



# Husky Energy

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4335 – 44 St  
Lloydminster, Saskatchewan  
S9V 0Z8

November 25, 2013

File No: 62019714

62048715

62048714

Licensing and Inspections  
Technical Safety Authority of Saskatchewan  
Suite A – 2210 2<sup>nd</sup> Avenue  
Regina, SK S4R 8T3

RE: Applications TSK-0001, TSK-0002

Dear Sir/Madam:

Please find enclosed Applications for Licence to Operate and Installation Permit, along with required documentation and the corresponding fees.

If you have any questions or concerns, please contact Karen Hawryluk 306-825-1143 or Ray Trachuk 306-825-1234.

Sincerely,

Husky Oil Ltd.

Karen Hawryluk  
Asset Integrity, Administrator

Attachments:

Applications TSK-001 & TSK-002: Serial # 94-111

Manufacturer's Data Report: Serial # 94-111

Applications TSK-001 & TSK-002: Serial # 944411.3

Manufacturer's Data Report: Serial # 944411.3

Applications TSK-001 & TSK-002: Serial # 944411.4

Manufacturer's Data Report: Serial # 944411.4

Husky Cheque Number 44460148



Husky Group of Companies  
P.O. Box 6525, Station D  
Calgary, Alberta T2P 3G7

DATE

19 Nov 2013

CHEQUE NUMBER

44460148

To: TECHNICAL SAFETY AUTHORITY OF  
SASKATCHEWAN  
BOILER & PRESSURE VESSEL SAFETY  
2202 2 AVE  
REGINA SK S4R 1K3



Husky Group of Companies  
P.O. Box 6525, Station D  
Calgary, Alberta T2P 3G7

DATE

19 Nov 2013

CHEQUE NUMBER

44460148

VENDOR		TECHNICAL SAFETY AUTHORITY OF		VENDOR NUMBER		381761
DOCUMENT NUMBER	INVOICE NUMBER	INVOICE AMOUNT	DATE	DESCRIPTION	NET AMOUNT	
6902070785	131118TSASKAF	\$558.00	18 Nov 2013	Karen Hawryluk, HPL 147E @ 1143 TSASK Application Fees: TSK-0001 & TSK-0002 (Tangleflags North- Heat Exchangers & Separator)	\$558.00	
TOTAL					*****\$558.00	

REMITTANCE ADVISE - RETAIN FOR YOUR RECORDS

PLEASE DETACH BEFORE DEPOSITING CHEQUE



Husky Group of Companies  
P.O. Box 6525, Station D  
Calgary, Alberta T2P 3G7

Canadian Imperial Bank of Commerce  
CIBC Place  
Calgary, Alberta T2P 2P2  
00009-010

CHEQUE NUMBER

44460148

DATE

19112013  
D D M M Y Y Y Y

CANADIAN  
DOLLARS  
PAY EXACTLY

\*\*\*\*\*\$558.00  
-Ast-Ast-Ast-Ast-Ast-Ast-Ast-DollarFiveFiveEight-Per-Zero-Zero-

\$ \*\*\*\*\*558.00

PAY  
TO  
THE  
ORDER  
OF

TECHNICAL SAFETY AUTHORITY OF  
SASKATCHEWAN  
BOILER & PRESSURE VESSEL SAFETY  
2202 2 AVE  
REGINA SK S4R 1K3

Husky Oil Operations Limited  
CANADIAN DOLLARS



PER

AUTHORIZED SIGNING OFFICER

AUTHORIZED SIGNING OFFICER

ORIGINAL DOCUMENT CONTAINS AN ARTIFICIAL WATERMARK ON BACK - HOLD AT AN ANGLE TO VIEW. FACE OF DOCUMENT IS A DUAL COLOURED BACKGROUND NOT A WHITE BACKGROUND.

