3) X-ray per UW11(a)
 Vertical Coalescing Vessel Manufactured To Dwg. PE-9888 Rev. 0

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. "U" Certificate of Authorization No. 14,383 expires 12/28, 2007
 Date Feb. 3, 2006 Co. name PENFABCO LTD Signed M. Bayin
 (Manufacturer) (Representative)

CERTIFICATE OF SHOP/FIELD INSPECTION

Vessel constructed by PENFABCO LTD at 5715 - 56 Avenue, Edmonton, Alberta, T6B 3G3
 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 Feb. 3, 2006, 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 FEB 03 2006 Signed [Signature] Commissions AB#144A
 (Authorized Inspector) (Nat'l Board (incl. endorsements) State, Prov. and No.)

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 02-06-06



MANUFACTURED & CERTIFIED BY
PENFABCO LTD. EDMONTON AB

RTI N
HT

PE 9900

R6697.213

SERIAL NO.

C.R.N.

DRIVE

350

PSI AT

250

OF YEAR

2006

WEIGHT

-20

OF AT

350

PSI C.A.

.125



546691

ALBERTA MUNICIPAL AFFAIRS

Alberta Boilers Safety Association
 200, 4208 - 97 Street
 Edmonton AB T6E 5Z9

**MANUFACTURER'S DATA REPORT
 FOR MINIATURE PRESSURE VESSEL
 DÉCLARATION DE CONFORMITÉ DU CONSTRUCTEUR
 D'APPAREILS SOUS PRESSION**

Upon shipment of a pressure vessel, this form fully and correctly filled in must be mailed to the office of the Chief Inspector in the province of installation in accordance with the regulations under the Act, governing the construction and installation of pressure vessels.

Au moment de l'expédition d'un appareil sous pression, ce formulaire complété correctement, doit être envoyé au bureau de l'inspecteur en chef de la province d'installation tel que prévu dans les règlements de la loi sur les appareils sous pression.

Manufactured by Construit par	Name and address of Manufacturer/ Nom et adresse du constructeur API Airtech, 91 North St, PO Box 68, Arcade, NY 14009
Manufactured for Construit pour	Name and address of Purchaser or Consignee/ Nom et adresse du client ou de son représentant Global Heat Transfer Ltd., 7716 67 St, Edmonton, Alberta T6B 2K4
Ultimate owner Utilisateur	Name and address/ Nom et adresse Unknown
Location of installation Lieu d'installation	Name and address/ Nom et adresse Unknown

Pressure vessel/ Appareil

Type/ Genre CSA B51 Category "H" Fitting	Overall Length/Longueur totale N/A	Serial No./ N° de série WO66756	Year built/Année de fabrication 2005
Provincial Registration No. - C.R.N./N° d'enregistrement provincial - N.E.C. 0H4584.213	129(014)		Drawing No./ N° de dessin 699-0477 Rev 0

The chemical and physical properties of all parts meet the requirements of material specifications of the A.S.M.E. Code.
Les propriétés chimiques et physiques de toutes les composantes respectent les exigences des spécifications de matériaux de code ASME.

The design, construction and workmanship conform to CSA B51. <i>La conception, la construction et la façon sont conformes à ACNOR B51.</i>	ASME Section VIII	Division 1	Addenda/Supplément 2001/Add. 2003	Code case No. N° de cas
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Manufacturer's partial data reports properly identified and signed by authorized inspectors have been furnished for the following items of the report, and attached to this report:

Les rapports partiels du constructeur adéquatement identifiés et signés par les inspecteurs autorisés ont été produits pour les items suivants du rapport, et attachés à ce rapport:

Names of parts/ Nom de la composante	Item No./ N° d'item	Manufacturer's Name/ Nom du constructeur	Identifying Stamp/ Estampe d'identification

Shell/ Virole

Description	Material Matériau	Thickness Épaisseur	Corr. Allow. Surépais. de corr.	Diameter Diamètre	Longitudinal Joints Joints longitudinaux			P.W.H.T. Traitement therm		Girth Joints Joints de circonférence		Number of courses Nombre de sections
					Type	R.T. Radiog.	Efficiency Efficacité	Temp.	Time Durée	Type	R.T. Radiog.	

Heads/ Têtes

Description	Material Matériau	Min. Thckn. Épais min.	Corr. Allow Surép. Corr.	Crown. Radius Rayon couron.	Knuckle Radius Petit rayon	Ellipse Ratio Rapp. ellipse	Conical Apex Angle Angle conique	Hemisph. Radius Ray. Hémisph	Flat Diameter Diam.plat	Side to pressure Côte sous pression
Extruded End Tank	SB221 6061-T6	0.375"	0							
Removable bolts used (describe other fastenings) <i>Boulons amovible utilisés (décrire tout autre attache)</i>					Mat'l Spec./ Spéc. du mat.			Grade	Size/ Dimension	

Pressure - Temperature/ Pression - température

Pressure Vessel Part Partie de l'appareil Complete Fitting	Constructed for max. allowable working pressure Construit pour une pression maximale de marche permise 350 PSIG	At max. temp. A une temp. max. 250 F	Min. Temp. (when less than -29°C) Temp. min. (inférieure à -29°C) -20 F	Test pressure (hydro-pneumatic or combination) Pression d'épreuve (hydro-pneumatique ou combinaison) 392 PSIG Pneumatic
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Tube Section/ Faisceau tubulaire

Tubesheet/ Plaque tubulaire	Material/ Matériau	Diameter/ Diametre	Nominal Thickness Épaisseur nominale	Corr. Allow. Surépais. corrosion	Attachment Mode d'attachement
Tube material/ Matériau des tubes	Diameter/ Diamètre	Nominal Thickness (gauge) Épaisseur nominale (calibre)	Number/ Nbre	Type (Straight or U) Type (Droit ou U)	Heating Surface Surface de chauffe

Jacket/ Chemise

Type of jacket/ Genre de chemise	Jacket closure Fermeture de chemise	Proof Test Pression d'épreuve	Heating Surface Surface de chauffe	Sketch/ Schéma
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Safety Valve Outlets/ Soupapes de sûreté

