



the pressure equipment safety authority

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October 10, 2014

United Filtration Systems, Inc.
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Sterling Heights, MI 48314
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The design submission, tracking number 2014-06977, originally received on August 26, 2014 was surveyed and accepted for registration as follows:

CRN : 0E14860.2 **Accepted on:** October 10, 2014

Reg Type: New Design **Expiry Date:** October 10, 2024

Drawing No. : AS LISTED IN SCOPE OF REGISTRATION

Fitting type: GMS FILTERS

Design registered in the name of : HEADLINE FILTERS LTD

The registration is conditional on your compliance with the following notes:

This registration includes the GMS Filters models and having the pressure ratings as listed in the Scope of Registration attached to the Statutory Declaration.

Job# PVE-8120

This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form. This registration is valid only until the indicated expiry date only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date. Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

Enclosed are stamped prints for your reference.

Sincerely,

PREDA, DRAGOS, P. Eng.

Scope of Registration

Document Name: PVEscp-8120
 Description of Product: GMS(Guardian Membrane Separators) Filters
 Job Ref. No.: PVE-8120
 Code of Construction: ASME B31.3 2012 Edition
 Material of Construction: SA-479 316/316L
 Manufacturer: Headline Filters
 Manufacturer Contact: Scott Hardiman
 Project Contact: Patrick Fernandes
 Revision: 0

Model	Drawing	Calculation	Rated Pressure PSI (BAR)	Rated Temp °F (°C)	Burst Pressure PSI	Comments
GMS050	HF4/3930	✓ PVEcl-8120-0.0	1500 (103)	300 (149)		
GMS100	HF4/3770	✓ PVEcl-8120-1.0	1500 (103)	300 (149)		
GMS105-1/8"	HF4/4030	PVEcl-8120-2.0	1500 (103)	300 (149)	-	Not burst tested - Qualified under GMS105-1/4" since it is identical with the exception of smaller connection ports.
GMS105-1/4"	HF4/3820/1	✓ PVEcl-8120-2.0	1500 (103)	300 (149)		
GMS120	HF4/4032	✓ PVEcl-8120-3.0	1500 (103)	300 (149)		Not burst tested - Qualified under GMS122 since it is identical with the exception of smaller connection ports.
GMS122	HF4/3842	PVEcl-8120-3.0	1500 (103)	300 (149)		
GMS170	HF4/3706/1	✓ PVEcl-8120-4.0	2000 (137)	300 (149)		
GMS205	HF4/3820/1	✓ PVEcl-8120-5.0	1500 (103)	300 (149)		

HF4/3836
 D.R.

Additional reference and supporting documents

Burst Report -

SAFETY CODES ACT - PROVINCE OF ALBERTA

REGISTRATION OF FITTINGS

0 E 1 4 8 6 0 2

REGISTRATION NO. _____

DWG. NO. or CAT. NO. AS LISTED

TYPE OF FITTINGS Filters

Date OCT 10 2014 INITIALS Preda

DRAGOS PREDA, P.Eng.
DESIGN SURVEY ENGINEER