⑈44460148⑈ ⑆30309⑈010⑆ 47⑈02417⑈

CHEQUE/CAN/USA/MC/HKY 0495



## Installation or Repair/Alteration Permit

**TSK-0001**

### I. Application Information

☒ Installation ☐ Repair ☐ Alteration ☐ Replacing equipment, if yes, old Serial #: \_\_\_\_\_

If a repair or alteration, please fill out the Repair/Alteration form and submit with this form and disregard Section V. of this application.

Along with this Application, please include payment for either:

☒ Standard Base Application Fee = **\$80.00**

**\*\*A fee of \$143.00/hour plus GST will be invoiced in addition to the base fee for the cost of the inspection. Acceptance inspections will also be invoiced at this rate.**

☐ Expedited Permit Application Fee = **\$160.00**

**A fee of \$215.00/hour plus GST will be invoiced in addition to the expedited fee for the cost of the inspection**

Any installation, repair or alteration of a boiler or pressure vessel must be performed under an installation permit by a licensed contractor. The permit fee as listed in Table 6 of the Appendix of the Regulations must be submitted with each permit as required **for each boiler or pressure vessel/refrigeration being installed, repaired or altered.**

**We require the fully completed Installation Permit accompanied by the appropriate fee in order to process the permit.**

#### Exemptions:

The following items are exempt under the Legislation:

*(Further exemptions may also apply as described in the legislation.)*

Heating boilers of 3 square metres heating surface or less;

Power boilers of 2 square metres heating surface or less;

Pressure vessels of 152 mm inside diameter or less; or

Pressure vessels of 0.0425 cubic metres of internal volume or less.

#### Refrigeration Plants and Refrigeration Vessels:

Refrigeration plants require one permit per vessel. All vessels included in the plant must have their data reports attached to the application.

### II. Location of Equipment

Building or Oilfield Name: TANGLEFLAGS NORTH

Land Location: 111/04-18-051-25W3/03

Address :

Street Address

Town/City

Province

GPS Location (If available): \_\_\_\_\_

### III. Owner Information

Company Name: HUSKY ENERGY

Contact Person: MARIE WHITMAN

Mailing Address: 4335-44TH STREET

LLOYDMINSTER

SK

S9V 0Z8

Street Address

Town/City

Province

Postal Code

Telephone: (306) 820-4032

Fax: ( )

Email: marie.whitman@huskyenergy.com

Oil Battery Operator's Contact Phone Number: ( ) Archie Day - 780-205-2080

### IV. Installer/Contractor Information:

Company Name: HUSKY OIL OPERATIONS

Contact Person: Marie Whitman

Address: 707-8TH AVE. SW

CALGARY

AB

T2P 3G7

Street

Town/City

Province

Postal Code

Contractor's Licence No: 3854

(for installations, repairs or alterations)

QCP or QMS License No: \_\_\_\_\_

(for repairs or alterations only)

Date work to commence: \_\_\_\_\_

yyyy/mm/dd

Date item available for inspection: 2013-11-18

yyyy/mm/dd

Email: Marie.Whitman@huskyenergy.com

Telephone: ( ) 306-820-4032

Fax: ( )


**V. Description of Item (Installation only)**☐ **Boiler:**

<b>Manufacturer</b> _____		<b>Model</b> _____	
<b>Type</b>	<input type="checkbox"/> Cast Iron <input type="checkbox"/> Coil <input type="checkbox"/> Fin Tubed <input type="checkbox"/> Firetube <input type="checkbox"/> Water Tube <input type="checkbox"/> Steam Traction <input type="checkbox"/> Electric <input type="checkbox"/> Other	<b>Heating Surface</b> _____ <small>(square m - bare tube for coil or fin tube)</small>	
<b>Serial Number</b> _____		<b>Date of Manufacture</b> _____ <small>(yyyy/mm/dd)</small>	
<b>CRN or National Board Number</b> _____		<b>Data Report Attached</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If No, please explain:</i> _____	
<b>Service:</b> <input type="checkbox"/> Hot Water <input type="checkbox"/> Steam <input type="checkbox"/> Thermal <input type="checkbox"/> Low pressure <input type="checkbox"/> High Pressure		<b>Maximum Allowable Working Pressure</b> _____ <small>(kPa)</small>	

