

Marie Lafontaine

From: Eric J. Munion [emunion@eadsaxc.com]
Sent: Monday, April 01, 2013 2:24 PM
To: Marie Lafontaine; 'Richard Sparkes'
Cc: 'Rick Morrison'
Subject: RE: Legacy Enerflex BTB Unit# 9431 (CL101614 - SWO71087) - Husky Oil Operations Ltd - Tangleflags SK LSD: 04-18-051-25-W3M - Request For Saskatchewan Registration Approval

Marie,

The header drawings and the CRN drawings are not numerically connected. The CRN shown on the U-1A is the connection. Let me know if you have any additional questions.

Regards,

Eric J. Munion

Eads Tulsa: Canadian Sales
HARSCO INDUSTRIAL Air-X-Changers
(918) 322-5200: Phone
(918) 322-5206: Fax
(918) 625-6239: Cell
www.harscoaxc.com

From: Marie Lafontaine [<mailto:Marie.Lafontaine@huskyenergy.com>]
Sent: Monday, April 01, 2013 2:52 PM
To: Richard Sparkes; 'Eric J. Munion'
Cc: Rick Morrison
Subject: RE: Legacy Enerflex BTB Unit# 9431 (CL101614 - SWO71087) - Husky Oil Operations Ltd - Tangleflags SK LSD: 04-18-051-25-W3M - Request For Saskatchewan Registration Approval

Richard,

Thank you for the prompt reply and information. I've added the Saskatchewan registration documents to our electronic equipment files for the 2nd stage separator and cooler sn 944411.3 so the issue does not arise again.

Eric,
I believe the Saskatchewan registration confirmation for K2766.23 would apply for both cooler gas sections (sn 944411.3 and sn 944411.4). The units have the same Alberta CRN which indicates they are the same design. The only issue I see is linking the registered drawing #98679 to the units as it doesn't match the drawing #'s referenced on the U-1A forms for the coolers:

- sn 944411.3 references drawing is #HDR-3 Rev1
- sn 944411.4 references drawing is #HDR-4 Rev2

Please send comments or the corresponding Saskatchewan registration documentation. If you can provide the Registration Approval letter from Saskatchewan to confirm it would be ideal.

Please let me know if you have any questions or want to discuss.

Thanks,
Marie

Marie Lafontaine
INTEGRITY INSPECTOR, EIT

Office: 306-820-4032
Cell: 780-205-4820
Fax: 306-825-1176
4335 - 44St, Lloydminster, SK, S9V, 0Z8



From: Richard Sparkes [<mailto:rsparkes@enerflex.com>]

Sent: Monday, April 01, 2013 10:09 AM

To: Marie Lafontaine; 'Eric J. Munion'

Cc: Rick Morrison

Subject: Legacy Enerflex BTB Unit# 9431 (CL101614 - SWO71087) - Husky Oil Operations Ltd - Tangleflags SK LSD: 04-18-051-25-W3M - Request For Saskatchewan Registration Approval

Marie (306-820-4032),

As per our phone conversation this morning please find in the attachments the Saskatchewan registration for the 2Stg Separator and the cooler IC-1 gas section (sn 944411.3 crn K2766.23). I could not find the Saskatchewan registration for the cooler AC section (sn 944411.4 crn K2766.23) so I will need to go back to Air-X-Changers and make a request for that document.

Eric (918-322-5200),

I was able to find the Saskatchewan registration for the IC-1 gas section as per the attachment but was unable to find the AC gas section registration (sn 944411.4 crn K2766.23). Please provide the AC gas section registration that includes the province of Saskatchewan.

Regards

Richard Sparkes

Product Support Representative

Compression and Process

ENERFLEX

Enerflex Ltd.

10121 Barlow Trail NE

Calgary, AB, Canada T3J 3C6

Phone: 403.236.6867

Fax: 403.291.3443

Cell: 403.510.8570

Main Office: 403.291.3438

Email: rsparkes@enerflex.com

Website: www.enerflex.com

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From: Eric J. Munion [emunion@eadsaxc.com]
Sent: Monday, April 01, 2013 2:09 PM
To: 'Richard Sparkes'; Marie Lafontaine
Cc: 'Rick Morrison'
Subject: RE: Legacy Enerflex BTB Unit# 9431 (CL101614 - SWO71087) - Husky Oil Operations Ltd - Tangleflags SK LSD: 04-18-051-25-W3M - Request For Saskatchewan Registration Approval
Attachments: DOC130401-001.pdf

Richard,

The headers on the two gas cooling sections are identical from a design point of view. In light of this they are both covered by the same CRN. I have attached the U-1A reports showing this information. Please let me know if you need any additional information.

Regards,

Eric J. Munion

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(918) 322-5200: Phone
(918) 322-5206: Fax
(918) 625-6239: Cell
www.harscoaxc.com

From: Richard Sparkes [<mailto:rsparkes@enerflex.com>]
Sent: Monday, April 01, 2013 11:09 AM
To: 'marie.lafontaine@huskyenergy.com'; 'Eric J. Munion'
Cc: Rick Morrison
Subject: Legacy Enerflex BTB Unit# 9431 (CL101614 - SWO71087) - Husky Oil Operations Ltd - Tangleflags SK LSD: 04-18-051-25-W3M - Request For Saskatchewan Registration Approval

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Regards

Richard Sparkes
Product Support Representative
Compression and Process

ENERFLEX

Enerflex Ltd.

