

Montréal, 2 juillet 2020

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

Fabricant : DETROIT FLEX DEFENSE
2921 INDUSTRIAL ROW,
TROY MI
USA 48084

Numéro de dossier : 951032

Numéro(s) de dessin (s) : DFM450 REV B.C, PRE003-06 REV A.B, PRE003-08 REV A.B, PRE003-12 REV A.B

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) : 0A22183.56

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

Montreal, July 2, 2020

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345 CARLINGVIEW DRIVE
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Manufacturer : DETROIT FLEX DEFENSE
2921 INDUSTRIAL ROW,
TROY MI
USA 48084

Our reference : 951032
Design number : DFM450 REV B.C, PRE003-06 REV A.B, PRE003-08 REV A.B, PRE003-12 REV A.B

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) : 0A22183.56

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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Montréal (Québec) H2M 2V2
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Statutory Declaration Registration of Fittings



(a) Design Qualification

I¹ BRYAN M. MOOSEKIAN
(Name of applicant)

CHEIF OF OPERATIONS
(Position eg, president, plant manager, chief eng.)

of DETROIT FLEX DEFENSE
(name of company)

Located at 2921 INDUSTRIAL ROW, TROY, MI, 48084
(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, and has been verified by the following authority or authorized agency ASR

The fittings² covered by this declaration, for which I seek registration, are CAT. A

In support of the application, the following information, calculations and/or test data are attached:
SCOPE OF CRN REGISTRATION, DRAWINGS, CALCULATIONS.

Declared before me at Troy **CARI M POWELL**
 Notary Public, State of Michigan
 County Of Oakland
 My Commission Expires 8-11-2021
 Acting in the County of OAKLAND

In the of State of Michigan

The 26th day of February AD 2020

Cari M Powell
A (commissioner for oaths)

[Signature]
Signature of Declarer³

8-11-2021

For Official Use Only

The application is accepted for registration in Category _____ 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.

Registered Number CRN _____ For the Chief Inspector _____
 Date _____

¹ Three completed copied 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 plan where the fitting is produced.

DETROIT FLEX DEFENCE

2921 INDUSTRIAL ROW,
TROY, MICHIGAN,
48084



02-Apr-20

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SCOPE OF CRN REGISTRATION

Product Description	Drawings Number	Design Code	Size Range	Process Connections	Material Specification	MAWP at MAWT	MDMT
JIC Fittings, Tube Fittings, Tube , 90 Degree	DFM450 Rev. B.C, PRE003-06 Rev. A.B, PRE003-08 Rev. A.B, PRE003-12 Rev. A.B	ASME B31.3 2018	3/8" OD, 1/2" OD	JIC, Tube End	Stainless Steel ASTM A479-316	1600 psig at 600°F	-135°F

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

Note 2: For low temperature operation the products shall conform to the rules of the applicable codes under which they are used.

Note 3: Tube fittings used in the connection shall have a valid CRN.