☒ **Pressure Vessel: (For Refrigeration Plants, please attach a list of vessels being installed)**

<b>Manufacturer</b> AIR-X-CHANGERS		<b>Serial Number</b> 944411.4	
<b>Type</b>	<input type="checkbox"/> Hot Water Tank <input type="checkbox"/> Air Receiver <input type="checkbox"/> Oilfield Treater <input type="checkbox"/> Gas & Oil Separator <input checked="" type="checkbox"/> Heat Exchanger <input type="checkbox"/> Sterilizer <input type="checkbox"/> Cooker <input type="checkbox"/> Propane Dispensing Tank <input type="checkbox"/> Box/Plate Heat Exchanger <input type="checkbox"/> Fired Process HTR <input type="checkbox"/> NH3 Tank <input type="checkbox"/> NH3 Dispensing Tank <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Scrubber <input type="checkbox"/> Hydro-pneumatic Tank <input type="checkbox"/> Propane Vehicle Fuel Tank <input type="checkbox"/> Deaerator <input type="checkbox"/> Blowdown Vessel <input type="checkbox"/> Flash Tank <input type="checkbox"/> Propane Tank <input type="checkbox"/> Refrigeration Plant <input type="checkbox"/> Refrigeration Vessel <input type="checkbox"/> Other <input type="checkbox"/> Free Water KO		
<b>Dimensions: Overall Length</b> .797 (metres)		<b>Outside Diameter:</b> .203 (metres)	
<b>Refrig Plants &amp; Refrig Vessels: # of Vessels(New Plant)</b> _____		<b>Refrig Tonnage</b> _____ (Tonnes)	
<b>CRN or National Board Number</b> K2766.23		<b>Date of Manufacture</b> 1994 (yyyy/mm/dd)	
<b>Data Report Attached</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If No, please explain</i> _____			
<b>Service</b> gas (ie. Air, Water, Propane, etc.)		<b>Maximum Allowable Working Pressure</b> 4516 (kPa)	

**VI. Authorizing Signature**

I hereby state that, to the best of my knowledge, the information contained within this document is complete and correct.	
<b>Marie Whitman</b> <small>Please print Name here</small> 2013-11-18 <small>Date</small>	 2013.11.18 09:25:52 -07'00' Signature Integrity Inspector Position with Organization

**VII. Fee**

<b>Attached Fee</b> \$80	<b>Method of Payment</b> cheque
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**VIII. Acceptance Inspection**

Please select where invoice for inspection is to be sent :	<b>Owner of Equipment</b> <input checked="" type="checkbox"/>	<b>Installer/Contractor</b> <input type="checkbox"/>
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**IX. For Inspector's Use Only**

<input type="checkbox"/> <b>Inspections Services</b> <b>Hours Charged:</b> _____ <b>Date of Inspection:</b> _____	
<input type="checkbox"/> Shop <input type="checkbox"/> Return <input type="checkbox"/> Installation <input type="checkbox"/> Periodic <input type="checkbox"/> Site Fabrication	
<input type="checkbox"/> <b>Expedited Service:</b> <b>Total Hours:</b> _____	<input type="checkbox"/> <b>Meals x</b> _____ <b>(# of meals)</b> <input type="checkbox"/> <b>Mileage :</b> _____ <b>kms</b>
<b>Inspector's Approval:</b> _____	<b>Manager's Approval:</b> _____
<b>For Administrative Use Only:</b>	
<b>Permit #</b> _____	<b>Date Processed:</b> _____ <b>Signature</b> _____

