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August 15, 2022

UNITED FILTRATION SYSTEMS
6558 DIPLOMAT DRIVE
STERLING HEIGHTS, MI 48314

Workorder Type: Registration - Fitting(Conventional)
Workorder No: 8128961
Your Reference No.: R-1473 - CRN#0E7432.1
Registered to: HEADLINE FILTERS LTD

Dear HENRYK FISHER,

Technical Standards and Safety Authority (TSSA) is pleased to inform you that your submission has been reviewed and registered as follows:

CRN : 0E7432.15
Main Design No.: 180VP FILTER - SCOPE OF CRN REGISTRATION
Expiry Date: Apr 29, 2032

Please be advised that a valid quality control system must be maintained for the fitting registration to remain valid until the expiry date.

Note: Design registration completed under interprovincial agreement with jurisdictional check only.

The stamped copy of the approved registration and the invoice are mailed separately (There will be no hard copies for electronic submissions). Should you have any questions or require further assistance, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

A handwritten signature in black ink, appearing to read "W12" followed by a horizontal line.

Wendy Du
Engineer, BPV
Tel. : +1 416-734-3566
Email : Wdu@tssa.org



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 _____
Technical Standards and Safety Authority

Boilers and Pressure Vessels Safety Program

CRN: _____

Registered by: _____

Dated: _____

REGISTERED

C.R.N.: 0E7432.15

Signed: WJ

Date: August 15, 2022.

NOTE: This registration expires on: Apr. 29, 2032



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

HEADLINE FILTERS LTD

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

15-Apr-22



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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.

THIS IS PART OF CRN

0E7432.15

Technical Standards and Safety Authority

Boilers and Pressure Vessels Safety
Program