



Company: United Filtration Systems      Date: January 7, 2016

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**Subject: Request for Design Registration**

Dear Mr. Fisher,

CSA has reviewed the documentation submitted by TSSA on behalf of United Filtration Systems, Inc. These fittings have been registered by CSA for the Province of Québec. In accordance with an agreement between CSA, the Provinces of Québec and Saskatchewan; this registration is recognized by Quebec and Saskatchewan. These fittings are acceptable for use in these Provinces.

The letters CSA will be applied as a prefix to the CRN indicate which fittings have been registered in this manner. A copy of the stamped Statutory Declaration is attached.

The CRN is CSA-0E18041.56.

A copy of the Statutory Declaration with an original stamp affixed will be forwarded to you along with our invoice by regular mail.

Yours truly

A handwritten signature in blue ink that reads 'Janet Townsend'.

**Janet Townsend**

Account Manager

CSA Group

[janet.townsend@csagroup.org](mailto:janet.townsend@csagroup.org)

[www.csagroup.org](http://www.csagroup.org)



TECHNICAL STANDARDS &  
SAFETY AUTHORITY  
14th Floor, Centre Tower  
3300 Bloor Street West  
Toronto, Ontario  
Canada M8X 2X4

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, Lee Byrum - President c/o Henryk Fisher  
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Sensor Manufacturing Company c/o United Filtration Systems, Inc.  
(Name of Manufacturer)

Located at 6558 Diplomat Drive, Sterling Heights, MI, USA, 48314 586-802-5561 586-802-5562  
(Plant Address) (Telephone No.) (Fax No.)

I 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 9001:2008 which has been verified by the following authority, Aliance

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:

General Assembly Drawing, Brochure, Pressure Test, Tensile Test, Pressure Calculations, ISO Certificate of Registration  
(drawings, calculations, test reports, etc.)

Declared before me at Novi in the State of Michigan  
the 27th day of October AD 2015.

DAWN MIDDENDORFF  
NOTARY PUBLIC, STATE OF MI  
COUNTY OF WAYNE  
MY COMMISSION EXPIRES Feb 25, 2020  
ACTING IN COUNTY OF Oakland

Commissioner for Oaths:  
Dawn Middendorff  
(Printed name)  
Dawn Middendorff  
(Signature)

Lee Byrum  
(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

CRN: CSA - OE18041.56

Registered by: R. BARNES

Dated: DECEMBER 23, 2015

NOTE: This registration expires on: NOV. 05, 2025

CSA Group

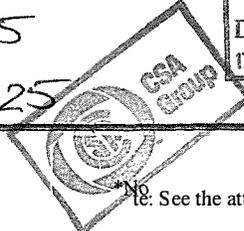
**REGISTERED**

CR.N.: CSA-OE18041.56

Signed: R. Barnes

Date: December 23, 2015

178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3



**Model: UHPC5-SL (1" NPT)**

**Replacement Parts List**

|                |                                  |
|----------------|----------------------------------|
| SL-38-172-xxX3 | Spring Loaded Filter Element (A) |
| CS-UHPC5       | Carbon Steel Bowl (B)            |
| MB150          | Mounting Bracket (Not Pictured)  |
|                |                                  |
|                |                                  |
|                |                                  |
|                |                                  |
|                |                                  |

Oxygen Cleaning Service Available  
 Note – Please replace "xx" with micron rating or grade

**Available O-Rings**

|         |                       |
|---------|-----------------------|
| BNUHPC5 | Buna-N (Standard) (C) |
| GVUHPC5 | Viton                 |
| KZUHPC5 | Kalrez                |
| GSUHPC5 | Silicone              |
| GEUHPC5 | EDPM                  |