#### X. Application Requirements For NEW EQUIPMENT ONLY (Checklist)

- ☐ CRN is registered in Saskatchewan
- ☐ TSK-0001 Installation Permit Application form
- ☐ TSK-0002 Licence to Operate form
- ☐ TSK-0003 Payment Authorization Form (if paying by VISA, MASTERCARD)
- ☐ Copy of Manufacturer's data report

#### XI. Application Requirements For REPAIR / ALTERATION ONLY (Checklist)

- ☐ Ensure vessel is already registered with TSASK (Installation Permit and Data Report has been submitted and vessel has passed the Acceptance Inspection)
- ☐ TSK-0001 Repair/Alteration Permit
- ☐ TSK-1009 Repair/Alteration Report
- ☐ TSK-0003 Payment Authorization Form (if paying by VISA, MASTERCARD)

\*\*\* Please note, there are some instances where equipment does not need to be registered with TSASK prior to a repair/alteration being performed. If you have any questions regarding the procedure please contact our office at 306-798-7112

**Note:** Once all of the above requirements have been completed you may submit your request to us three (3) different ways. They are as follows:

- ☐ Email your request to [boilerpermits@tsask.ca](mailto:boilerpermits@tsask.ca)
- ☐ Fax your request to us at 306-787-9273 (Toll Free within Saskatchewan 1-866-760-9255)
- ☐ Mail your request to the following address:

**The Technical Safety Authority of Saskatchewan (TSASK)**  
**2202 2nd Ave.**  
**Regina, Sask S4R 1K3**

\*\*If you have any questions or concerns regarding your registration submission please feel free to contact us directly at 306-798-7112 or 1-866-530-8599. You can also email your inquiries to us at the above mentioned address ([boilerpermits@tsask.ca](mailto:boilerpermits@tsask.ca)).\*\*



## Initial Application for Licence to Operate

This initial application for a Licence to Operate form must be filled in completely and returned to the Authority with payment of **\$106.00**. Failure to do so may result in a delay in the processing of your application. **Only one piece of pressure equipment per application.** Please refer to **TSK-0003** Client Authorization Payment form for payment options. You can download all forms at [www.tsask.ca](http://www.tsask.ca). Under the Boiler & Pressure Vessel Act, any equipment found operating without a valid Licence to Operate and Installation Permit, will be invoiced a fee of \$300.00.

**TSK-0002**

### I. Owner's Information

**Company:** HUSKY ENERGY

**Address:** 4335-44TH STREET LLOYDMINSTER SK S9V 0Z8  
(Apt/Street) (City) (Prov) (Postal Code)

**Phone:** ( ) **Fax:** ( )

**Contact Name:** Marie Whitman **Contact Phone #:** (306) 820-4032

**Email:** marie.whitman@huskyenergy.com **Contact Fax #:** ( )

To the best of my knowledge, this application and all supporting documents are accurate. I understand that a false or misleading statement in this application or in any of the reference or other evidence of qualification submitted by myself or on my behalf may result in the Chief Inspector denying this application.

W Whitman

2013.11.18 09:23:07 -07'00'

(Signature of Owner or delegate)

11-18-2013

(Date -MM DD YYYY)

### II. Equipment Information

☒ **New Installation** ☐ **Change of Owner** **Licence #** (If previously Licensed) \_\_\_\_\_

**Equipment type:** ☐ **Boiler** ☒ **Pressure Vessel** ☐ **Refrigeration Vessel**

**Serial #:** 944411.4 **CRN #:** K2766.23

**Equipment Location:** 111/04-18-051-25W3  
HUSKY EQ # 62048715

**Operated under a Quality Management System:** ☒ **Yes** **QMS #:** QMS-0017-0001

### III. Office Use Only

**Authorization #:** \_\_\_\_\_ **Date Processed:** \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
Day Month Year

