

A600026

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 Enerflex Ltd., 10121 Barlow Trail NE, Calgary, Alberta, T3J 3C6
(Name and address of manufacturer)
2. Manufactured for Husky Oil Operations Ltd., Box 4490, Stn. D Calgary Alberta, T2P 3G7
(Name and address of purchaser)
3. Location of installation McMullen TCP, LSD: 03-35-078--25 W4
(Name and address)
4. Type Vertical 12518236 V2200.213 12517-V402 Rev.5 --- 2010
(Horizontal or vertical, tank) (Manufacturer's serial Number) (CRN) (Drawing Number) (National Board number) (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
to 2009
[Addenda (date)] (Code Case numbers) (Special service per UG-120(d))
6. Shell: SA-516-70N 0.625" 0.0625" 4' - 0" 8' - 6" S/S
(Material spec. number, grade) (Nominal thickness) (Corr. allow.) (Inner diameter) (Length (overall))
7. Seams: Type 1 Full 1.0 --- --- Type 1 Spot 0.70 1
(Long. (welded, dbl., singl., lap, butt)) (R.T. (spot or full)) (Eff., %) (H.T. temp.) (Time, hr) (Girth (welded, dbl., singl., lap, butt)) (R.T. (spot or full)) (Eff., %) 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)	Top	0.5625"	0.0625"	---	---	SE 2:1	---	---	---	Concave
(b)	Bottom	0.5625"	0.0625"	---	---	SE 2:1	---	---	---	Concave

If removable, bolts used (describe other fastenings) ---

9. MAWP 350 PSIG --- at max. temp. 250°F
(Internal) (External) (Internal) (External)
- Min. design metal temp. -20°F at 350 PSIG . Hydro., pneu., or comb. test pressure 455 PSIG
Proof Test ---
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	FORM		

11. Supports: Skirt No Lugs 2 Legs --- Other Support Lugs Attached Head/Shell & Welded
(Yes or no) (Number) (Number) (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: ---

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

Vessel Type: Primary Oil Separator Construction Drawing: 12518-V402 Sht. 1, 2 Rev.5

Impact testing: exempt, per UG-20(f)(1-5), UCS-66(c) Volume: 128 Cu. Ft.

Relief Valve installed on piping in accordance with UG-125

18" CL300 RFBL Flange SA-105N Studs: 1 1/4"Ø 8" Lg. SA-193-B7 Qty. 24, Nuts: 1 1/4"Ø SA-194-2H Qty. 48

2 - 4" CL300 Hub Flange RF SA-105N Studs: 3/4"Ø 4 1/2" Lg. SA-193-B7 Qty. 16, Nuts: 3/4"Ø SA-194-2H Qty. 32

8 - 2" CL300 RFBL SA-105N Studs: 5/8"Ø 3 1/2" Lg. SA-193-B7 Qty. 56, Nuts: 5/8"Ø SA-194-2H Qty. 112

2" CL300 RF Hub Flange SA-105N Studs: 5/8"Ø 3 1/2" Lg. SA-193-B7 Qty. 8, Nuts: 5/8"Ø SA-194-2H Qty. 16

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 33.658 expires November 26, 2011.

Date 1 Oct 2010 Co. name Enerflex Ltd. Signed [Signature]
(Manufacturer) (Representative)

CERTIFICATE OF SHOP/FIELD INSPECTION

Vessel constructed by Enerflex Ltd. at Calgary, Alberta, Canada

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 OCT 04 2010 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 OCT 04 2010 Signed [Signature] Commissions ALTA #58
(Authorized Inspector) (National Board (incl. endorsements), State, Province and Number)