10121 Barlow Trail NE
Calgary, AB, Canada T3J 3C6
Phone: 403.236.6867
Fax: 403.291.3443
Cell: 403.510.8570
Main Office: 403.291.3438
Email: rsparkes@enerflex.com
Website: www.enerflex.com

5049-74 Ave. SE Calgary AB Canada T2C 3H2
Tel: 1 (403) 720-1635 Fax: 1 (403) 720-3765

**ENERFLEX
RE-ENGINEERED
SOLUTIONS**

Fax

To: Bruce Jack

From: Marius Jibeteanu

Fax: 7808752728

Pages: 2

Phone: 780-875-1683

Date: 06/11/03

Re: Cooler registration

CC:

Urgent For Review Please Comment Please Reply Please Recycle

Hi Bruce,

Here is the Saskatchewan registration for the cooler CRN. K 2766.23 / SN. 94411.3.

I will keep you informed about the progress on the scrubber. We are still waiting for the dwgs.

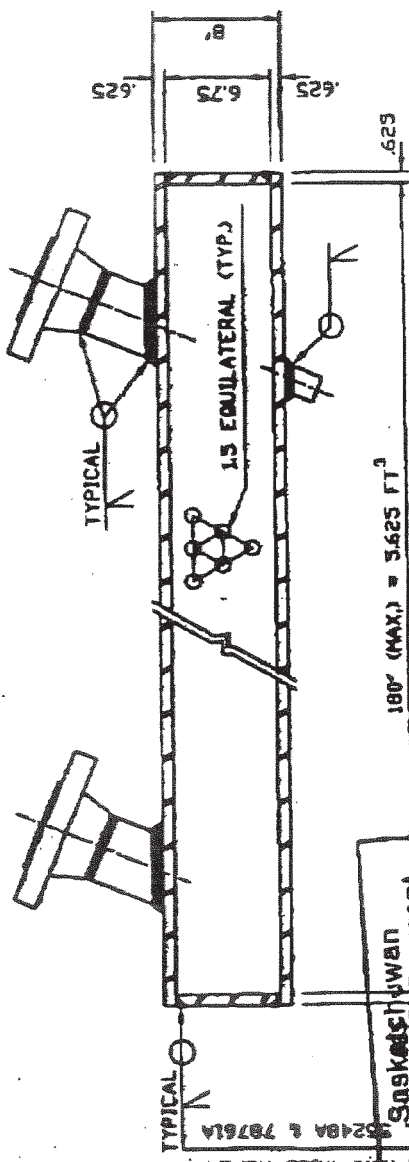
Regards,

MARIUS

5 ABSO

SPECIFICATIONS

- 1) TUBES - SA-214 WELDED STEEL - 625 O.D. 16 B.V.G. WITH ALUMINUM SPIRAL FIN.
- 2) ACCESS PLUGS - HEX HEAD .75 NF. SHLD. STL (SA-105)
- 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 B.
- 11) TUBE HOLES ARE GROOVED PER TEMA C7.44.
- 12) CPLGS. - 1"-3000 # FULL (SA-105)
- 13) CORROSION ALLOWANCE - .0625.



CROSS SECTION - SIDE VIEW

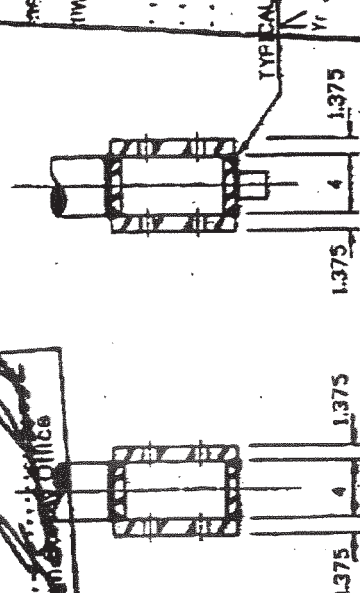
ALBERTA LABOUR

General Safety Services Division
BOILERS & PRESSURE VESSELS ACT

REG No K 2768
TWC No 98679

Design Temp. °C
k/k
A.C. 95
681/151
20/175
ACCEPTED

NOV. 23 1990
By Mr. B. C. DESAI, P. Eng.
DESIGN SURVEY ENGINEER



CROSS SECTION - END VIEW

Saskatchewan
Municipal Government
Boiler & P.V. Safety
Unit
CRN No. 8766.25
File No. 24674
REGISTERED
Stamp: 23/99
Signature: [Handwritten]

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

Air-X-Changers

Harsco

**Fax Transmittal**

Plant Address:
5215 Arkansas Rd
Catoosa, OK 74015

6700 MacLeod Trail SW
Suite 290
Calgary, Alberta Canada
T2H0L3
Telephone: 403.537.6733
Fax: 403.537.6734
Web: www.airx.com

TO: Emily Wong

OF: Enerflex-15

FAX NUMBER: 720-3765

FROM: Eric Munion

PAGES (including cover): 2

SUBJECT: Proof of Saskatchewan Reg.

☐ Original correspondence will be forwarded by mail ☒ Original correspondence will NOT be forwarded by mail

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