**Authorized By:** \_\_\_\_\_ **Signature:** \_\_\_\_\_

**Comments:** \_\_\_\_\_



FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS  
(Alternative For Single Chamber, Completely Shop-Fabricated Vessels Only)  
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

move from A16-01 SN 9444 113

A2988161  
299-01

1. Manufactured and certified by Air-X-Changers, Division of Patterson-Kelly Co., Harsco Corp., 5215 Arkansas Road, Port of Catoosa, OK 74015  
(Name and address of manufacturer)  
Manufactured for BTB COMPRESSORS, #5, 6565 40TH ST. S.E., CALGARY, ALBERTA, CANADA T2C 2J9  
(Name and address of purchaser)

3. Location of installation HUSKY OIL, ALBERTA, CANADA  
(Name and address)

4. Type Heat Exchanger 944411.4 K-2766.2 HDR-4 REV.2 24491 1994  
(Monz. or vert. tank) (Mfg'r's 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 1992  
Year

to A1993  
Addenda (Date)  
Tube & Plug Sheets SA-516-70 N 1.375" .0625" 8" 31.375"  
Code Case Nos. Special Service per UG-120(d)

6. Shell: SA-516-70 N 1.375" .0625" 8" 31.375"  
Mat'l. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. LD (R. & in.) Length (overall) (R. & in.)

7. Seams: Corner Joint --- C = .20 --- --- --- --- --- ---  
Long (Welded, Dbl., Singl., Lap, Butt) R. T. (Spot or Full) Eff. (%) H. T. Temp (F) Time (hr) Grth (Welded, Dbl., Singl., Lap, Butt) R. T. (Spot, Partial, or Full) No. of Courses

8. Heads: (a) Mat'l. SA-516-70 N (b) Mat'l. SA-516-70 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"	.0625"	---	---	---	---	---	4" X 31.375"	
(b)	Ends	.625"	.0625"	---	---	---	---	---	4" X 6.75"	

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

9. MAWP 655 psi at max. temp. 300 °F  
Min. design metal temp. -20 °F at 655 psi Hydro., pneu., or comb. test pressure 983 psi.  
Nozzles, inspection and safety valve openings: UG-125 Note 39

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Mat'l.	Nom. Thk.	Reinforcement Mat'l.	How Attached	Location
IN, OUT	2	4" ANSI	300# RF	SA-105/SA-106-B	SCH. 80	PIPE & WELD	Welded	Header
IN, OUT	1	4" ANSI	300# RF	SA-105/SA-234 WPB	SCH. 80	ELL & WELD	"	"
VENT DRAIN	1	.75"	CPLG.	SA-105	6000#	CPLG & WELD	"	"

11. Supports: Skirt --- Lugs --- Legs --- Other Structure Attached Bolted  
(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: ---  
(Name of part, item number, Mfg'r's name and identifying stamp)

TUBES 98 .625" OD Straight 108" Length 16 Gauge SA-214 Rolled Tube Sht.  
Insp. 196 .75" NF Thd'd Plug Sht.  
IMPACT EXEMPT PER: UCS 66 (a) CURVE D

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. 4241 expires 12-31, 19 96.  
Date 6-13-94 Co. name Air-X-Changers Signed James Baker  
(Manufacturer) (Inspector)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by Air-X-Changers at Tulsa, Oklahoma.  
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 Oklahoma and employed by Commercial Union Insurance Company

have inspected the component described in this Manufacturer's Data Report on 6-9, 19 94, 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 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.

