



Montréal, 29 mai 2020

MME TANYA FRANCIS
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO ONTARIO
CANADA M9W6N9

Fabricant : DSS VALVES
1760 MAYFLOWER ROAD
NILES MICHIGAN
USA 49120

Numéro de dossier : 951161

Numéro(s) de dessin (s) : DSS KNIFE GATE VALVES SERIES M81, SCOPE OF REGISTRATION

Objet : Enregistrement des plans et devis – Confirmation de l'enregistrement

Madame,

La Régie du bâtiment du Québec (RBQ) vous informe que votre demande d'enregistrements de plans et devis a été traitée et que cette conception a été enregistrée sous le numéro d'enregistrement canadien (NEC\CRN) : 0C22353.56

Nous portons à votre attention cette exigence applicable à la réglementation sur les installations sous pression et des codes et normes qui y sont associés :

- Le constructeur doit maintenir un système de contrôle de la qualité valide pour fabriquer selon ce NEC.

Le présent avis d'approbation ne dégage pas le constructeur de ses responsabilités quant à la conception ou à la construction des équipements fabriqués selon ce NEC.

Salutations distinguées,

Bureau d'expertise et d'homologation en équipements sous pression

Montréal

545, boul. Crémazie Est, 7^e étage
Montréal (Québec) H2M 2V2
Téléphone : 514 873-6459
Sans frais : 1 866 262-2084
www.rbq.gouv.qc.ca



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Manufacturer : DSS VALVES
1760 MAYFLOWER ROAD
NILES MICHIGAN
USA 49120

Our reference : 951161
Design number : DSS KNIFE GATE VALVES SERIES M81, SCOPE OF REGISTRATION

Subject: Registration of designs – Confirmation of approval

Dear Madam,

The Régie du bâtiment du Québec (RBQ) informs you that your application for the registration of designs has been evaluated and that the design was registered under the Canadian Registration Number (CRN\NEC) : 0C22353.56

We bring your attention this requirement of the regulation respecting pressure installations, and the codes and standards adopted:

- The manufacturer must maintain a valid quality control program to produce according to the CRN.

This notice of approval does not relieve the constructor of his responsibilities with respect to the design or construction of equipment manufactured according to this CRN.

Yours sincerely,

Bureau d'expertise et d'homologation en équipements sous pression

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Statutory Declaration Registration of Fittings



(a) Design Qualification

I¹ TRENT RUNYON

(Name of applicant)

PRESIDENT

(Position eg, president, plant manager, chief eng.)

of DSS VALVES

(name of company)

Located at 1760 MAYFLOWER ROAD, NILES, MICHIGAN, 49120

(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 are required:

Or

☐ are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with _____ code and 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 which complies with the requirements of ISO 9001:2015, and has been verified by the following authority or authorized agency PECB

The fittings² covered by this declaration, for which I seek registration, are: CATEGORY C - MSS SP-81 KNIFE GATE VALVES

In support of the application, the following information, calculations and/or test data are attached:

SCOPE OF CRN REPORTS

Declared before me at Niles, Michigan

In the of State of Michigan

The 11th day of November AD 2019

Christina Lee
A (commissioner for oaths)

Christina Lee
NOTARY PUBLIC - STATE OF MICHIGAN
COUNTY OF BERRIEN
My Commission Expires April 23, 2026
Acting in the County of Berrien

Signature of Declarer

For Official Use Only

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

This registration must be revalidated after ten (10) years from the date of acceptance.

Registered Number CRN _____

For the Chief Inspector

Date _____

Régie
du bâtiment

Québec

05/29/2020

Accord de conciliation NEC

¹ Three completed copies of Statutory Declaration form together with three copies of Catalogs, drawings of Bulletins illustrating 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 of highest official in the manufacturing plant where the fitting is produced.

DSS Valves

1760 MAYFLOWER RD.
NILES, MI
49120



SCOPE OF CRN REGISTRATION

Product Description	DSS Series	Design Code	Size Range	Material Specification	MAWP at MAWT	Report Number
Knife Gate Valve	M81	MSS SP-81 ASME B31.3	2" thru 12" CL. 150 FF Lugged Full Face	ASTM A351-CF8M, ASTM A351-CF8, ASTM A351-CG8M, ASTM A351-CF3, ASTM A351-CF3M, ASTM A240-304, ASTM A240-316, ASTM A240-317, ASTM A240-304L, ASTM A240-316L, ASTM A240-317L	150 psig at 150°F  Régie du bâtiment Québec 	R-1189
Knife Gate Valve	M81	ASME B31.3	2" thru 12" CL. 150 FF Lugged Full Face	ASTM A216-WCB, ASTM A352-LCC, ASTM A436 Grade 1 UNS F41000 (Note 4), ASTM A439 Grade D2 UNS F43000, ASTM A995-4A CD3MN UNS J92205, ASTM A995-5A CE3MN UNS J93404	150 psig at 150°F	R-1189

Note 1: MAWP = Maximum Allowable Working Pressure, MAWT = Maximum Allowable Working Temperature, MDMT = Minimum Design Metal Temperature.

Note 2: In all cases the pressure-temperature ratings of the valves may be limited by the seat and seal materials. Consult literature.

Note 3: Products that are to operate at low temperatures shall conform to the rules of the applicable codes under which they are used.

Note 4: ASTM A436 Grade 1 UNS F41000 is limited to 100°F maximum operating temperature when used under this CRN as this material has no elevated temperature properties published in ASME B31.3 or ASME Section II Part D.