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December 8, 2021

UNITED FILTRATION SYSTEMS, INC.
6558 DIPLOMAT DRIVE
STERLING HEIGHTS, MI 48314

Workorder Type: Registration - Fitting(Conventional)
Workorder No: 8021909
Your Reference No.: PVEng #16864 (Series 360A)
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 : 0E14569.5R1
Main Design No.: scope of registration 16864s-1 R0
Expiry Date: Jun 15, 2031

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

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,

Hammad Wasif
P.Eng | Engineer, BPV
Tel. : +1 416-734-3441
Email : hwasif@tssa.org

Headline Filters Ltd.

Scope of Registration
360A Series

16864s-1 R0

Design Data:

Code: ASME VIII-1 2019 Edition
Design Pressure: 500 psi @ 248 °F
Hydrotest: 773 psi @ 70 °F
MDMT: -325 °F
Impact Testing: Exempt per UNF-65
Corrosion Allowance: None
Radiography: None

Material: SB-221 A96061 T6

Documents:

Code Calculations: 16864c-2 R0
FEA: 16864f-2 R0
FEA DWG: PVEdwg-4714-1.0

Drawing List

Drawing Number	Description
HF4/1317	243A-3520 GA
HF4/3537	360-3520 1/4"NPT Head
HF4/0681/1	245A Bowl
HF4/1318	245A-3520 GA
HF4/3538	360-3520 1/2" NPT Head
HF4/0681/1	245A Bowl
HF4/2375	223A-3520 GA
HF4/3538	360-3520 1/2" NPT Head
HF/0678/1	225A Bowl
HF4/1703	225A-3520 GA
HF4/3538	360-3520 1/2" NPT Head
HF4/0678/1	225A Bowl
HF4/1627	360A-3520 GA
HF4/3537	360-3520 1/4" NPT Head
HF4/0679/1	230A Bowl
HF4/1537	365A-3520 GA
HF4/3538	360-3520 1/2" NPT Head
HF4/0679/1	230A Bowl
HF4/3543	370A-3520 GA
HF4/3538	360-3520 1/2" NPT Head
HF4/0682/1	250A Bowl

**THIS IS PART OF CRN
0E14569.5R1**

**Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety
Program**



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 HEADLINE HOUSE, MILL HALL BUSINESS ESTATE, AYLESFORD, ME207JZ, UNITED KINGDOM
(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

(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 ASME Sec VIII - Div 1 2019 ED 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 type fittings. In support of this application, the following information and/or test data are attached as follows:

see scope document 16864s-1
(drawings, calculations, test reports, etc.)

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

the 12th day of May AD 2021

Commissioner for Oaths:

Alexander Gwilum Astley
(Printed name)

[Signature]
(Signature)

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

[Signature]
(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: June 15, 2031

Technical Standards and Safety Authority Boilers and Pressure Vessels Safety Program

REGISTERED

C.R.N.: 0E14569.5R1
Signed: [Signature]
Date: December 8, 2021.



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