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 | <u>Enerflex Ltd., 10121 Barlow Trail NE, Calgary, Alberta, T3J 3C6</u> | | |
| | (Name and address of Manufacturer) | | |
| 2. Manufactured for | <u>Husky Oil Operations Ltd., Box 4990, Stn. D Calgary Alberta, T2P 3G7</u> | | |
| | (Name and address of Purchaser) | | |
| 3. Location of Installation | <u>McMullen TCP, LSD: 03-35-078--25 W4</u> | | |
| | (Name and address) | | |
| 4. Type: | <u>Vertical</u> | <u>Primary Oil Separator</u> | <u>12518236</u> |
| | (Horizontal, vertical, or sphere) | (Tank, separator, heat exch., etc.) | (Manufacturers serial Number) |
| | <u>V2200.213</u> | <u>12517-V402 Rev.5</u> | <u>2010</u> |
| | (CRN) | (Drawing Number) | (Year built) |
| | | <u>---</u> | |
| | | (National Board Number) | |

Remarks

[illegible]

Certificate of Authorization: Type "U" No. 33,658 Expires November 26, 2011

Date 1 Oct 2010 Name Enerflex Ltd. Signed *dimok*
(Manufacturer) (Representative)

Date OCT 04 2010 Name *BSears* Commissions ALTA # 58
(Authorized Inspector) (National Board (incl. endorsements), State, Province and Number)

104078-CRN-3
Additional Drawing No.
.517
Header Volume (cu.ft.)

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 Harsco Industrial Air-X-Changers, 5215 Arkansas Road, Catoosa, Oklahoma, 74015, USA
(Name and address of manufacturer)

2. Manufactured for ENERFLEX LTD., C&P- BARLOW, 10121 BARLOW TRAIL NE, CALGARY, T3J 3C6, CANADA
(Name and address of purchaser)

3. Location of Installation UNKNOWN 03-35-78-25-44
(Name and address)

4. Type Heat Exchanger 104079.3 V1683.213 HDR-3, REV0 68492 2010
(Horizontal or vertical, tank) (Manufacturer's serial number) (CRN) (Drawing No.) (National Board number) (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 to A09
(Code Case numbers) (Low Temperature (Special Service per UG-120(d))) (year) [Addenda (Date)]

6. Shell: SA516 70(N) .75 in 0.0625 in N/A N/A
(Material spec. number, grade) (Nominal thickness) (Corr. allow.) (Inner diameter) (Length (overall))

7. Seams: Corner Joint N/A C=20 1150 °F 0.75 N/A N/A N/A N/A
(Long. (welded, dbl., sngl., lap, butt)) R.T. (Spot or Full) Eff. (%) (H.T. temp) Time (hr) [Girth. (welded, dbl., sngl., lap, butt)] [R.T. (spot or full)] Eff. (%) No. of Courses

8. Heads: (a) Material SA516 70(N) (b) Material SA516 70(N)
(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, BTM	.625"	0.0625	N/A	N/A	N/A	N/A	N/A	6" x 28.375"	N/A
(b)	ENDS	.5"	0.0625	N/A	N/A	N/A	N/A	N/A	6" x 5.4375"	N/A

If removable, bolts used (describe other fastenings)

N/A

(Material spec. number, grade, size, number)

9. MAWP 350 psi N/A at max. temp. 300 °F N/A
(Internal) (External) (Internal) (External)

Min. design metal temp. -49 °F at 350 psi Hydro, pneu., or comb. test pressure HYDRO. at 455 psi

Proof test N/A

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	Number	Diameter or Size	Type	Material	Nominal Thickness	Reinforcement Material	How Attached	Location
IN/OUT	2	6"	300# RFWN	SA350 LF2/SA333 GR.6	SCH-80	Weld	Welded	Header
DRAIN	1	1"	CPLG	SA350 LF2	6000#	Weld	Welded	Header
DRAIN	2	1"	CPLG	SA350 LF2	6000#	Weld	Welded	Header

11. Supports: Skirt NO Lugs N/A Legs N/A Other Structure Attached Bolted
(Yes or no) (Number) (Number) (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, Manufacturer's name and identifying stamp)

Line 6 - Tube and Plug Dimensions OR Header Dimensions: 6.6875" X 0.7500" X 2' 4.3750"

Straight length of tubes, OR, Distance between the headers: 24' 0.0"

(A) TUBES: 70 x .625" OD, Gauge: 16BWG, Material: SA214 Rolled Tube Sheet (B) INSP. OPENINGS:

Additional Remarks - See Attached U-4...