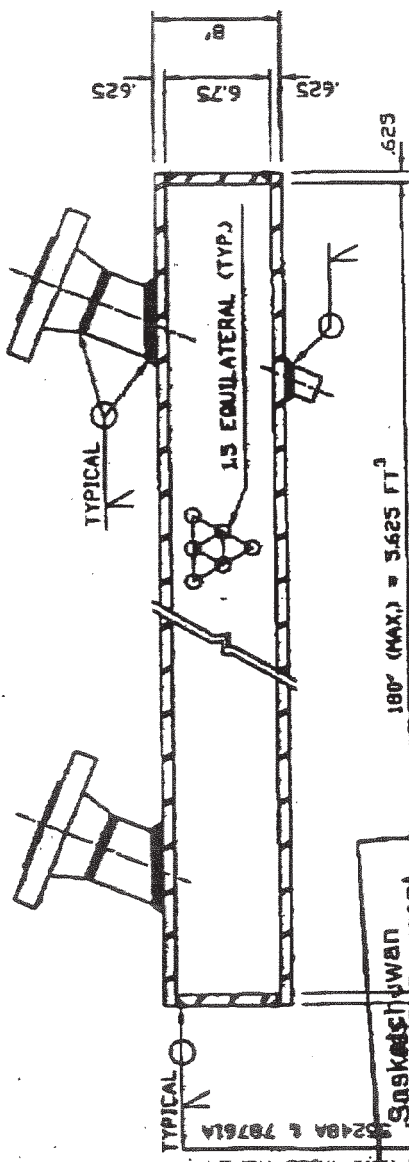
Date 6-13-94 Signed Thomas Payne Commissions NAT'L BD 89403 OK 12264  
(Authorized Inspector) (Nat'l. Bd. (incl. endorsements), State, Prov. and No.)



5 ABSO

# SPECIFICATIONS

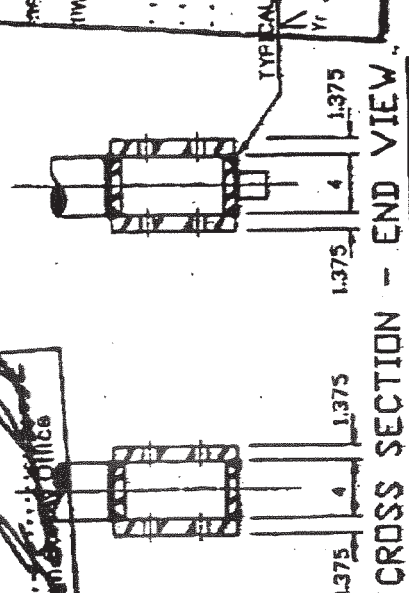
- 1) TUBES - SA-214 WELDED STEEL - 625-OD, 16 B.V.G. WITH ALUMINUM SPIRAL FIN, SHLD. STL (SA-105)
- 2) ACCESS PLUGS - HEX HEAD .75 NF.
- 3) TUBE HOLES DRILLED AND REAMED TO .632" ±.002".
- 4) PLUG HOLES TAPPED FOR .75 NF.
- 5) ALL PLATE - SA-316-70 (NORMALIZED)
- 6) NOZZLES - 4"-300 R.F.V.N (SA-105) SCH. 80 BORE WITH 4" SCH. 80 PIPE (SA-106-B).
- 7) DESIGN PRESSURE - 681 P.S.I. @ 75 / - 80 ° F.
- 8) HYDROSTATIC TEST - 1022 P.S.I.
- 9) ALL WELDS - FULL PENETRATION.
- 10) SECTION DESIGNED, CONSTRUCTED, TESTED AND STAMPED IN STRICT ACCORDANCE WITH A1989 ASME, CODE, SECTION VIII, DIV. 1, APPX XIII. DESIGN REF: UCS-66(a) CURVE D.
- 11) TUBE HOLES ARE GROOVED PER TEHA C7.44.
- 12) CPLGS. - 1"-3000 # FULL (SA-105)
- 13) CORROSION ALLOWANCE - .0625.



