

December 18, 2025

HEADLINE FILTERS LTD  
FRANK SANDO WAY  
AYLESFORD KENT ME20 7NY

**Workorder Type:** Registration - Fitting(Conventional)  
**Workorder No:** 14859726  
**Your Reference No.:** 150HP-162HP new address & 3/4" drain  
**Registered to:** Headline Filters Ltd

Dear Scott Hardiman,

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

CRN : 0E21678.5ADD1  
Main Design No.: ADD ALTERNATIVE DRAIN SIZE-SEE SCOPE OF REGISTRATION  
Expiry Date: Aug 08, 2029

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

This revision is to add alternative 3/4" drain to series of filters and change address.

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](mailto: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,



Selina Di P. ENG  
Engineer, BPV  
Tel. : +1 416-734-3531  
Email : [sdi@tssa.org](mailto:sdi@tssa.org)

NOTE: You cannot save the DATA you entered on this form, you must print a copy and FAX it or MAIL it!



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 Ltd  
(Name of Manufacturer)

Located at Units 1 and 3, Click Aylesford, Frank Sando Way, Aylesford, Kent ME20 7NY T: 01622 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

(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 B31.3: 2024 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 ISO9001:2015 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:

Introduction letter/Scope Document, Drawings and List (150HP-162HP CRN October 2025 (Rev 0) Existing CRN  
(drawings, calculations, test reports, etc.)

Declared before me at 16 Mill Street, Maidstone, Kent ME15 6XT in the County of Kent

the 14th day of November AD 2025

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 E

Boilers and Pressure Vessels Safety Program

**REGISTERED**

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

C.R.N.: 0E21678.5ADD1

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

Signed: SDi

Date: December 18, 2025.

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

ADD ALTERNATIVE DRAIN SIZE AND CHANGE ADDRESS

45/25



NOTE: This registration expires on: **Aug 8, 2029**

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

# INFORMATION

from **Headline  
Filters**

**THIS IS PART OF CRN**

**0E21678.5ADD1**

Technical Standards and Safety Authority  
Boilers and Pressure Vessels Safety  
Program

150HP-162HP-CRN: October 2025 (Rev 0)

## Introduction

This technical file has been raised for the amendment to scope of an existing CRN (OE021678.52)

We have moved into new premises after nearly 40 years at our old site, so the address will need updating. We are taking this opportunity to include some alternative connections for this series of filters to allow for larger drain ports.

The products have been designed as far as is practical to ASME B31.3; a calculation has been made to verify the wall thickness of the filter bowl is adequate for the pressure rating & calculations were used to verify the closed end section of the bowl. Thread strength calculations were also formulated.

A proof test to supplement the calculations was also made; the test pressures were calculated with an allowance made for testing at ambient temperature to prove the units ability to perform at their maximum pressure and temperature ratings.

All of the filter housings in this application are constructed from solid billets of 316L stainless steel (ASME SA479) and are produced without welds. The 150HP housing is constructed of 2 parts, a Head & a Bowl, joined by threads. The 160HP series are essentially the same but include a Bowl Extender between the head & bowl to allow the use of a longer filter element inside. All are rated for use up to 390°F (200°C)

## Scope of Registration

**Design Code:** ASME B31.3 2024 Edition

**Design Pressure:** 3000psig

**Design Temperature:** 200°C (390°F)

**MDMT:** - 40°C (-40°F)

**Corrosion:** 0

**Hydrotest @ ambient:** 4500psi

**Impact Test:** Exempt per 323.2.

**Radiography:** None

**THIS IS PART OF CRN**

**0E21678.5ADD1**

Technical Standards and Safety Authority

Boilers and Pressure Vessels Safety  
Program

150HP-160HP-CRN: October 2025 (Rev 0)

## Introduction continued

The products covered in this range are all of a similar type; they differ only in their internal volumes & their port connections as follows.

<b>Model No.</b>	<b>Max Pressure</b>	<b>Internal Volume</b>	<b>Inlet/Outlet</b>	<b>Drain</b>
150HP-1"	3000 psig	1.5 ltrs	1" NPT	1/4" – 3/4" NPT
150HP-1.1/2"	3000 psig	1.5 ltrs	1.1/2" NPT	1/4" - 3/4" NPT
150HP-2"	3000 psig	1.5 ltrs	2" NPT	1/4" – 3/4" NPT
160HP-1"	3000 psig	2.7 ltrs	1" NPT	1/4" – 3/4" NPT
160HP-1.1/2"	3000 psig	2.7 ltrs	1.1/2" NPT	1/4" – 3/4" NPT
160HP-2"	3000 psig	2.7 ltrs	2" NPT	1/4" – 3/4" NPT