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 No. 4241 expires 12/31/2011

Date 07/28/2010 Co. name Harsco Industrial Air-X-Changers
(Manufacturer)

Signed Jan K. Messer
(Representative)

CERTIFICATE OF SHOP/FIELD INSPECTION

Vessel constructed by Harsco Industrial Air-X-Changers at 5215 Arkansas Road, Catoosa, Oklahoma, 74015, USA, I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province OK and employed by OneBeacon America Insurance Co. of Lynn, MA have inspected the component described in this Manufacturer's Data Report on July 20, 2010 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 07/29/2010 Signed [Signature] Commissions 11672A, OK765

(National Board (incl. endorsements), State, Province and number)

PSV-300PSI/2067 kPa, SCFM-4471 SE

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,

1. Manufactured and certified by Harsco Industrial Air-X-Changers, 5215 Arkansas Road, Catoosa, Oklahoma, 74015, USA
(Name and address of Manufacturer)

2. Manufactured for ENERFLEX LTD., C&P- BARLOW, 10121 BARLOW TRAIL NE, CALGARY, T3J 3C6, CANADA
(Name and address of Purchaser)

3. Location of Installation UNKNOWN
(Name and address)

4. Type Heat Exchanger N/A 104079.3
(Horizontal, vertical, or sphere) (Tank, separator, heat exh., etc.) (Manufacturer's serial number)

V1683.213 HDR-3, REV0 68492 2010
(CRN) (drawing no.) (National Board number) (Year built)

Additional nozzles, inspection and safety valve openings:

Additional Remarks:

140, Type: 3/4X16UNF-Threaded, Material: SA350 LF2 (C) IMPACT REQUIREMENTS: PLATE IMPACT EXEMPT
PER: UCS-66(A) & FIGURE UCS-66 CURVE D & UCS 68. PIPE AND FLANGE IMPACT EXEMPT PER: UCS-66(G).
Constructed in conformance with Appendix 28.

Certificate of Authorization: Type "U" No. 4241 Expires 12/31/2011

Date 07/28/2010 Name Harsco Industrial Air-X-Changers Signed John R. Messer
(Manufacturer) (Representative)

Date 07/29/2010 Name [Signature] Commissions: 11672A, OK765
(Authorized Inspector) (National Board (incl. endorsements), State, Province and number)

12518

FORM U-3 MANUFACTURER'S CERTIFICATE OF COMPLIANCE
COVERING PRESSURE VESSELS TO BE STAMPED WITH THE UM SYMBOL, SEE U1(i)
As required by the provisions of the ASME Code Rules, Section VIII, Division 1

1. Manufactured and certified by GEA PHE SYSTEMS NORTH AMERICA, INC. 100 GEA DRIVE YORK PENNSYLVANIA 17402 USA
 (Name and address of Manufacturer)
 2. Manufactured for Vilter Manufacturing, LLC 5555 South Packard Avenue Cudahy, WI 53110
 (Name and address of Purchaser)

3. Location of installation Southwest Cheese
 (Name and address)
 4. Type Vertical Brazed Plate Heat Exchanger 0.762 & 0.771 cu. ft. H180CN17510038
 (Horiz., vert., or sphere) (Tank, separator, etc.) (Capacity) (Mfg's. serial No.)
0H0788.9C FPA10X20-180M/7858 2010
 (Drawing No.) (Year built)

5. ASME Code, Section VIII, Div. 1 2007 Edition, (ADD.2009b) 1518-4
 (CRN) (Code Case No.)
 (Edition and Addenda (date))

6. Shell (a) No. of course(s): 180 (b) Overall length (ft & in.): 15.48'

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
180	10X20	0.094"	SA-240 316L		.016	0	LAP	None	N/A	LAP	None	N/A	N/A	N/A
-	-	-	-		-	-	-	-	-	-	-	-	-	-
-	-	-	-		-	-	-	-	-	-	-	-	-	-

