

REGISTRATION OF A PRESSURE FITTING DESIGN

07-Jul-20

TSSA
345 Carlingview Drive
Toronto, Ontario
M9W 6N9

Attention: Tanya Francis

File Number: 11556 [0 F]

Re: Manufacturer: Detroit Flex Defense
Item: Tube Fitting Assemblies
Catalog or Drawing: Scope of Registration (02-Apr-20) & Design Drawings

TSASK Codes and Standards Compliance has registered the design listed above in accordance with The Boiler and Pressure Vessel Act and Regulations and CSA B51. The Canadian Registration Number (CRN) is:

OA22183.53 Expiry Date: February 14, 2030

Please note that every fitting shall be constructed in strict accordance with the registered design.

Fitting registrations are required to be resubmitted for validation after ten (10) years from the registration date in accordance with CSA B51, Clause 4.2.1.

Should you require anything further, please do not hesitate to contact the Codes and Standards Compliance Office at your convenience.

Yours truly,



Athan Syrgiannis, P.Eng.
Codes and Standards Compliance

Remarks:

CRN issuance based upon registration by another province.

A valid quality control program must be maintained at the production facility for the fitting registration to remain valid until the expiry date.

Registered drawings: DFM450 Rev. B.C, PRE003-06 Rev. A.B, PRE003-08 Rev. A.B & PRE003-12 Rev. A.B

Statutory Declaration (Registration of Fittings)

TSK-1008

I. Declaration Information

I, BRYAN M. MOOSEKIAN
CHIEF OF OPERATIONS
(company title, e.g. vice president, plant manager, chief engineer)
(must be in a position of authority in the manufacturing plant where the fitting is produced)

of: DETROIT FLEX DEFENSE
(name of manufacturer)

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



located at: 2921 INDUSTRIAL ROW TROY, MI 48084
(Plant Address - Apt/Street) (City,Prov) (Postal Code)

do solemnly declare that the fittings listed hereinunder, which are subject to the **Saskatchewan Boiler and Pressure Vessel Safety Act** (check one)

Comply with the requirements of ASME B31.3 which specifies the dimensions,
(title of recognized North American Standard)
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 and are therefore manufactured to comply with _____ as supported by the attached data which identifies the dimensions, materials of construction, pressure / temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacturer of these fittings is controlled by a quality control program which has been verified by the following authority, ASR ISO 9001 as being suitable for the manufacturer of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are CATEGORY A

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

SCOPE OF CRN REGISTRATION, DRAWINGS, CALCULATIONS


II. Declaration

DECLARED before me at Troy In the State of Michigan
this 26th day of February, 2020

BRYAN MOOSEKIAN CARI M POWELL
(print name) (Signature) Notary Public, State of Michigan
Cari M Powell County Of Oakland
(Signature of Commissioner of Oaths) My Commission Expires 8-11-2021
Acting in the County of OAKLAND

III. Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the **Boiler and Pressure Vessel Safety Act** and CSA B51, Clause 4.2, and is accepted for registration in Category _____



**Technical
Safety Authority
of Saskatchewan**

Registration No. OA22183.53
File No. 11556
Date: July 7, 2020
Expiry Date: February 14, 2030
Codes & Standards Compliance Office

(Date Registered - MM DD YYYY)
(For the Administrator / Chief Inspector)

(Expiry Date - MM DD YYYY)

Statutory Declaration (Registration of Fittings)

TSK-1008

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(must be in a position of authority in the manufacturing plant where the fitting is produced)
of: DETROIT FLEX DEFENSE
(name of manufacturer)

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



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SCOPE OF CRN REGISTRATION, DRAWINGS, CALCULATIONS

8-11-2021

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Cari M Powell County Of Oakland
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**Technical
Safety Authority
of Saskatchewan**

Registration No. OA22183.53
File No. 11556
Registered
Date: July 7, 2020
Expiry Date: February 14, 2030
Codes & Standards Compliance Office

(Date Registered – MM DD YYYY)
(For the Administrator / Chief Inspector)

(Expiry Date – MM DD YYYY)

DETROIT FLEX DEFENCE

2921 INDUSTRIAL ROW,
TROY, MICHIGAN,
48084



02-Apr-20

PAGE 1 OF 1

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.

	Technical Safety Authority of Saskatchewan
Registration No. _____	OA22183.53
File No. _____	11556
	<input type="button" value="Registered"/>
Date: _____	July 7, 2020
Expiry Date: _____	February 14, 2030
<small>Codes & Standards Compliance Office</small>	