

Montréal, 14 novembre 2022.

MADAME TANYA FRANCIS  
TECHNICAL STANDARDS & SAFETY AUTHORITY  
345 CARLINGVIEW DRIVE  
TORONTO ONTARIO  
CANADA M9W6N9

Fabricant : HEADLINE FILTERS LTD.  
MILL HALL BUSINESS ESTATE  
AYLESFORD, MAIDSTONE KENT  
ME20 7JZ

Numéro de dossier : 946998

Numéro(s) de dessin(s) : AS PER SCOPE OF CRN REGISTRATION [R-1473 Rev 0 ]

**Objet : Enregistrement des plans et devis – Confirmation de l'enregistrement**

Bonjour,

Nous vous informons que votre demande d'enregistrement de plans et devis a été traitée et que cette conception a été enregistrée sous le numéro d'enregistrement canadien (NEC\CRN) suivant : **0E07432.16**.

Nous portons votre attention sur certaines exigences réglementaires concernant les installations sous pression, ainsi que des codes et normes qui y sont associés :

- Le fabricant doit maintenir un programme de contrôle de la qualité valide pour fabriquer un équipement selon ce NEC;
- Ce numéro d'enregistrement demeure valide tant et aussi longtemps que les paramètres de conception demeurent inchangés. Dans le cas d'accessoires, l'enregistrement est valide pour une durée de 10 ans à partir de la date de conception doivent alors être resoumis pour validation;
- Le fabricant doit nous transmettre une copie de l' *Déclaration de conformité du constructeur (Manufacturer's Data Report)* pour chaque appareil ou chaudière fabriqué selon ce NEC dans les 30 jours suivant la signature de cette déclaration;
- Le numéro de dessin enregistré et le numéro de révision doivent être indiqués sur la déclaration de conformité pour les équipements fabriqués selon ce NEC.

Le présent avis d'approbation ne dégage pas le fabricant de ses responsabilités quant à la conception ou à la construction des équipements ou d'accessoires fabriqués selon un NEC.

Bureau d'expertise et d'homologation en équipements sous pression

**Montréal**

545, boul. Crémazie Est, 7ième étage

Montréal (Québec) H2M 2V2

Téléphone : 514 873-6459

Sans frais : 1 866 262-2084

[www.rbq.gouv.qc.ca](http://www.rbq.gouv.qc.ca)

Montréal, le 14 novembre 2022.

MRS. TANYA FRANCIS  
TECHNICAL STANDARDS & SAFETY AUTHORITY  
345 CARLINGVIEW DRIVE  
TORONTO ONTARIO  
CANADA M9W6N9

Manufacturer : HEADLINE FILTERS LTD.  
MILL HALL BUSINESS ESTATE  
AYLESFORD, MAIDSTONE KENT  
ME20 7JZ

OUR REFERENCE : 946998  
Design number : AS PER SCOPE OF CRN REGISTRATION [R-1473 Rev 0 ]

**Subject: Design registration confirmation**

Hi,

We wish to inform you that your design registration application has been evaluated and that it was registered under the following Canadian Registration Number (CRN): **0E07432.16.**

The following is a reminder of your obligations regarding certain requirements of the regulation respecting pressure vessels, and the referenced codes and standards:

- The manufacturer must maintain a valid quality control program to manufacture equipment according to the CRN.
- The CRN remains valid as long as there are no changes to the design calculations that might affect the pressure boundary. The design registration of fittings expires 10 years after acceptance. It must, therefore, be resubmitted for validation.
- The manufacturer shall submit a copy of the *Manufacturer's Data Report* to us for each equipment manufactured according to this CRN within 30 days following the signing of this report.
- The drawing number and the revision number registered under this CRN must be indicated on the *Manufacturer's Data Report* for equipment manufactured according to the CRN.

This notice of approval does not relieve the manufacturer of their responsibilities with respect to the design or fabrication of equipment manufactured according to this CRN.