1061

ATTACHMENT TO

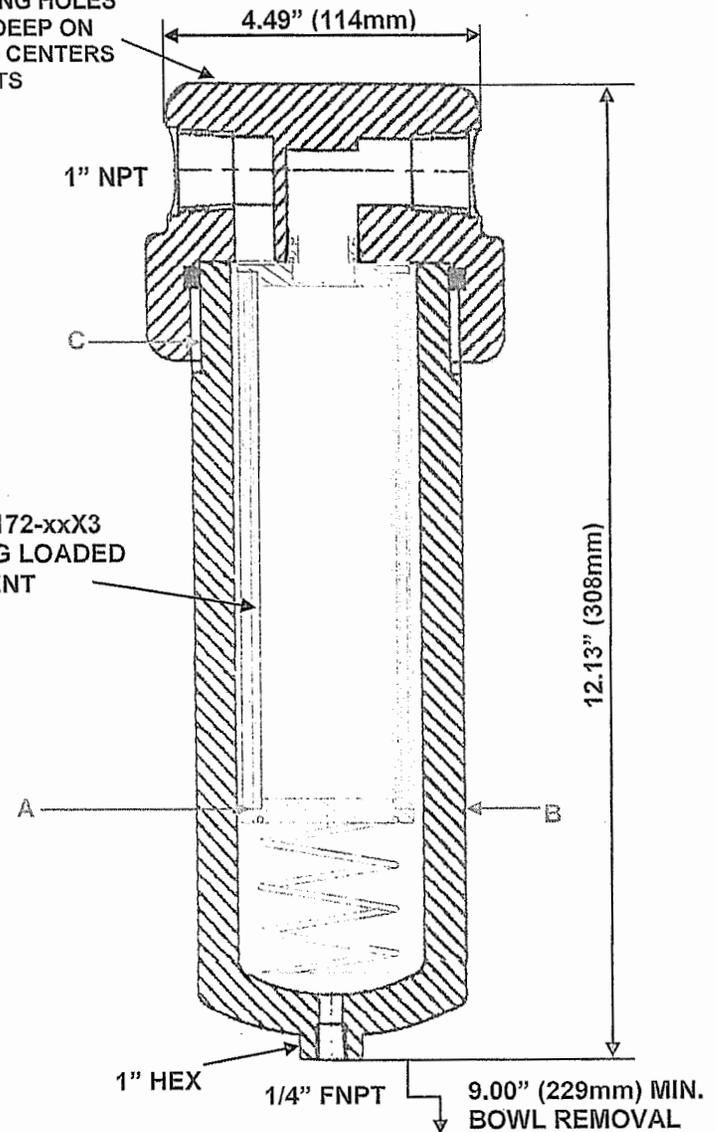
C.R.N. USA-0E18041.16

Signed: *[Signature]*  
 178 Roxdale Boulevard, Toronto, ON Canada M9W 1R3

THIS IS PART OF  
 CRN 0E18041.5  
 Technical Standards & Safety Authority  
 Boilers & Pressure Vessels  
 Safety Program

2 OFF MOUNTING HOLES  
 M10-1.50 x 15 DEEP ON  
 2.50" (63.5mm) CENTERS  
 @ 90° TO PORTS

SL-38-172-xxX3  
 SPRING LOADED  
 ELEMENT



United Filtration Systems, Inc.  
 6558 Diplomat Drive  
 Sterling Heights, MI 48314  
 1-800-311-5561  
 www.unitedfiltration.com

DO NOT SCALE DRAWING  
 IF IN DOUBT ASK

**Model UHPC5-SL**

**Material:**  
 Head: Carbon Steel (AISI 12L14)  
 Bowl: Carbon Steel (AISI 12L14)  
 Nickel Coating  
 Internals: Carbon Steel  
 Standard O-ring: Buna-N  
 Minimum Tensile Strength (88.0 ksi)

**Drain Type:** 1/4" FNPT  
**Min. Temperature w/ Buna-N:** -40°F  
**Max. Temperature w/ Buna -N:** 150°F  
**Maximum Pressure:** 5,734 PSIG  
**Internal Volume:** 700 cc  
**Weight:** 26 lbs.  
**Drawn By & Date** UFS1023W

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Saskatchewan  
Municipal  
Government

## Saskatchewan

Protection Services  
330 - 1851 Victoria Avenue  
Regina, Saskatchewan  
S4P 3V7

787-4509

April 23, 1998

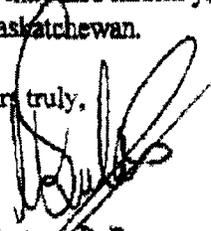
### Re: Fittings Registration

The Province of Saskatchewan will be participating with Quebec, Manitoba and the Canadian Standards Association (CSA) in a pilot project for the registration of fittings. We will recognize registrations done by CSA and accept such fittings for use in Saskatchewan.

The letters CSA will be applied as a prefix to the CRN to indicate which fittings have been registered in this manner. I would appreciate if you could inform your clients of this additional marking requirement.

You may also inform your clients that fittings registered by CSA are accepted for use in Saskatchewan.

Yours truly,



N. Surtees, P. Eng.  
Executive Director