Number/ Nombre	Dimension	Location/ Endroit To be installed by owner
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Nozzles and Openings/ Tubulures et ouvertures

Purpose/ But	Number Nombre	Dimension	Type	Material Matériau	Nominal Thickness Épaisseur nominale	Reinforcement material Matériau de renfort	How attached Genre d'attaches	Location/ Endroit
Inlet / Outlet	2	1.5"	Pipe	SB241 6061-T6	Sched. 80	None	Welded	Attached to extrusion
Inlet / Outlet	2	1.5"	Flange	SB247 6061-T6	300#	None	Welded	Attached to pipe

Supports/ Supports

Skirt/ Jupe Yes/ Oui No/ Non <input type="checkbox"/> <input type="checkbox"/>	Lugs/ Oreilles No./ Nbre	Legs/ Pieds No./ Nbre	Other/ Autres (Description)	Attached/ Attaches (Where and How/ Méthode et endroit)
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Remarks/ Observations (Cubical capacity/ Volume)

Core is constructed of aluminum bar and plate material
SB209 3003-0 and SB221 3003-0
Part Number API-400

Certificate of Compliance/ Certificat de conformité

We certify that the statements made in this data report are correct and that the said vessel has been constructed in accordance with the Provincial Registered design below and the requirements of standard CSA B51.

Nous certifions que les données de la déclaration de conformité sont correctes et que l'appareil a été construit en accord avec l'enregistrement provincial ci-dessous et les exigences de la norme ACNOR B51.

Provincial Registered Design
Enregistrement provincial 699-0477 Rev 0

Manufacturer
Constructeur API Airtech

Signature [Signature] Date 1/10/06

FINAL TEST REPORT

OIL SIDE

DATE: 11 January 2005

CUSTOMER: GHT Manufacturing / ENRAFLEX

OUR IDENTIFICATION TAG WO66756-010-006-699-0477

GHT #/ WORK ORDER #: 23069 101428

NAME PLATE INFORMATION:

MANUFACTURER:: API AIRTECH

MANUFACTURER'S MODEL #: J1600

MANUFACTURER'S SERIAL #: 129

CRN#: OH4584-213

WORKING PRESSURE - 350 psi WORKING TEMPERATURE - 250 F

OVERALL DIMENSIONS:

HEIGHT: 41"

WIDTH: 21"

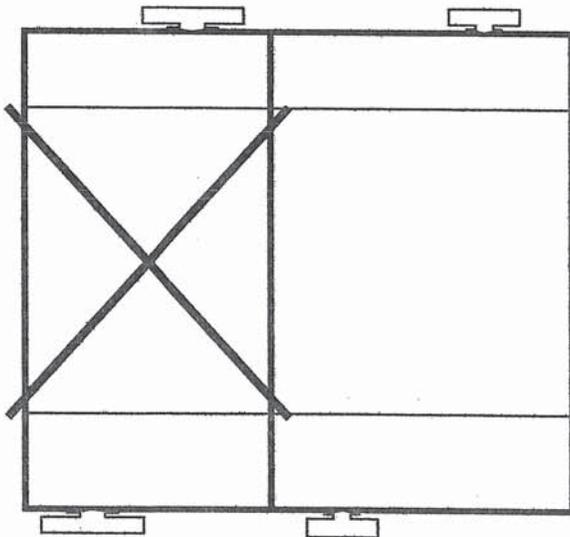
THICKNESS: 6"

VISIBLE DAMAGE: N/A

AIR/ GAS SIDE

OIL SIDE

Mark Sketch with #1, 2, 3, etc. to show leak location(s). Show fitting location.



NUMBER OF TUBES WHICH APPEAR TO LEAK AT LOCATION:

1. _____
2. _____
3. _____

CLEARLY MARK LEAKING TUBES ON COOLER WITH PAINT PEN

Record on Drawing the Tube # that is leaking – tubes count from the *left* side of the core.

TEST STYLE

AIR/ GAS SIDE	OIL SIDE
Hydro <input checked="" type="checkbox"/> Pneumatic <input type="checkbox"/>	Hydro <input checked="" type="checkbox"/> Pneumatic <input type="checkbox"/>
Test Pressure _____ psi	Test Pressure <u>455 psi</u>
Passed <input checked="" type="checkbox"/> Failed <input type="checkbox"/>	Passed <input checked="" type="checkbox"/> Failed <input type="checkbox"/>

COMMENTS: _____

TESTED BY: John Davis - LOCATION OF COOLER: GHT - ALUMINUM

TEST DATE: 11 January 2005

ALBERTA MUNICIPAL AFFAIRS

ABSA – the pressure equipment authority
 200. 4208 - 97 Street
 Edmonton AB T6E 5Z9

**MANUFACTURER'S DATA REPORT
 FOR MINIATURE PRESSURE VESSEL
 DÉCLARATION DE CONFORMITÉ DU CONSTRUCTEUR
 D'APPAREILS SOUS PRESSION**

Upon shipment of a pressure vessel, this form fully and correctly filled in must be mailed to the office of the Chief Inspector in the province of installation in accordance with the regulations under the Act, governing the construction and installation of pressure vessels.

Au moment de l'expédition d'un appareil sous pression, ce formulaire complété correctement, doit être envoyé au bureau de l'inspecteur en chef de la province d'installation tel que prévu dans les règlements de la loi sur les appareils sous pression.