Yours sincerely,

Bureau d'expertise et d'homologation en équipements sous pression

**Montréal**

545, boul. Crémazie Est, 7ième étage  
Montréal (Québec) H2M 2V2  
Téléphone : 514 873-6459  
Sans frais : 1 866 262-2084  
[www.rbq.gouv.qc.ca](http://www.rbq.gouv.qc.ca)



Technical Standards and Safety Authority  
 345 Carlingview Drive  
 Toronto, Ontario M9W 6N9  
 www.tssa.org

Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below



## STATUTORY DECLARATION

### Registration of Fittings

I, Scott Hardiman, Works Manager  
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Headline Filters Limited  
(Name of Manufacturer)

Located at Mill Hall Business Estate, Aylesford, ME20 7JZ, United Kingdom +44(0) 1622 718927  
(Plant Address) (Telephone No.) (Fax No.)

do solemnly declare that the fittings listed hereunder, which are subject to the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, comply with all of the requirements of ASME B31.3

(Title of recognized North American Standard)

which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;

or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with \_\_\_\_\_ as supported by the attached data which identifies the dimensions, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001:2015 which has been verified by the following authority, BSI

The items covered by this declaration, for which I seek registration, are category E - Filters type fittings. In support of this application, the following information and/or test data are attached as follows:

SCOPE OF CRN REGISTRATION, REPORTS, DRAWINGS, CALCULATIONS


(drawings, calculations, test reports, etc.)

Declared before me at 16 Mill Street, Maidstone in the County of Kent

the 28th day of February AD 2022

Commissioner for Oaths:

Alexander Gwilum Astley  
(Printed name)

  
(Signature)

Alexander Gwilum Astley  
 16 Mill Street  
 Maidstone, Kent. ME15 6XT  
 Tel: 01622 678341  
 Notary Public

  
(Signature of Declarer)

#### FOR OFFICE USE ONLY

To the best of my knowledge and belief, the application meets the requirements of the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category \_\_\_\_\_

CRN: \_\_\_\_\_

Registered by: \_\_\_\_\_

Dated: \_\_\_\_\_

NOTE: This registration expires on: \_\_\_\_\_



25/12

*\*Information provided in this application is releasable under the Freedom of Information and Privacy Protection Act and may be disclosed upon request.*

**STATUTORY DECLARATION  
Registration of Fittings**  
Single or Multiple Fitting Designs within one Fitting Category

I, Scott Hardiman, Works Manager  
(name of applicant) (position title) (must be in a position of authority)  
of Headline Filters Limited  
(name of manufacturer)

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.



located at Mill Hall Business Estate, Aylesford, ME20 7JZ, United Kingdom  
(plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (select only one)

- comply with the requirements of ASME B31.3 which specifies the dimensions, (title of recognized North American Standard) materials of construction, pressure/temperature ratings and identification marking of the fittings, or
- are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with \_\_\_\_\_ as supported by the (title of code of construction or other applicable document) attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the identification marking of the fittings.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified as described in the below Table as being suitable for the manufacturing of these fittings to the stated standard, regulation, code, guideline or other applicable document. The fittings covered by the declaration for which I seek registration are as provided in the Supplementary Sheet(s) attached.

**Quality Program Verification and Manufacturing Sites**

A copy of the Quality Certificate from each manufacturing site must be included

Item #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address
1.	E - Filters	ISO 9001:2015	Design, Manufacture, Supply	2023-05-26	BSI	Aylesford, United Kingdom
2.						

In support of this application, the following information, calculations and/or test data are attached:

SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS

*[Handwritten Signature]*

(Signature of the Declarer)

28th February 2022

(Date)

DECLARED before me at Maidstone in the County of Kent of Kent (city) (province, territory, or state)

this 28th day of February, 2022 (Month) (Year)

(print) Alexander Gwilum Astley (a Commissioner of Oaths or Notary Public)

Alexander Gwilum Astley 16 Mill Street Maidstone, Kent. ME15 6XT Tel: 01622 678341 Notary Public

(sign) *[Handwritten Signature]* (a Commissioner of Oaths or Notary Public)

At Death (expiry date (mm/dd/yy))



Commissioner of Oaths / Notary Public in and for: England and Wales (province, territory, or state) 25/22

For ABSA Office Use Only:

NOTES: \_\_\_\_\_

<p>To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Part 1, Clause 4.2, and is accepted for registration in Category _____.</p> <p>CRN: _____</p> <p>Registered Date: _____</p> <p>Expiry Date: _____</p> <p>Signature: _____ (Signature of the Administrator/SCO)</p> <p>The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Pressure Equipment Discipline</p>	
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**UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

New Brunswick  
Nunavut

Nova Scotia  
Yukon

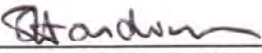

Prince Edward Island  
Northwest Territories

Newfoundland and Labrador

Manufacturers Name: Headline Filters Limited	
Manufacturers Address: Mill Hall Business Estate, Aylesford, ME20 7JZ, United Kingdom	
Plant Locations: Same as Above	
<p align="center"><b>Category of Fittings to be registered. Circle one Category only</b></p> <p>A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps. or reducers                  B Flanges: all flanges                  C Valves: all line valves                  D Expansion joints, flexible connections, and hose assemblies: all types  <input checked="" type="radio"/> E Strainers, filters, separators, and steam traps                  F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters                  G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs                  H Pressure retaining components that do not fall into one of the above categories                  N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> , (Meeting CNSC or ASME requirements)</p>	<p align="center"><b>Title of the Standard of Construction</b></p> <p align="center">- ASME B31.3</p>
<p><b>Show Manufacturers Name, Trademark, or Logo as it will appear on the product</b></p> <div align="center">  </div>	<p align="center"><b>Type of Construction</b></p> <p>Forged <input checked="" type="checkbox"/> Welded <input type="checkbox"/> Wrought <input checked="" type="checkbox"/>                  Cast <input type="checkbox"/> Other <input type="checkbox"/>                  Describe other:</p>
<p><b>List of supporting documentation and identification of the actual items to be registered:</b></p> <p>- FILTERS SCOPE OF CRN REGISTRATION, REPORTS, DRAWINGS, CALCULATIONS.</p>	

**Declaration:**

I Scott Hardiman, Works Manager (see note 3) employed by Headline Filters Limited and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by BSI ISO 9001:2015 as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer:   
 Declared before me at 16 Mill Street Maidstone, Kent .ME15 6XT UK  
 This 28th day of February AD 2022  
 Commissioner of Oaths  
 Or Notary Public: (sign)   
 (Affix Official seal to the right)

Use this space for the



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This space for Regulatory Authority use. This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: _____	
FID#: _____	
Notes:	
1. All Fittings shall be registered in the name of the Manufacturer. 2. Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The Declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality Control programs shall be resubmitted for validation.	
11/2016	Sect 1.0 - Fittings Rev.2


**UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

New Brunswick  
Nunavut

Nova Scotia  
Yukon

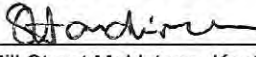
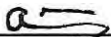
Prince Edward Island  
Northwest Territories

Newfoundland and Labrador

Manufacturers Name: <u>Headline Filters Limited</u>	
Manufacturers Address: <u>Mill Hall Business Estate, Aylesford, ME20 7JZ, United Kingdom</u>	
Plant Locations: <u>Same as Above</u>	
<p align="center"><b>Category of Fittings to be registered. Circle one Category only</b></p> <p>A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers                  B Flanges: all flanges                  C Valves: all line valves                  D Expansion joints, flexible connections, and hose assemblies: all types  <input checked="" type="radio"/> E Strainers, filters, separators, and steam traps                  F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters                  G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs                  H Pressure retaining components that do not fall into one of the above categories                  N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> , (Meeting CNSC or ASME requirements)</p>	<p align="center"><b>Title of the Standard of Construction</b></p> <p align="center">- ASME B31.3</p>
<p><b>Show Manufacturers Name, Trademark, or Logo as it will appear on the product</b></p> <div align="center" style="border: 1px solid black; padding: 5px;">  </div>	<p align="center"><b>Type of Construction</b></p> Forged <input checked="" type="checkbox"/> Welded <input type="checkbox"/> Wrought <input type="checkbox"/> Cast <input type="checkbox"/> Other <input type="checkbox"/> Describe other: _____
<p><b>List of supporting documentation and identification of the actual items to be registered:</b></p> <p align="center">- FILTERS SCOPE OF CRN REGISTRATION, REPORTS, DRAWINGS, CALCULATIONS.</p>	