7. Heads: (a) SA-240 304 (b) SA-240 304
 (Mat'l Spec. No., Grade or Type) (H.T. - Time & Temp.) (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	.134	0	N/A	N/A	N/A	N/A	N/A	10X20	N/A	N/A	N/A	None	N/A
(b)	BOTTOM	.179	0	N/A	N/A	N/A	N/A	N/A	10X20	N/A	N/A	N/A	None	N/A

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

8. Type of Jacket N/A Jacket Closure N/A
 (Describe as ogee & weld, bar, etc.)

If bar, give dimensions, if bolted describe or sketch N/A

9. MAWP 400 - psi at max. temp. 350 - °F. Min. design metal temp. -320 °F at 400 psi.
 (internal) (external) (internal) (external)

10. Impact test None, Exempt per UHA51 at test temperature of - °F.
 (Indicate yes or no and the component(s) impact tested)

11. Hydro., pneu. test press. pneu. 525 psig Proof test Burst 2300psig -- Tested per UG101 (p) -- Witnessed 2/25/2000

12. Nozzles, inspection and safety valve openings:				Material		Nozzle Thickness		Reinforcement	How Attached		Location (Insp. Open.)
Purpose (Inlet, Outlet, Drain, etc.)	No.	Diameter or Size	Flange Type	Nozzle	Flange	Nom.	Corr.		Nozzle	Flange	
Inlet	1	2.5	SW	SA-312	N/A	.152	0	N/A	*1	N/A	-
Outlet	2	2.5	SW	SA-312	N/A	.152	0	N/A	*1	N/A	-
Inlet	6	2.5	SW	SA-312	N/A	.152	0	N/A	*1	N/A	-
Outlet	7	2.5	SW	SA-312	N/A	.152	0	N/A	*1	N/A	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-

13. Supports: Skirt No Lugs 0 Legs 0 Others Studs Attached Welded
 (Yes or no) (No.) (No.) (Describe) (Where and how)

14. Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report: (List name of part, item number, mfg's. name and identifying number)
-None

15. Remarks: -Nickel brazed plate heat exchanger for non-corrosive and non-lethal service 15.48" x 10" x 20" (DxWxL)

-1.UW-16.1 (bb)

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.
 UM Certificate of Authorization No. 30,373 Expires 6/24/2011

Date 7/15/2010 Name GEA PHE SYSTEMS NORTH AMERICA, INC. Signed [Signature]
 (Manufacturer) (Representative)
 Signed [Signature]
 (Certified Individual)



#1, 12181 44TH STREET S.E. CALGARY ALBERTA PH:403-215-6961

AUTHORIZED BLUE TAG ASSEMBLER
CALIBRATION REPORT

DATE	July 07, 2010
CUSTOMER:	Enerflex Ltd.
ADDRESS	10121 Barlow Trail NE Calgary, AB T3J 3C6
SERIAL NUMBER	592027
PRODUCT NUMBER	91-34H12T82U1
INLET AND OUTLET	1.5" 300 RF X 2" 150 RF "H" Orifice
SERIES SAFETY RELIEF VALVE	9100
SET PRESSURE	300 PSI
LEAK TEST	0 BPM @ 285.0 PSI
CAPACITY	4,471 SCFM AIR
BACK PRESSURE	
TEMPERATURE	70F
COLD SET	
TRIM	STD
CANADIAN REGISTRATION #	0G8841.5C
QUOTE ORDER NUMBER	2094667 REV.1
WORK ORDER NUMBER	212335
CUSTOMER P.O. NUMBER	MP527114
LOCATION:	
CUSTOMER ID#:	
CUSTOMER REFERENCE:	

THE VALVES PURCHASED ON THE ABOVE WORK ORDER NUMBER WERE BUILT PER SECTION VIII, DIVISION 1 OF THE ASME BOILER AND PRESSURE VESSEL CODE.