Manufactured by Construit par	Name and address of Manufacturer/ Nom et adresse du constructeur
Manufactured for Construit pour	Name and address of Purchaser or Consignee/ Nom et adresse du client ou de son représentant Global Heat Transfer Ltd. 7716 67th Street, Edmonton, Alberta
Ultimate owner Utilisateur	Name and address/ Nom et adresse UNKNOWN
Location of installation Lieu d'installation	Name and address/ Nom et adresse UNKNOWN

Pressure vessel/ Appareil

Type/ Genre Category H Pressure Fitting (1600GAS)	Overall Length/Longueur totale 1293.2mm	Serial No./ N° de série (Series 16GFEB06A) 601143001, 601143002, 601143003, 601143004, 601143005, 601143006, 601143007, 601143008, 601143009, 601143010	Year built/Année de fabrication 2006
Provincial Registration No. – C.R.N./N° d'enregistrement provincial - N.E.C. OH 7426.2			Drawing No./ N° de dessin 330001 Rev. 3

The chemical and physical properties of all parts meet the requirements of material specifications of the A.S.M.E. Code.
 Les propriétés chimiques et physiques de toutes les composantes respectent les exigences des spécifications de matériaux de code ASME.

The design, construction and workmanship conform to CSA B51. La conception, la construction et la façon sont conformes à ACNOR B51.	ASME Section VIII	Division 1	Addenda/Supplément 2004	Code case No. N° de cas
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Manufacturer's partial data reports properly identified and signed by authorized inspectors have been furnished for the following items of the report, and attached to this report:
 Les rapports partiels du constructeur adéquatement identifiés et signés par les inspecteurs autorisés ont été produits pour les items suivants du rapport, et attachés à ce rapport:

Names of parts/ Nom de la composante	Item No./ N° d'item	Manufacturer's Name/ Nom du constructeur	Identifying Stamp/ Estampe d'identification

Shell/ Virole

Description	Material Matériau	Thickness Épaisseur	Corr. Allow. Surépais. de corr.	Diameter Diamètre	Longitudinal Joints Joints longitudinaux			P.W.H.T. Traitement therm		Girth Joints Joints de circonférence		Number of courses Nombre de sections
					Type	R.T. Radiog.	Efficiency Efficacité	Temp.	Time Durée	Type	R.T. Radiog.	

Heads/ Tetes

Description	Material Matériau	Min. Thickn. Épais. minim.	Corr. Allow. Surép. Corr.	Crown. Radius Rayon couron.	Knuckle Radius Petit rayon	Ellipse Ratio Rapp. ellipse	Conical Apex Angle Angle conique	Hemisp. Radius Ray. Hémisp.	Fiat Diameter Diam.plat	Side to pressure Côte sous pression
152.4mm (6") channel	SB 221 6061 T6	9.5mm (.375")	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
end cap	SB 209 6061 T6	14mm (.5")	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Removable bolts used (describe other fastenings) Boulons amovibles utilisés (décrire tout autre attache)					Mat'l Spec./ Spéc. du mat.			Grade		Size/ Dimension

Pressure - Température/ Pression - température

Pressure Vessel Part Partie de l'appareil	Constructed for max. allowable working pressure Construit pour une pression maximale de marche permise 370 psi	At max. temp. A une temp. max. 250 F	Minimum design metal temp. Temp. min. -20F	Test pressure (hydro-pneumatic or combination) Pression d'épreuve (hydro-pneumatique ou combinaison) 489 psi (hydro)
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Section/ Faisceau tubulaire					
Shell/ Plaque tubulaire	Material/ Matériau	Diameter/ Diamètre	Nominal Thickness / Épaisseur nominale	Corr. Allow. / Surépais. corrosion	Attachment / Mode d'attachement
Tube material/ Matériau des tubes	Diameter/ Diamètre	Nominal Thickness (gauge) / Épaisseur nominale (calibre)	Number/ Nbre	Type (Straight or U) / Type (Droit ou U)	Heating Surface / Surface de chauffe
21 / SB 209 3003	n/a	n/a	n/a	n/a	n/a

Jacket/ Chemise					
Type of jacket/ Genre de chemise	Jacket closure / Fermeture de chemise	Proof Test / Pression d'épreuve	Heating Surface / Surface de chauffe	Sketch/ Schéma	

Safety Valve Outlets/ Soupapes de sûreté		
Number/ Nombre	Dimension	Location/ Endroit

Nozzles and Openings/ Tubulures et ouvertures									
Purpose/ But	Number / Nombre	Dimension	Type	Material / Matériau	Nominal Thickness / Épaisseur nominale	Reinforcement material / Matériau de renfort	How attached / Genre d'attaches	Location/ Endroit	
inlet/outlet	2	2" NPT	pipe	SB 241 6061 T6	.2"	n/a	welder	tank face	
inlet/outlet	2	2" NPT	flange RFSO 300#	SB 209.6061 T6	1.31"	n/a	welded	tank face	

Supports/ Supports				
Skirt/ Jupe Yes/ Oui No/ Non	Lugs/ Oreilles No./ Nbre	Legs/ Pieds No./ Nbre	Other/ Autres (Description)	Attached/ Attaches (Where and How/ Méthode et endroit)
<input type="checkbox"/> <input type="checkbox"/>			end brackets	welded

Remarks/ Observations (Cubical capacity/ Volume)

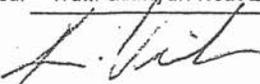
Certificate of Compliance/ Certificat de conformité

We certify that the statements made in this data report are correct and that the said vessel has been constructed in accordance with the Provincial Registered design below and the requirements of standard CSA B51.

Nous certifions que les données de la déclaration de conformité sont correctes et que l'appareil a été construit en accord avec l'enregistrement provincial ci-dessous et les exigences de la norme ACNOR B51.

Provincial Registered Design
Enregistrement provincial OH 7426.2

Manufacturer
Constructeur Wuxi Guanyun Heat Exchanger Co.Ltd.

Signature  Date 2 MAR 06
(Representative)

Signature _____ Date _____
(Certified Individual)

16 G-FEBOGA

ALBERTA MUNICIPAL AFFAIRS
 ABSA, the pressure equipment safety authority
 200, 4208 - 97 Street
 Edmonton AB T6E 5Z9

MANUFACTURER'S DATA REPORT
 FOR PRESSURE VESSEL
 DÉCLARATION DE CONFORMITÉ DU CONSTRUCTEUR
 D'APPAREILS SOUS PRESSION

Partial/ Partiel

A550896

On shipment of a pressure vessel, this form fully and correctly filled in must be mailed to the office of the Chief Inspector in the province of installation in accordance with the regulations under the Act, governing the construction and installation of pressure vessels.
 Au moment de l'expédition d'un appareil sous pression, ce formulaire complété correctement, doit être envoyé au bureau de l'inspecteur en chef de la province d'installation tel que prévu dans les règlements de la loi sur les appareils sous pression.