**Declaration:**

I Scott Hardiman, Works Manager (see note 3) employed by Headline Filters Limited and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by BSI ISO 9001:2015 as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer:   
 Declared before me at 16 Mill Street Maidstone, Kent .ME15 6XT UK  
 This 28th day of February AD 2022  
 Commissioner of Oaths \_\_\_\_\_  
 Or Notary Public: (sign) 

Use this space for the



(Affix Official seal to the right)

*25/12*

This space for Regulatory Authority use. This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: _____	
FID#: _____	
Notes:	
1. All Fittings shall be registered in the name of the Manufacturer. 2. Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The Declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality Control programs shall be resubmitted for validation.	
11/2016	Sect 1.0 - Fittings Rev.2

Alexander Gwilum Astley  
 16 Mill Street  
 Maidstone, Kent. ME15 6XT  
 Tel: 01622 678341  
 Notary Public

## Statutory Declaration Registration of Fittings


Building Act (B-1.1)  
Regulation respecting pressure vessels (B-1.1, r. 6.1)  
Boiler, pressure vessel, and pressure piping code (CSA B51)

This declaration must be filled out and sent to the Régie du bâtiment du Québec (RBQ) by pressure fitting manufacturers when they make an application registration for fittings.

For more information on the application registration for fittings, consult the [www.rbq.gouv.qc.ca/fittings-pv](http://www.rbq.gouv.qc.ca/fittings-pv).

### 1. Fittings to register

List the fittings included in this declaration and that you wish to register.

N°	Description	Additional information (detail, calculations or approval sheets)
1	CATEGORY E FILTERS	
2	SCOPE OF CRN, REPORTS	
3	DRAWINGS	
4	CALCULATIONS	
5	COMPANY LOGO - SEE RIGHT	

### 2. Declaration of the person in charge

The person in charge is someone in a position of authority, such as a vice-president, a plant manager or a chief engineer.

<b>2.1 Design</b>	
I, the undersigned, <u>Scott Hardiman</u>	<u>Works Manager</u>
(Name of the person in charge)	(Title of the person in charge)
from <u>Headline Filters Limited</u> ,	located at <u>Mill Hall Business Estate, Aylesford, ME20 7JZ, United Kingdom</u>
(Company's name)	(Plant's address)
hereby declare that the above-mentioned fittings and subject to the Regulation respecting pressure installations:	
<input checked="" type="checkbox"/> comply with the requirements of the ANSI/ASME codes as to their dimensions, identification, material and purpose or ASME B31.3	
<input type="checkbox"/> are not covered by the ANSI/ASME codes, but are in compliance with _____	
(Name of code or standard)	
code or standard and are designed according to the best current engineering practice, as proven by the enclosed approval report.	
<b>2.2 Manufacturing quality control</b>	
I further declare that the manufacture of these fittings is controlled by a quality control program that complies with the requirements of the following code: <u>ISO 9001:2015</u> , and has been verified by <u>BSI</u>	
(Name of code)	(Authorized agency)
Signature of the person in charge: <u>Scott Hardiman</u>	Date (yyyy-mm-dd): <u>2022-02-28</u>



### 3. Declaration of commissioner for oaths

I certify that this declaration has been administered before me, at Maidstone, Kent, UK, on 2022-02-28.  
(Location) (Date (yyyy-mm-dd)):

Signature of commissioner for oaths:  Date (yyyy-mm-dd): 2022-02-28

Stamp the seal:



Alexander Gwilum Astley  
16 Mill Street  
Maidstone, Kent. ME15 6XT  
Tel: 01622 678341  
Notary Public

25/12

### 4. Registration confirmation (for RBQ's use only)

As far as I know, this application complies with the requirements of the Act and with standard CSA B51, Part 1, section 4.2, and is accepted for registration in the class \_\_\_\_\_.

This registration expires in ten (10) years after the date of registration indicated above, and it must be validated again after this period.

