

2202 2nd Avenue Regina, SK S4R 1K3 Canada 1 (866) 530-8599 info@tsask.ca www.tsask.ca

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



Codes & Standards Compliance Office

2202 2nd Ave.

Regina, SK S4R 1K3
PH: (306)798-7112 Toll Free: (866)530-8599
FAX: (306)787-9273 Toll Free: (866)760-9255
Email: boilerpermits@tsask.ca

Website: www.tsask.ca

Statutory Declaration (Registration of Fittings)

		131-100
Declaration Information		
BRYAN M. MOOSEKIAN		In this space, show facsimile of
CHIEF OF OPERATIONS		 manufacturer's logo or trademark as it will appear on the fitting.
(company title, e.g. vice president, pla		DETROIT
(must be in a position of authority in the manufact	uring plant where the fitting is produced)	FLEX DID
: DETROIT FLEX DEFENSE (name of mai	nufacturer)	DEFENSE
cated at: 2921 INDUSTRIAL ROW	TROY, MI	48084
(Plant Address – Apt/Street)	(City, Prov)	(Postal Code)
solemnly declare that the fittings listed he essel Safety Act (check one)	reinunder, which are subject to the <i>Sa</i>	skatchewan Boiler and Pressure
Comply with the requirements of ASI	ME B31.3	hich specifies the dimensions,
	e of recognized North American Standard) emperature ratings and identification m	parking of the fittings or
7.0 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
56 - 1	a recognized North American standard	
to comply with	materials of construction, pressure / te	as supported by the attached
for such ratings, and the marking of the		imperature ratings and the basis
	5,	
urther declare that the manufacturer of the		
rified by the following authority, ASR ISO	The state of the s	being suitable for the manufacturer
these fittings to the stated standard. The ATEGORY A	fittings covered by this declaration, for	which I seek registration, are
COPE OF CRN REGISTRATION,		
Declaration		\$ J. 30 " 12 "
ECLARED before me at Troy	In the State	of Michigan
	2020	01
day of	, 2020	CARI M POWELL
BRYAN MOOSEKIAN	(Signature)	Notary Public, State of Michigan
C. M. Paraell	(Signadie)	County Of Oakland My Commission Expires 8-11-207
(Signature of Commissioner of Oaths)	577 - S. C.	Acting in the County of BALIAN
. Office Use Only		
the best of my knowledge and belief, the app SA B51, Clause 4.2, and is accepted for registi		er and Pressure Vessel Safety Act a
Technical Safety Authority	(Date Registered – MM DD YYYY)	(Expiry Date – MM DD YYYY)
of Saskatchewan	(For the Administrator / Chief Inspec	ctor)
Registration No. OA22183.53		
File No		TSK
Registered Date: July 7, 2020		Rev. 10
Date: July 7, 2020		Page



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Statutory Declaration (Registration of Fittings)

TSK-1008

				131-1000					
I. C)eclara	tion Information							
I,	BRYAN I	M. MOOSEKIAN		In this space, show facsimile of					
	CHIEF O	F OPERATIONS	manufacturer's logo or trademark as it will appear on the fitting.						
	(must b	(company title, e.g. vice president, e in a position of authority in the manufa	plant manager, chief engineer) acturing plant where the fitting is produced)	E EX DED					
of:	DETROI	T FLEX DEFENSE	547, 799 St.	DEFENSE					
	4-4-4	and the same was a management of the same and	nanufacturer)	49094					
loca	ated at:	2921 INDUSTRIAL ROW (Plant Address – Apt/Street)	TROY, MI (City,Prov)	48084 (Postal Code)					
	do solemnly declare that the fittings listed hereinunder, which are subject to the Saskatchewan Boiler and Pressure Vessel Safety Act (check one)								
0) Comp	ly with the requirements of A		ch specifies the dimensions,					
	Mater		(title of recognized North American Standard) / temperature ratings and identification mar	king of the fittings, or					
С) Are no	ot covered by the provisions o	f a recognized North American standard an	nd are therefore manufactured					
		nply with		as supported by the attached					
			s, materials of construction, pressure / temp	perature ratings and the basis					
0.51		ch ratings, and the marking of		2.22					
		are that the manufacturer of t ne following authority, ASR IS	hese fittings is controlled by a quality control	ol program which has been ng suitable for the manufacturer					
1000 (8500)		보는 하는 것이 없는 사용을 모르는 보고 <mark>하는</mark> 데 보이었다. 그리고 있는 것이 되었다. 그리고 있는 모든 사용하다. 그를 하는 다 그 없는 것이다. 그리고 있다면 그렇게 되었다.	e fittings covered by this declaration, for w	- 1990年 (1.17 1997 1997 1997 1992 1997 1997 1997 19					
	TEGORY			1					
In s	upport of	f this application, the following	information, calculations and / or test data	are attached:					
sc	OPE C	F CRN REGISTRATION	, DRAWINGS, CALCULATIONS						
			 The first see that is statically reported by the end of the end	2					
-				22					
11.	Declar	ation		ट्राज्यकुं द्वार प्रश					
		before me at Troy	In the State	of Michigan					
this	0011	day of February	2020						
		N MOOSEKIAN	Bou. U	CARI M POWELL Notary Public, State of Michigan					
(print name)	0 11	(Signature)	County Of Oakland					
77	Cari	my fowell		My Commission Expires 8-11-2021 Acting in the County of PAKIMAD					
(3	Signature of	Commissioner of Oaths)							
		Use Only							
CS	the best o A B51, Cla	f my knowledge and belief, the apause 4.2, and is accepted for regi	oplication meets the requirements of the Boiler stration in Category	and Pressure Vessel Safety Act and					
		Technical							
		Safety Authority of Saskatchewan	(Date Registered – MM DD YYYY) (For the Administrator / Chief Inspector)	(Expiry Date – MM DD YYYY)					
L	Registration	0.4.00.4.00.50	, and the mapped of						
	File No	11556							
	Deter	Registered July 7, 2020		TSK-1008 Rev. 10/2012					
	Date: Expiry Date:	February 14, 2030		Page 1 of 1					

DETROIT FLEX DEFENCE

2921 INDUSTRIAL ROW, TROY, MICHIGAN, 48084



PAGE 1 OF 1

SCOPE OF CRN REGISTRATION

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

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.