Manufactured by Construit par	Name and address of Manufacturer/ Nom et adresse du constructeur Enerflex Systems LTD. 5221 -46th Street Stettler, AB. T0C 2L0 (ABSA Account 14675)
Manufactured for Construit pour	Name and address of Purchaser or Consignee/ Nom et adresse du client ou de son représentant Enerflex Systems LTD. 5221 -46th Street Stettler, AB. T0C 2L0 (ABSA Account 14675)
Ultimate owner Utilisateur	Name and address/ Nom et adresse Enerflex Systems LTD. 5221 -46th Street Stettler, AB. T0C 2L0 (ABSA Account 14675)
Location of installation Lieu d'installation	Address/ Adresse stock

Pressure vessel/ Appareil

Type/ Genre Horizontal Blowcase	Overall Length/Longueur totale 60" S/S	Serial No./ N° de série 055761	Year built/Année de fabrication 2006
Provincial Registration No. - C.R.N./N° d'enregistrement provincial - N.E.C. R6701.231		National Board No./ N° National-Board	Drawing No./ N° de dessin CDL-2004-03 Rev.0

The chemical and physical properties of all parts meet the requirements of material specifications of the A.S.M.E. Code.
 Les propriétés chimiques et physiques de toutes les composantes respectent les exigences des spécifications de matériaux de code ASME.

The design, construction and workmanship conform to CSA B51. La conception, la construction et la façon sont conformes à ACNOR B51.	ASME Section VIII	Division 1	Addenda/Supplément 2004 ED	Code case No. N° de cas
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Manufacturer's partial data reports properly identified and signed by authorized inspectors have been furnished for the following items of the report, and attached to this report.
 Les rapports partiels du constructeur adéquatement identifiés et signés par les inspecteurs autorisés ont été produits pour les items suivants du rapport, et attachés à ce rapport:

Names of parts/ Nom de la composante	Item No./ NO d'item	Manufacturer's Name/ Nom du constructeur	Identifying Stamp/ Estampe d'identification

Shell/ Viole

Description	Material Matériau	Thickness Épaisseur	Corr. Allow. Surépais. de corr.	Diameter Diamètre	Longitudinal Joints Joints longitudinaux			P.W.H.T. Traitement therm		Girth Joints Joints de circonférence		Number of courses Nombre de sections
					Type	R.T. Radiog.	Efficiency Efficacité	Temp.	Time Durée	Typé	R.T. Radiog.	
Shell	SA-106B	0.500"	0.125"	12" NOM	S	-	1.0	1150 F	1 HR	1	Full	1

Heads/ Tetes

Description	Material Matériau	Min. Thickn. Épais min.	Corr. Allow. Surép. Corr.	Crown. Radius Rayon couron.	Knuckle Radius Petit rayon	Ellipse Ratio Rapp. ellipse	Conical Apex Angle Angle conique	Hemisph. Radius Ray. Hémisph	Flat Diameter Diam.plat	Side to pressure Côte sous pression
Head No. 1	SA-516-70N	0.4375"	0.125"	-	-	2:1 S.E.	-	-	-	Concave
Head No. 2	SA-516-70N	0.4375"	0.125"	-	-	2:1 S.E.	-	-	-	Concave

Removable bolts used (describe other fastenings) Boulons amovible utilisés (décrire tout autre attache)	Mat'l Spec./ Spéc. du mat.	Grade	Size/ Dimension
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Pressure - Temperature/ Pression - température

Pressure Vessel Part Partie de l'appareil	Constructed for max. allowable working pressure Construit pour une pression maximale de marche permise	At max. temp. A une temp. max.	Min. Temp. (when less than -29°C) Temp. min. (inférieure à -29°C)	Test pressure (hydro-pneumatic or combination) Pression d'épreuve (hydro-pneumatique ou combinaison)
Vessel	2586 kPa 375 PSI	121 Deg C 250 Deg F	-29 Deg C -20 Deg F	3420 kPa Hydro 496 PSI Hydro

RECEIVED
 Feb. 16, 06

Tube Section/ Faisceau tubulaire

Tube sheet/ Plaque tubulaire	Material/ Matériau	Diameter/ Diamètre	Nominal Thickness Épaisseur nominale	Corr. Allow. Surépais. corrosion	Attachment Mode d'attachement
Tube material/ Matériau des tubes	Diameter/ Diamètre	Nominal Thickness (gauge) Épaisseur nominale (calibre)	Number/ Nbre	Type (Straight or U) Type (Droit ou U)	Heating Surface Surface de chauffe

Jacket/ Chemise

Type of jacket/ Genre de chemise	Jacket closure Fermeture de chemise	Proof Test Pression d'épreuve	Heating Surface Surface de chauffe	Sketch/ Schéma
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Safety Valve Outlets/ Soupapes de sûreté

Number/ Nombre	Dimension	Location/ Endroit PSV to be installed by others as per UG-125
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Nozzles and Openings/ Tubulures et ouvertures

Purpose/ But	Number Nombre	Dimension	Type	Material Matériau	Nominal Thickness Épaisseur nominale	Reinforcement material Matériau de renfort	How attached Genre d'attaches	Location/ Endroit.
Inlet / Drain	2	2" NPS	TOL	SA-105N	6000	Not Required	UW 16.1 (a)	Shell
Level Control / Insp	2	2.375" ID	CPLG	SA-105N	6000	Not Required	UW 16.1 (c)	Head
Charge Gas / Equ. Vent	2	1" NPS	TOL	SA-105N	6000	Not Required	UW 16.1 (a)	Shell
Level Gauge	2	3/4" NPS	TOL	SA-105N	6000	Not Required	UW 16.1 (a)	Shell