CERTIFIED INDIVIDUAL
QUALITY CONTROL



the pressure equipment safety authority

PRESSURE PIPING CONSTRUCTION AND TEST DATA REPORT

In accordance with the provisions of the PESR Section 31(1)

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: Enerflex Ltd Owner's Job No: 12518
 (Name of ABSA authorized primary contractor or subcontractor)
10121 Barlow Trail N.E. Calgary, AB T3J 3C6
 (Address)

Certificate of Authorization Permit No. AQP-1405(S) Expiry Date: November 26th 2011

2. Constructed For: N/A
 (Name of primary contractor if different from above)
N/A
 (Address)

Certificate of Authorization Permit No. AQP-N/A Expiry Date: NA
 (Required when the primary contractor undertakes some/all of the quality functions, e.g., NDE, PWHT, Tie-in, fabrication, hydro test, final assembly etc.)

3. Owner: Husky Oil Operations Ltd.
 (Name and address)
Site: McMullen TCP LSD: 03-35-078-25 W4
 (Location of installation)

Certificate of Authorization Permit No. AQP-NA Expiry Date: NA
 (Required when the owner undertakes some/all of the quality functions, e.g., NDE, PWHT, Tie-in, fabrication, hydro test, final assembly etc.)

4. Piping Design Alberta Registration No.: PP-0079-G-120-P
 (Required if aggregate piping volume is over 0.5m³)

5. Design Responsibility: Owner ☐; Contractor ☒

6. WP No.: WP-496.2; Company: Enerflex Ltd Owner's WP No. (If used): WP-
 (Alberta Registration No.) (Alberta Registration No.)
 WPS No(s). used: 1,5,6,7; Owner's WPS No(s). (If used):

7. Code: ASME B31.1 Non Boiler External Piping ☐; ASME B31.1 Boiler External Piping ☐;
 B31.5 ☐; B31.9 ☐; CSA Z662 Steam Distribution Piping ☐;
 ASME B31.3 ☒ - Service Category: Normal ☒, D ☐, M ☐, High Pressure ☐; Severe Cyclic Condition ☐

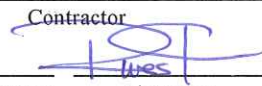
Drawing No. Rev. No. Line No.	Fluid (Air/Stm. Etc.)	Des. Press. KPA	Des. Temp. °C (Max. & Min.)	Pressure Test KPA	Test Medium	Pipe Mat'l Spec. & Grade	C.A. mm	Pipe NPS & Schedule	Flange Material & Rating	PWHT/ Preheat Temp. °C	NDE
12518-111 R6 12518-113 R8 12518-115 R7											
12"-Air-FR0200-1-C31 10"-Air-K0200-1-C31 10"-Air-V0200-1-C31 8"-Air-AC-1-C31 8"-Air-AC-2-C31 3"-Air-V0200-3-C31	Air	2068	-29/121	3102	Water	SA 106B	1.6	12" Std. 10" Std. 8" Std. 6" Std.	SA 105, 300#	15.5	RT-10% MT-10% Filletts
10"-Air-V0200-1-L31 8"-Air-AC-1-L31 8"-Air-AC-2-L31	Air	2068	-29/121	3102	Water	SA 333-6	1.6	10" Std. 8" Std.	SA350-LF2 CL1, 300#	15.5	RT-10% MT-10% Filletts
6"-Air-V0200-3-C11	Air	1670	-29/121	2505	Water	SA 106B	1.6	6" Std.	SA 105, 150#	15.5	RT-10% MT-10% Filletts
3"-L-V0200-2-C31 4"-L-E0201-1-C31 3"-L-E0201-1-C31	Lube Oil	2068	-29/121	2275	Air	SA 106B	1.6	3" Std. 2" Std.	SA 105, 300#	15.5	RT-10% MT-10% Filletts

