

Canadian registration numbers (CRN) for K-Patents Isolation valve SDI2-23-...-CRN and Washing device G2

Scope of registration:

Isolation valve SDI2-23-...-CRN and Washing device G2

Design pressure: 290 psi (20 bar)

Design temperature: -4...+302°F (-20...+180°C)

Materials/Isolation valve: SA-479 316L, UNS S31083, SA-240 316L, SA-193 B8M (316)

Materials/Washing device: SA-479 316L, UNS S31083, SA-240 316L

Registration numbers:

0C18240.5	Ontario
0C18240.51	British Columbia
0C18240.52	Alberta
0C18240.54	Manitoba
0C18240.50	Newfoundland & Labrador
CSA-0C18240.56	Quebec (by CSA)
CSA-0C18240.56	Saskatchewan (by CSA)
0C18240.57	New Brunswick
0C18240.58	Nova Scotia
0C18240.59	Prince Edward Island
0C18240.5Y	Yukon
0C18240.5T	Northwest Territories
0C18240.5N	Nunavut

The registration marking **0C18240.5C** shall be attached on the products to be delivered to Canada.



Veikko Kähkönen
Approvals Engineer



14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario
Canada M8X 2X4
Tel.: 416.734.3300
Fax: 416.231.1626
Toll Free: 1.877.682.8772
www.tssa.org

February 05, 2016

VEIKKO KAHKONEN
K-PATENTS OY
ELANNONTIE 5
VANTAA 01510
FI

Service Request Type: BPV-Fitting Registration
Service Request No.: 1342338
Your Reference No.:
Registered to: K-PATENTS OY

Dear VEIKKO KAHKONEN,

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

CRN No.: 0C18240.5
Main Design No.: ISOLATION VALVES:MODEL: SDI2-23, WASHING DEVICES G2, MODEL: PR-11023/24/25
Expiry Date: 05-Feb-2026

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. 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,

Charley Dong, P.Eng.

Tel.: 416-734-3436
Fax: 416-231-6183
Email: cdong@tssa.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

K-PATENTS
PROCESS INSTRUMENTS

STATUTORY DECLARATION

Registration of Fittings

I, Arto Härmäläinen, Technical Director

(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of K-Patents Oy

(Name of Manufacturer)

Located at Elannontie 5, 01510 Vantaa, Finland

(Plant Address)

+358 207 291 570

(Telephone No.)

+358 207 291 577

(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 the specifications _____ 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, Det Norske Veritas

The items covered by this declaration, for which I seek registration, are category C type fittings. In support of this application, the following information and/or test data are attached as follows:

Drawings: DIM463/A,2913/D,MTG472/F,2149A; Design calculations by Mekateam Oy (FEM1311029v1, FEM1311030v1,

FEM1311031v1) (drawings, calculations, test reports, etc.)

Declared before me at _____ in the _____ of _____

the _____ day of _____ AD 20_____.

Commissioner for Oaths:

(Printed name)

(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 C

CRN:

0C18240.5

Registered by:

Charley Dony

Dated:

Feb. 5/16

NOTE:

① SEE ATTACHED
'PART OF CRN'
FOR THE SCOPE.

② REVIEWED PER

NOTE: This registration expires on Feb. 5, 2026 CSA B51, 2009

PV 09553 (06/04)

**Technical
Standards
and Safety
Authority**

**Boilers and
Pressure Vessels
Safety Program**

REGISTERED

C.R.N.: 0C18240.5

Signed: Charley Dony

Date: Feb. 5/16

TSSA
Feb. 5/16



Re: CRN Application for K-Patents SDI2-23-...-CRN Isolation valve & Washing device

SCOPE OF REGISTRATION

a) Isolation valve SDI2-23-...-CRN

- Model: SDI2-23-...-CRN
- Design pressure: 0...20 bar (0...290 psi)
- Design temperature: -20...+180°C (-4...+356°F)
- Material specification: SA-479 316L, UNS S31083, SA-240 316L, SA-193 B8M (316)

b) Washing device G2

- Model: PR-11025 & PR-11023 or PR-11024
- Design pressure: 0...20 bar (0...290 psi)
- Design temperature: -20...+180°C (-4...+356°F)
- Material specification: SA-479 316L, UNS S31083, SA-240 316L

c) Applicable specifications

- Isolation valve: ASME BPVC Sec. VIII Div.1 Ed. 2015
- Washing device: ASME BPVC Sec. VIII Div. 1 Ed. 2015

Veikko Kähkönen
Approvals Engineer