Supports/ Supports

Skirt/ Jupe Yes/ Oui No/ Non <input type="checkbox"/> <input checked="" type="checkbox"/>	Lugs/ Oreilles No./ Nbre	Legs/ Pieds No./ Nbre 7" w x 1/4" thk x 12 7/8" Lg	Other/ Autres (Description)	Attached/ Attaches (Where and How/ Méthode et endroit) Welded to Saddles
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Remarks/ Observations (Cubical capacity/ Volume)

Volume 4.2698 Cu. Ft
 Impact tests exempt per UCS-66 (b), UCS-68(c)
 Pressure Differential Cycle 0-350 PSI Number of Pressure Cycles 1,000,000
 Construction Drawing 5761-CDL-12BC-375-125-02 Rev. 1

Certificate of Compliance/ Certificat de conformité

We certify that the statements made in this data report are correct and that the said vessel has been constructed in accordance with the Provincial Registered design below and the requirements of standard CSA B51.

Nous certifions que les données de la déclaration de conformité sont correctes et que l'appareil a été construit en accord avec l'enregistrement provincial ci-dessous et les exigences de la norme ACNOR B51.

Provincial Registered Design
 Enregistrement provincial R6701.231

Manufacturer
 Constructeur Enerflex Systems Ltd

Signature Tony Buehler Date Feb. 14, 2006

Certificate of Shop Inspection/ Certificat d'inspection en usine

I, the undersigned, a duly authorized Boiler and Pressure Vessel Inspector
 Je, soussigné, inspecteur autorisé de chaudières et appareil sous pression
 employed by ABSA

of Alberta
 have inspected the above vessel and state that to the best of my knowledge and belief, the manufacturer has constructed the vessel in accordance with the Provincial registration CRN R6701.231
 ai inspecté l'appareil précité et autant que je sache, crois que le constructeur a construit l'appareil en accord avec l'enregistrement provincial NEC _____
 et les exigences de la norme ACNOR B51.

Inspector's Name
 Nom de l'inspecteur Larry Lichtenwald AB 130AB

Signature [Signature] Date FEB 15, 2006

Certificate of Compliance - Field Work/ Certificat de conformité - Installation au chantier

We certify that the field installation of all parts of the vessel conforms with the requirements of Provincial Regulations.

Nous certifions que l'installation au chantier de toutes les composantes de l'appareil est conforme aux règlements provinciaux.

Installer's Name
 Nom de l'installateur _____

Signature _____

Date _____

Certificate of Field Inspection/ Certificat d'inspection - Installation au chantier

I, the undersigned, a duly authorized Boiler and Pressure Vessel Inspector
 Je, soussigné, inspecteur autorisé de chaudières et appareil sous pression
 employed by _____
 employé par _____

have inspected the items not covered by the Shop Inspection Certificate and the installation of the items and state that to the best of my knowledge and belief the construction and assembly of the items are in accordance with the Provincial Regulations.

ai inspecté les composantes non couvertes par le certificat d'inspection en usine et l'installation de l'appareil et, autant que je sache, la construction et l'assemblage de l'appareil sont en accord avec les règlements provinciaux.

Inspector's Name
 Nom de l'inspecteur _____

Signature _____ Date _____

NO. OF PRESSURE CYCLES 1,000,000
PRESSURE DIFFERENTIAL CYCLE 0-350 PSI

	375	250
RT1	-20	375
HT	055701	200
	R6701.291	0.125
	0.500	-100B
	0.4375	-516-70N

Ⓐ 550896



MERCER VALVE CANADA

TEST REPORT

PSV-1101

BRANCH: Red Deer

Serial #: 224064

Work Order: 73130

Customer PO#: S032176

Date: 5/12/2006

Customer: Jiro Enerflex

Facility: STETTLER

LSD:

PSV Location:

A#:

Cust Id:

Cust. Ref.: JOB # A035396-0

Valve PO: S032176

VALVE DATA

Man.: Mercer

Model: 81-17151V09G11

Serial: 224064

Conn: Threaded

Inlet: 1 inch MNPT

Orifice: E

Outlet: 1 inch FNPT

Set Pres: 150 PSI

Back Press: PSI

Temp:

Cold/Diff Set Press: PSI

Cap: 557 SCFM

Lift Lever:

Cap Assembly: Closed

Trim: Standard

Code Symbol: UV

CRN#: 0G8841.5C

CUSTOMER INSTRUCTIONS

Valve Instruct. Modify

Instructions: Convert to AB Sour

Reset Required?

RESET INFORMATION: *New Pressure:*

New Cold/Diff Set:

New Capacity:

COMPONENTS INSPECTION

Components Installed

05-009 ALUMINIZED SPRING

Components Removed

05-009 STANDERED SPRING

New Model #: 81-17151V09G11S

Spring #: 05-009AL SPRING

New Inlet Size:

Trim: Alta. Sour

Valve Medium:

Temperature:

Disassembly: Murray Greer

Inspection: Murray Greer

Reassembly: Murray Greer

FINAL TEST:

Test Medium: Air

Simmer: 140 PSI

Set Pressure: 150 PSI

Reseat: 115 PSI

Leakage: 0 BPM

B.P. Test: 60 PSI

Cold/Diff Set: 0 PSI

Test Gauge: RD.8

Tested by: Gerry Gillespie

FINAL INSPECTION:

SEAL Installed:

End Protectors Installed:

Painted:

Palletized:

Ship Container:

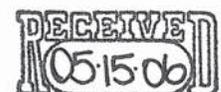
Flex Gaskets Supplied:

Final Inspection: Murray Greer

Customer Inspection

INSPECTION ID#: 4697

Comments:





MERCER VALVE CANADA

TEST REPORT

BRANCH: Red Deer

Work Order: 73130

PSV-1501

Serial #: 234920

Customer PO#: S032176

Date: 5/12/2006
Facility: STETTLER
A#:
Cust. Ref.: JOB # A035396-0

LSD:

Customer: Jiro Enerflex
PSV Location:
Cust Id:
Valve PO: S032176

VALVE DATA

Man.: Mercer Model: 81-17151V11G11 Serial: 234920
Conn: Threaded Inlet: 1 inch MNPT Orifice: E Outlet: 1 inch FNPT
Set Pres: 300 PSI Back Press: PSI Temp: Cold/Diff Set Press: PSI Cap: 1069 SCFM
Lift Lever: Cap Assembly: Closed Trim: Standard Code Symbol: UV CRN#: 0G8841.5C

CUSTOMER INSTRUCTIONS

Valve Instruct. Modify Instructions: Convert to AB Sour Reset Required?
RESET INFORMATION: New Pressure: New Cold/Diff Set: New Capacity:

COMPONENTS INSPECTION

Components Installed

O5-011AL SPRING

Components Removed

05-011 SPRING

New Model #: 81-17151V11G11S Spring #: 05-011AL SPRING New Inlet Size:
Trim: Alta. Sour Valve Medium: Temperature:
Disassembly: Murray Greer Inspection: Murray Greer Reassembly: Murray Greer

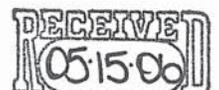
FINAL TEST:

Test Medium: Air Simmer: 295 PSI Set Pressure: 300 PSI
Reseat: 235 PSI Leakage: 0 BPM B.P. Test: 60 PSI Cold/Diff Set: 0 PSI
Test Gauge: RD.13
Tested by: Gerry Gillespie

FINAL INSPECTION:

SEAL Installed: End Protectors Installed: Painted: Palletized: Ship Container: Flex Gaskets Supplied:
Final Inspection: Murray Greer Customer Inspection INSPECTION ID#: 4699

Comments:





MERCER VALVE CANADA

TEST REPORT

BRANCH: Red Deer

Work Order: 73130

PSV-1601
Serial #: 227547

Customer PO#: S032176

Date: 5/12/2006
Facility: STETTLER
A#:
Cust. Ref.: JOB # A035396-0

LSD:

Customer: Jiro Enerflex
PSV Location:
Cust Id:
Valve PO: S032176

VALVE DATA

Man.: Mercer Model: 81-17151V09G11 Serial: 227547
Conn: Threaded Inlet: 1 inch MNPT Orifice: E Outlet: 1 inch FNPT
Set Pres: 100 PSI Back Press: PSI Temp: Cold/Diff Set Press: PSI Cap: 387 SCFM
Lift Lever: Cap Assembly: Closed Trim: Standard Code Symbol: UV CRN#: 0G8841.5C

CUSTOMER INSTRUCTIONS

Valve Instruct. Factory Set Instructions: Sold New Valve Reset Required?
RESET INFORMATION: New Pressure: New Cold/Diff Set: New Capacity:

COMPONENTS INSPECTION

Components Installed

Components Removed

New Model #: Spring #: New Inlet Size:
Trim: Valve Medium: Temperature:
Disassembly: Inspection: Reassembly:

FINAL TEST:

Test Medium: Simmer: Set Pressure:
Reseat: Leakage: BPM B.P. Test: Cold/Diff Set:
Test Gauge:
Tested by:

FINAL INSPECTION:

SEAL Installed: End Protectors Installed: Painted: Palletized: Ship Container: Flex Gaskets Supplied:
Final Inspection: Customer Inspection INSPECTION ID#: 4712
Comments:





MERCER VALVE CANADA

TEST REPORT

PSV-1201

BRANCH: Red Deer

Serial #: 234928

Work Order: 73130

Customer PO#: S032176

Date: 5/12/2006

Customer: Jiro Enerflex

Facility: STETTLER

LSD:

PSV Location:

A#:

Cust Id:

Cust. Ref.: JOB # A035396-0

Valve PO: S032176

VALVE DATA

Man.: Mercer

Model: 81-17151V11G11

Serial: 234928

Conn: Threaded

Inlet: 1 inch MNPT

Orifice: E

Outlet: 1 inch FNPT

Set Pres: 300 PSI

Back Press: PSI

Temp:

Cold/Diff Set Press: PSI

Cap: 1069 SCFM

Lift Lever:

Cap Assembly: Closed

Trim: Standard

Code Symbol: UV

CRN#: 0G8841.5C

CUSTOMER INSTRUCTIONS

Valve Instruct. Modify

Instructions: Convert to AB Sour

Reset Required?

RESET INFORMATION: New Pressure:

New Cold/Diff Set:

New Capacity:

COMPONENTS INSPECTION

Components Installed

05-011AL SPRING

Components Removed

05-011 SPRING

New Model #: 81-17151V11G11S

Spring #: 05-011AL SPRING

New Inlet Size:

Trim: Alta. Sour

Valve Medium:

Temperature:

Disassembly: Murray Greer

Inspection: Murray Greer

Reassembly: Murray Greer

FINAL TEST:

Test Medium: Air

Simmer: 295 PSI

Set Pressure: 300 PSI

Reseat: 235 PSI

Leakage: 0 BPM

B.P. Test: 60 PSI

Cold/Diff Set: 0 PSI

Test Gauge: RD.13

Tested by: Gerry Gillespie

FINAL INSPECTION:

SEAL Installed:

End Protectors Installed:

Painted:

Palletized:

Ship Container:

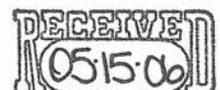
Flex Gaskets Supplied:

Final Inspection: Murray Greer

Customer Inspection

INSPECTION ID#: 4698

Comments:





MERCER VALVE CANADA

TEST REPORT

PSV-1901

BRANCH: Red Deer

Serial #: 224062

Work Order: 73130

Customer PO#: S032176

Date: 5/12/2006
Facility: STETTLER
A#:
Cust. Ref.: JOB # A035396-0

LSD:

Customer: Jiro Enerflex
PSV Location:
Cust Id:
Valve PO: S032176

VALVE DATA

Man.: Mercer Model: 81-17151V09G11 Serial: 224062
Conn: Threaded Inlet: 1 inch MNPT Orifice: E Outlet: 1 inch FNPT
Set Pres: 150 PSI Back Press: PSI Temp: Cold/Diff Set Press: PSI Cap: 557 SCFM
Lift Lever: Cap Assembly: Closed Trim: Standard Code Symbol: UV CRN#: 0G8841.5C

CUSTOMER INSTRUCTIONS

Valve Instruct. Modify Instructions: Convert to AB Sour Reset Required?
RESET INFORMATION: New Pressure: New Cold/Diff Set: New Capacity:

COMPONENTS INSPECTION

Components Installed

05-009 ALUMINIZED SPRING

Components Removed

05-009 STANDERED SPRING

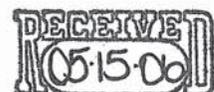
New Model #: 81-17151V09G11S Spring #: 05-009AL SPRING New Inlet Size:
Trim: Alta. Sour Valve Medium: Temperature:
Disassembly: Murray Greer Inspection: Murray Greer Reassembly: Murray Greer

FINAL TEST:

Test Medium: Air Simmer: 140 PSI Set Pressure: 150 PSI
Reseat: 115 PSI Leakage: 0 BPM B.P. Test: 60 PSI Cold/Diff Set: 0 PSI
Test Gauge: RD.8
Tested by: Gerry Gillespie

FINAL INSPECTION:

SEAL Installed: End Protectors Installed: Painted: Palletized: Ship Container: Flex Gaskets Supplied:
Final Inspection: Murray Greer Customer Inspection INSPECTION ID#: 4696
Comments:





CONSTRUCTION DATA REPORT FOR PIPING SYSTEMS

In accordance with the provisions of the Safety Codes Act

Shop Construction ; Field Construction ; Final Data Report ;
 Partial Data Report (from one ABSA-authorized Contractor to another
 ABSA- authorized Contractor).

Complete both sides of this Form

1. Constructed By: Jiro Enerflex, a division of Enerflex Systems Ltd. Owner's Job No: 35396
(Name of ABSA authorized primary contractor or subcontractor)
5221-46th Street Box 1450 Stettler Alberta T0C-2L0
(Address)
 Alberta Quality Program No. AQP-1313 Expiry Date: September 22, 2006

2. Constructed For: _____
(Name of primary contractor if different from above)

(Address)

Alberta Quality Program No. AQP-_____ Expiry Date: _____
(Required when the primary contractor undertakes some/all of the quality functions, e.g., Mat'l supply, NDE, PWHT, Tie-in, fabrication, hydro test, final assembly etc.)

3. Owner: ENCANA, 150 - 9TH AVE., BOX 2850, STN M, CALGARY, AB T2P 2S5
(Name and address)

PORTABLE
(Location of installation)

Alberta Quality Program No. AQP-_____ Expiry Date: _____
(Required when the owner undertakes some/all of the quality functions, e.g., Mat'l supply, NDE, PWHT, Tie-in, fabrication, hydro test, final assembly etc.)

4. Piping Design Alberta Registration No.: PP-
(Required if aggregate piping volume is over 0.5m³)

5. WP No.: WP-1803.2 ; Company: Jiro Enerflex ; Owner's WP No. (If used): WP-
(Alberta Registration No.) (Alberta Registration No.)
 WPS No(s). used: JML-1, JML-2, JML-6 ; Owner's WPS No(s). (If used): _____

6. Code: ASME B31.1 Non Boiler External Piping ; ASME B31.1 Boiler External Piping ;
 ASME B31.3 - Service category: Normal , D , M , High Pressure ; B31.5 ; B31.9 .

Drawing No. Rev. No. Line No.	Fluid (Air/Stm. Etc.)	Des. Press. kPa	Des. Temp. °C	Test Press. kPa	Test Medium	Pipe Mat'l Spec. & Grade	C.A. mm	Pipe NPS & Schedule	Flange Material & Rating	PWHT/ Preheat Temp. °C	R.T. %	Other NDE
CDL-35396- A-01 REV 2 PG-1101-3-F	GAS LIQUID	2069	-29 TO 121	2275	AIR	A106-GR.B	3.175	3" STD	A105N 300 ANSI	621	100	Visual
CDL-35396- A-01 REV 2 PG-1102-4-D	GAS LIQUID	1034	-29 TO 38	1138	AIR	A106-GR.B	3.175	4" STD	A105N 300/150 ANSI	621	100	Visual
CDL-35396- A-01 REV 2 PG-1103-3-D	GAS	1034	-29 TO 38	1138	AIR	A106-GR.B	3.175	3" STD	A105N 300/150 ANSI	621	100	Visual
CDL-35396- A-02 REV 1 PG-1104-3-F	GAS	2069	-29 TO 121	2275	AIR	A106-GR.B	3.175	3" STD	A105N 300 ANSI SA516-70N 2413 KPA	621	100	Visual MPI
CDL-35396- A-01 REV 2 PG-1105-1-D	GAS	1034	80	1138	AIR	A106-GR.B	1.588	1" SCH 80	A105N THREADED FITTING CLASS 3000	N/A	N/A	Visual
CDL-35396- A-03 REV 1 PG-1202-1-F	GAS	2069	80	2275	AIR	A106-GR.B	1.588	1" SCH 80	A105N THREADED FITTING CLASS 3000	N/A	N/A	Visual
CDL-35396- A-01A REV 1 PG-1203-1-D	GAS	1034	80	1138	AIR	A106-GR.B	1.588	1" SCH 80	A105N THREADED FITTING CLASS 3000	N/A	N/A	Visual
CDL-35396- A-01A REV 1 PG-1204-1-F	GAS	2069	80	2275	AIR	A106-GR.B	1.588	1" SCH 80	A105N THREADED FITTING CLASS 3000	N/A	N/A	Visual
								CONTINUED	ON	NEXT	PAGE	