3"-L-E0201-2-C31											
1"-Air-AC-3-C31 From V0100 to K0100	Air	2068	-29/121	2275	Air	SA 106B	1.6	1" XH 1/2" S160	SA 105, 300#	NA	NA
1"-Air-AC-3-C11 1"-Air-V0100-3-C11	Air	1670	-29/121	1837	Air	SA 106B	1.6	1" XH	SA 105, 300#	NA	NA
2"-F-Supply-1-C11 2"-F-V0201-1-C11 2"-HG-Supply-1-C11	Gas	1034	-29/121	1137	Air	SA106B	1.6	2" XH 1 1/2" XH	SA 105, 150#	NA	NA
1"-IA-Supply-1-C11	Air	1034	-29/121	1137	Air	SA106B	1.6	1" XH	SA 105, 3000 NPT	NA	NA
PCV Inst. Tubing Instrument Air	Air	1034	-29/121	1137	Air	SA 213-316	0	1/2" .049" 3/8" .035"	NA	NA	NA
TC Inst. Tubing	Gas	244	-29/121	268	Air	SA 213-316	0	1/2" .049" 3/8" .035"	NA	NA	NA
Hydrocarbon Drain Tubing	Hydrocarb ons	1692	-29/121	1861	Air	SA 213-316	0	1/2" .049" 3/8" .035"	NA	NA	NA

Partial Data Reports certified by sub-contractors are listed below and attached to this Data Report ☐

No.	Line No.	Spool No.	Drg. No. (with Rev. No.)	Sub-contractor (Name)	AQP No. (if from Alberta)	Expiry (if from Alberta)

Remarks: For partial data report provide information about the code work that was not completed by the subcontractor (e.g., hydrostatic test, PWHT etc.). For final data report provide information about the code work that was not completed by subcontractors and subsequently completed by the primary contractor (e.g., hydrostatic test of entire assembly, PWHT etc.)

Endorse certificate 'A' or 'B'	
<p style="text-align: center;">A. CERTIFICATE OF COMPLIANCE</p> <p>Signed by the subcontractor when supplying this certificate as a Partial Data Report</p> <p>We certify that the statements in this Data Report are correct and that materials, construction and workmanship of the piping fabrication conform to the registered quality system and the applicable Piping code(s).</p> <p>Date: _____</p> <p style="text-align: right;">Contractor</p> <hr/> <p>Print Authorized Representative's Name Signature</p> <p>This certificate is not valid unless it forms part of a Final Data Report signed by Primary Contractor</p>	<p style="text-align: center;">B. CERTIFICATE OF COMPLIANCE</p> <p>Signed by the primary contractor when supplying this certificate as a Final Data Report</p> <p>We certify that the statements in this Data Report are correct and that piping job no. <u>12518</u> described in this Data Report was constructed in accordance with the Province of Alberta Safety Codes Act and Regulations, and applicable ASME Piping Code(s).</p> <p>Date: <u>Feb 23, 2011</u> <u>Enerflex Ltd</u></p> <p style="text-align: right;">Contractor</p> <p style="text-align: right;"></p> <hr/> <p>Rebecca West _____</p> <p>Print Authorized Representative's Name Signature</p>

CERTIFICATE OF INSPECTION

I, the undersigned, employed by _____ have verified that all required examination and testing has been completed, and inspected the piping described in this construction data report to the extent necessary to be satisfied that it conforms to all applicable examination requirements of the Code and of the engineering design, and state that, to the best of my knowledge and belief, the contractor has constructed this piping in accordance with the Alberta Safety Codes Act and Regulations. By signing this certificate neither the inspector nor his or her employer makes any warranty, expressed or implied, concerning the piping described in this construction data report. Furthermore, neither the inspector nor his or 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: _____	Date: _____
_____	_____
Owner's Inspector Name (please print)	ABSA Safety Codes Officer (please print) (BOILER EXTERNAL PIPING ONLY)
_____	_____
Owner's Inspector Signature:	ABSA Safety Codes Officer's Signature