



CRN Product Certification

The following positive displacement spur gear flowmeters have CRN registration, and must be used at or below the stated pressures to meet registration requirements.

Product and pressure rating:

JVS-12KG – 850 PSIG

JVS-20KG – 700 PSIG

JVS-30KG – 700 PSIG

JVHS-12KG – 3,500 PSIG

JVHS-20KG – 2,800 PSIG

JVHS-30KG – 2,800 PSIG

The above products have been registered with the following Canadian Registration Numbers:

0F12049.5R1 – Ontario, Technical Standards & Safety Authority (TSSA)

0F12049.51 – British Columbia, British Columbia Safety Authority

0F12049.52 – Alberta, Alberta Boilers Safety Association (ABSA)

CSA-0F12049.56R1 – Quebec & Saskatchewan, Technical Standards & Safety Authority (TSSA)

A handwritten signature in black ink, appearing to read "Mark Iverson".

Mark Iverson
General Manager

June 21st, 2018

Flow Measurement Technology *from TASI Flow Global Brands*





345 Carlingview Drive
Toronto Ontario M9W 6N9
Tel 416 734 3300
Fax 416 231 1626
Toll Free 1 877 682 8772
www.tssa.org

March 07, 2018

JOSEPH YEREMIAN
THERMODYNE ENGINEERING LTD
82 MACK AVE
SCARBOROUGH ON M1L 1M9
CA

Service Request Type: BPV-Fitting Registration
Service Request No.: 2248286
Your Reference No.: 17A-4-1
Registered to: AW-LAKE COMPANY

Dear JOSEPH YEREMIAN,

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

CRN: **0F12049.5R1**
Main Design No.: 07A-5-1-1-100 THROUGH 07A-5-1-1-600 REV 0
Expiry Date: 06-Mar-2028

Note: Registration is for renewal only.

A stamped copy of the approved registration and Invoice for engineering services will be mailed to you shortly. Should you have any questions or require further assistance, however, 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,

Alan Wu P. Eng.
Mechanical Engineer, BPV
Tel. : 416-734-3443
Fax : 416-231-6183
Email : awu@tssa.org

	10F1
ATTACHMENT TO	
C.R.N.	CSA-0F12049.56R1
Signed:	
178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3	

TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO ON M9W 6N9

Date: May 4, 2018

Account #: 35231

Journal #: 70598

Attn: TANYA FRANCIS

Re: Application for Design Registration

The design, as detailed in your, TSSA SR# 2264156, for a Fitting is accepted for registration as follows:

Registered To: AW-LAKE COMPANY

CRN: 0F12049.51

Drawing #: 07A-5-1-1-100 to -600

Drawing Revision: 0

Conditions Of Registration:

Registraton renewal of Flow Meters 07A-5-1-1-100 through 07A-5-1-1-600.

This design was registered based on a technical review performed by the province of initial registration in accordance with the Association of Chief Inspectors policy on reciprocal recognition of design review.

Reviewer's Notes:

As required by CSA B51 4.2.1, this registration expires on March 06, 2028. This CRN is valid until the expiry date as long as the Manufacturer maintains a valid quality control program verified by an acceptable third-party agency until that date. Should the certification of the quality control program lapse before the expiry date, this registration shall become void.

Contact me if you have any questions. The invoice for registration will be forwarded under separate cover.

SHARON PETERS

boiler.designregistration@technicalsaftybc.ca
Design Administration

cc:



the pressure equipment safety authority

STATUTORY DECLARATION
Registration of Fittings

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.



I, Mark Iverson, General Manager of AW-Lake Company

located at 2440 W. Corporate Preserve Dr. #600, Oak Creek, WI 53154

do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (check one)

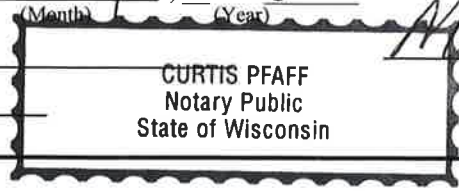
- comply with the requirements of ASME B31.3-2016 which specifies the dimensions, materials of construction, pressure/temperature ratings and identification marking of the fittings, or are not covered by the provisions of a recognized North American standard...

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, Intertek Systems as being suitable for the manufacture of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are Category F type fittings.

In support of this application, the following information, calculations and/or test data are attached: See attached drawings and stress reports for JVS-12KG, JVS-20KG, JVS-30KG, JVHS-12KG, JVHS-20KG, JVHS-30KG.

DECLARED before me at Milwaukee in the State of Wisconsin this 15 day of February, 2018

(print) Mark Iverson (sign) [Signature]



(Signature of Applicant) My Commission Expires July 14, 2019

For Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Clause 4.2, and is accepted for registration in Category F

Registration Number: OF 12049.52

Date Registered: MAR 27 2018

(For the Administrator/Chief Inspector of Alberta) Expiry Date: March 06, 2028

The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Boiler Discipline.

x Refer to acceptance letter for drawing numbers. Semir Issa March 27, 2018

Statutory Declaration Registration of Fittings

REGISTERED
CRN: CSA - OF12049.56R1
Registration Process administered by
CSA Group per CSA B51

(a) Design Qualification

I¹ Mark Iverson
General Manager
(Name of applicant)
(Position eg. president, plant manager, chief eng.)

of AW-Lake Company
(name of company)

Located at 2440 W. Corporate Preserve Dr. #600, Oak Creek, WI 53154
(plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Boilers & Pressure Vessels Act:

- comply with all the requirements of the ANSI/ASME codes as to their dimensions, material, identification & service for which they are required: B31.3 - 2016
- Or
- are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with _____ code or standard, and are designed to the best current engineering practice, as shown by the supporting test data.

(b) Quality control of Manufacture

I further declare the manufacture of these fittings is controlled by a quality control program that complies with the requirements of ISO 9001:2008, and has been verified by the following authority or authorized agency Intertek Systems

The fittings² covered by this declaration, for which I seek registration, are Category F Type Fittings (see model #s below)

In support of the application, the following information, calculations and/or test data are attached:
See attached drawings & stress reports for JVS-12KG, JVS-20KG, JVS-30KG, JVHS-12KG, JVHS-20KG, JVHS-30KG

Declared before me at Milwaukee

In the State of Wisconsin

This 15 day of February year 2018

[Signature]
My Commission Expires (not for oaths) July 14, 2019
CURTIS PFAFF
Notary Public
State of Wisconsin

[Signature]
Signature of Declarer³

For Official Use Only

The application is accepted for registration in Category F in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51.

This registration must be revalidated after ten (10) years from the date of acceptance, MARCH 06 2028

Registered Number CRN CSA - OF12049.56R1 For the Chief Inspector R. BARNES
Date APRIL 06 2018

¹ Three completed copies of the Statutory Declaration form, together with three copies of Catalogues, Drawings or Bulletins illustrating the above fittings, shall be submitted.

² All fittings are required to be registered in the name of the Manufacturer.

³ This form shall be completed and signed by the president or highest official in the manufacturing plant where the fitting is produced.

*Note:

1. See attachment as the scope of registration.
2. Renewal registration without construction material, design specification & pressure rating change.