CROSS SECTION - SIDE VIEW

Saskatchewan  
Municipal Government  
Boiler & P.V. Safety  
Unit  
CRN 1. 8/16/97  
FILE 24674  
REGISTERED  
23/97  
24674

ALBERTA LABOUR  
General Safety Services Division  
BOILERS & PRESSURE VESSELS ACT  
K 2768  
98679  
DESIGN Temp. °C  
K1K  
A.C. 95  
681/151  
20/1/79  
ACCEPTED  
NOV. 23 1990  
Mr. ...  
B.C. DESIGN P. Eng.  
DESIGN SURVEY ENGINEER



CROSS SECTION - END VIEW

CANADIAN REGISTRATION DRAWING	
NEXT ASSY	AIR-X-CHANGERS
98580	TULSA, OKLAHOMA
REF DVGS	DETAIL OF IC-1 HEADERS
BY	FITZ CHKD B WT
DATE	10/12/90
APPD	DATE
SCALE	NONE
DWG #	98679
REV	
CHERO	JOB 904514



## Payment Requisition Form

## REMIT TO:

Technical Safety Authority of Saskatchewan  
Boiler and Pressure Vessel Safety Unit  
Suite A, 2210 2nd Avenue, Regina SK S4R 8T3  
381761

COMPANY CODE \*  
PAYMENT CURRENCY \*  
HOUSE BANK

Canadian

PAYMENT AMOUNT *	CR
\$ 558.00	

TAX AMOUNT *

GST AMOUNT	PST AMOUNT	HST AMOUNT	OTHER / SELF-ASSESS

	PK	ACCOUNT 82236	COST C 78168	AFE	ORDER	01 SORT KEY / ASSIGNMENT				QUANTITY	CO		
SUBTOTAL *	CR	TAX	DESCRIPTION			RI	BI	SEI	U OF M	Ref Key 1 ( GL Acct)	Ref Key 3 (CC or AFE)	Profit Centre	T Type
\$ 186.00			TSASK PERMIT TO INSTALL AND LICENCE TO OPERATE (Seperator 62019714)										

	PK	ACCOUNT 82236	COST C 78134	AFE	ORDER	01 SORT KEY / ASSIGNMENT				QUANTITY	CO		
SUBTOTAL *	CR	TAX	DESCRIPTION			RI	BI	SEI	U OF M	Ref Key 1 ( GL Acct)	Ref Key 3 (CC or AFE)	Profit Centre	T Type
\$ 186.00			TSASK PERMIT TO INSTALL AND LICENCE TO OPERATE (Heat Exchanger 62048715)										

		PK	ACCOUNT 82236	COST C 78134	AFE	ORDER	01 SORT KEY / ASSIGNMENT				QUANTITY	CO		
SUBTOTAL *		CR	TAX	DESCRIPTION			RI	BI	SEI	U OF M	Ref Key 1 ( GL Acct)	Ref Key 3 (CC or AFE)	Profit Centre	T Type
\$ 186.00				TSASK PERMIT TO INSTALL AND LICENCE TO OPERATE (Heat Exchanger 62048714)										

	PK	ACCOUNT	COST C	AFE	ORDER	01 SORT KEY / ASSIGNMENT					QUANTITY	CO	
SUBTOTAL *	CR	TAX	DESCRIPTION			RI	BI	SEI	U OF M	Ref Key 1 ( GL Acct)	Ref Key 3 (CC or AFE)	Profit Centre	T Type

## APPROVALS

SIGNATURE 	SIGNATURE
APPROVAL STAMP  RAYMOND TRACHUK 2001126	APPROVAL STAMP

INSTRUCTIONS		Overnight
REQUIRED TO SUBMIT CHEQUE WITH PAPERWORK		Courier
		Attachment
		Post Date
DATE REQUIRED	RETURN CHEQUE TO	LOCAL
25-Nov-13	Karen Hawryluk, HPL 147E	1143

\*\*Cheque only available if vendor master payment method specify cheque

Page 1 of 1

DATE REQUESTED \*

18-Nov-13

## DESCRIPTION

TSASK Application Fees: TSK-0001 &amp; TSK-0002 (Tangleflags North - Heat Exchangers &amp; Seperator)

UNIQUE REFERENCE / INVOICE NUMBER \*

REQUESTOR \*

LOCAL

KAREN HAWRYLUK

1143

\* Required fields

Submit approved request with backup to [legacy.invoices@huskyenergy.com](mailto:legacy.invoices@huskyenergy.com)