CDL-35396-A-03 REV 1 PG-1501-2-F	GAS	2069	-29 TO 121	2275	AIR	A106-GR.B	3.175	2" SCH 80	A105N 300 ANSI	621	100	Visual
CDL-35396-A-03 REV 1 PG-1502-1-F	GAS	2069	80	2275	AIR	A106-GR.B	1.588	1" SCH 80	A105N THREADED FITTING CLASS 3000	N/A	N/A	Visual
CDL-35396-A-02 REV 1 PG-2101-2-F	GAS OIL	2069	-29 TO 121	2275	AIR	A106-GR.B	3.175	2" SCH 80	A105N 300 ANSI SA516-70N 2413 KPA	621	100	Visual MPI
CDL-35396-A-04 REV 2 PG-5101-2-F	GAS	2069	-29 TO 121	2275	AIR	A106-GR.B	3.175	2" SCH 80	A105N 300 ANSI	621	100	Visual
CDL-35396-A-01A REV 1 PG-5102-2-F	GAS LIQUID	2069	-29 TO 121	2275	AIR	A106-GR.B	3.175	2" SCH 80	A105N 300 ANSI	621	100	Visual
CDL-35396-A-04 REV 2 PG-5103-1-F	GAS	2069	80	2275	AIR	A106-GR.B	1.588	1" SCH 80	A105N THREADED FITTING CLASS 3000	N/A	N/A	Visual
CDL-35396-A-04 REV 2 PG-5104-2-F	GAS	2069	-29 TO 121	2275	AIR	A106-GR.B	3.175	2" SCH 160	A105N 300 ANSI	N/A	N/A	Visual
CDL-35396-A-04 REV 2 PG-5105-1-B	GAS	345	80	379	AIR	A106-GR.B	1.588	1" SCH 80	A105N THREADED FITTING CLASS 3000	N/A	N/A	Visual
CDL-35396-A-04 REV 2 FG-1601-1-F	GAS	2069	80	2275	AIR	A106-GR.B	1.588	1" SCH 80	A105N THREADED FITTING CLASS 3000	N/A	N/A	Visual
CDL-35396-A-03 REV 1 FG-1602-1-C	GAS	690	80	758	AIR	A106-GR.B	1.588	1" SCH 80	A105N THREADED FITTING CLASS 3000	N/A	N/A	Visual
CDL-35396-A-03 REV 1 FG-1603-1-C	GAS	690	80	758	AIR	A106-GR.B	1.588	1" SCH 80	A105N THREADED FITTING CLASS 3000	N/A	N/A	Visual
CDL-35396-A-03 REV 1 FG-1604-1-C	GAS	690	80	758	AIR	A106-GR.B	0	1" SCH 80	A105N THREADED FITTING CLASS 3000	N/A	N/A	Visual
CDL-35396-A-03 REV 1 FG-1606-1-F	GAS	2069	80	2275	AIR	A106-GR.B	1.588	1" SHC 80	A105N THREADED FITTING CLASS 3000	N/A	N/A	Visual
CDL-35396-A-04 REV 2 FG-1901-1-D	GAS	1034	80	1138	AIR	A106-GR.B	1.588	1" SHC 80	A105N THREADED FITTING CLASS 3000	N/A	N/A	Visual
CDL-35396-A-04 REV 2 FG-1902-1-D	GAS	1034	80	1138	AIR	A106-GR.B	1.588	1" SCH 80	A105N THREADED FITTING CLASS 3000	N/A	N/A	Visual
CDL-35396-A-04 REV 1 FG-1905-1-D	GAS	1034	80	1138	AIR	A106-GR.B	1.588	1" SCH 80	A105N THREADED FITTING CLASS 3000	N/A	N/A	Visual
CDL-35396-A-03 REV 2 LO-1502-1 1/2-F	OIL	2069	-29 TO 121	2275	AIR	A106-GR.B	1.588	1 1/2" SCH 80	A105N 300 ANSI	NO	10	Visual
CDL-35396-A-04 REV 1 LO-5102-1 1/2-F	OIL	2069	-29 TO 121	2275	AIR	A106-GR.B	1.588	1 1/2" SCH 80	A105N 300 ANSI	NO	10	Visual
CDL-35396-A-02 REV 1 LO-5103-1 1/2-F	OIL	2069	-29 TO 121	2275	AIR	A106-GR.B	1.588	1 1/2" SCH 80	A105N 300 ANSI	NO	10	Visual
CDL-35396-A-01A REV 1 DR-1107-1-D	LIQUID	1034	80	1138	AIR	A106-GR.B	1.588	1" SCH 80	A105N THREADED FITTING CLASS 3000	N/A	N/A	Visual
CDL-35396-A-01A REV 1 DR-1201-2-F	LIQUID	2069	-29 TO 121	2275	AIR	A106-GR.B	3.175	2" SCH 160/ SCH 80	A105N 300 ANSI	621	100	Visual
CDL-35396-A-01A REV 1 DR-1205-1-F	LIQUID	2069	80	2275	AIR	A106-GR.B	1.588	1" SCH 80	A105N THREADED FITTING CLASS 3000	N/A	N/A	Visual
CDL-35396-A-04 REV 2 DR-1903-1-D	LIQUID	1034	80	1138	AIR	A106-GR.B	1.588	1" SCH 80	A105N THREADED FITTING CLASS 3000	N/A	N/A	Visual
CDL-35396-A-01 REV 2 LQ-1106-2-D	LIQUID	1034	80	1138	AIR	A106-GR.B	1.588	2" SCH 80	A105N THREADED FITTING CLASS 3000	N/A	N/A	Visual

CERTIFICATE OF INSPECTION

I, the undersigned, employed by _____ have inspected the piping
job no. _____ described in this Construction Data Report and state that, to the best of my
knowledge and belief, the Contractor has constructed this piping in accordance with the applicable Sections of
the ASME Piping Codes and Province of Alberta Safety Codes Act and Regulations.

Date: _____ Date: _____

Print Owner's Inspector's Name Owner's Inspector's Signature

Name: _____ Sign.: _____

ABSA Safety Codes Officer
(BOILER EXTERNAL PIPING ONLY)

Current version of this Form may be obtained from www.absa.ca