Canadian registration number (CRN):

Registration date (yyyy-mm-dd):



#### Documents to attach

Any application registration for fittings must include these documents:

- Statutory Declaration Registration of Fittings (2 copies)
- Detailed calculations or burst test report (1 copy)
- Detailed technical drawings or catalogues (2 copies)
- Example of the manufacturer's marking (1 copy)
- Proof that a valid and approved quality control program has been implemented (1 copy)
- Form Application for design registration (1 copy)

#### Sending the form

This declaration is necessary to submit an application for design registration. Design registration applications must be sent by email only to [enregistrementdesplans@rbq.gouv.qc.ca](mailto:enregistrementdesplans@rbq.gouv.qc.ca).

Documents must be in PDF format and in separate files.

**Statutory Declaration (Registration of Fittings)**

**TSK-1008**

**I. Declaration Information**

I, Scott Hardiman,  
Works Manager  
(company title, e.g. vice president, plant manager, chief engineer)  
(must be in a position of authority in the manufacturing plant where the fitting is produced)

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.



of: Headline Filters Limited  
(name of manufacturer)

**located at:** Mill Hall Business Estate, Aylesford, United Kingdom ME20 7JZ  
(Plant Address – Apt/Street) (City,Prov) (Postal Code)

do solemnly declare that the fittings listed hereinunder, which are subject to the **Saskatchewan Boiler and Pressure Vessel Safety Act** (check one)

- Comply with the requirements of ASME B31.3 which specifies the dimensions, (title of recognized North American Standard) Materials of construction, pressure / temperature ratings and identification marking of the fittings, or
- Are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with \_\_\_\_\_ as supported by the attached data which identifies the dimensions, materials of construction, pressure / temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacturer of these fittings is controlled by a quality control program which has been verified by the following authority, BSI ISO 9001:2015 as being suitable for the manufacturer of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are CATEGORY E - FILTERS

In support of this application, the following information, calculations and / or test data are attached:  
**SCOPE OF CRN REGISTRATION, REPORTS, DRAWINGS, CALCULATIONS**

**II. Declaration**

DECLARED before me at 16 Mill Street, Maidstone In the County of Kent  
this 28th day of February, 2022  
Alexander Gwilum Astley Hardiman  
(print name) (Signature)  
[Signature]  
(Signature of Commissioner of Oaths)

**III. Office Use Only**

To the best of my knowledge and belief, the application meets the requirements of the **Boiler and Pressure Vessel Safety Act** and CSA B51, Clause 4.2, and is accepted for registration in Category \_\_\_\_\_

\_\_\_\_\_  
(Registration Number) (Date Registered – MM DD YYYY) (Expiry Date – MM DD YYYY)  
(For the Administrator / Chief Inspector)

Alexander Gwilum Astley  
16 Mill Street  
Maidstone, Kent. ME15 6XT  
Tel: 01622 678341  
Notary Public



25/22

# HEADLINE FILTERS LTD

UNIT 1-2 MILL HALL BUSINESS ESTATE  
AYLESFORD, KENT  
ME20 7JZ, UNITED KINGDOM

15-Apr-22



PAGE 1 OF 1

## SCOPE OF CRN REGISTRATION

Product Description	GA Drawings	Design Code	Material Specification	Process Connections	MAWP at MAWT (psig at °F)	MDMT	Report Number
180VP Filter	HF4/4642, HF4/4607, HF4/4650, HF4/4616	ASME B31.3	Stainless Steel ASTM A479-316/316L, ASTM A182-F316/F316L	NPT: 1/4", 1/2", 3/4", 1" SAE: 4 ,6 ,8 ,12, 16	4700 psig at 400°F/ 324 barg at 204°C	-320°F / -196°C	R-1473 Rev. 0

**Note 1:** MAWP = Maximum Allowable Working Pressure, MAWT = Maximum Allowable Working Temperature, MDMT = Minimum Design Metal Temperature

**Note 2:** The pressure-temperature ratings shown are the maximum CRN pressure-temperature ratings. In all cases the MAWP may be limited by the seat or seal material or other considerations. Please consult Headline Filters literature.

**Note 3:** For low temperature operation the products shall conform to the rules of the applicable codes under which they are used.

