New Brunswick Nunavut	Nova Scotia Yukon	Prince Edv Northwest		Newfoundland and Labrador
Manufacturere Na	me: DETROIT FLEX DEFENSE			
Manager and the second	dress: 2921 INDUSTRIAL ROW,	TROVAL ABORA		The second secon
Plant Locations: SA		1NO1 MI, 40004		
Categor	y of Fittings to be registed	ered. Circle one , plugs, unions, pipe	Category only caps, or reducers	Title of the Standard of Construction
E Strainers, filters, seg F Measuring devices, transmitters G Certified capacity-ra bollers, pressure ve-	es oxible connections, and hose a parators, and steam traps including pressure gauges, le ted pressure relief devices ac ssels, piping and fusible plugs components that do not fail int	vel gauges, sight gla	sses, levels, or pres over pressure protec	
N Nuclear component	s: Class 1 🗆 Class 2 🗀 Cl	ass 3 🗆 , (Meeting (NSC or ASME requ	uirements)
Show Manufacture	PETROIT DEFENSE	DFD	pear on the prod	Type of Construction Forged Welded Wrought Cast Other Describe other:
List of supporting	documentation and iden	tification of the a	ctual Items to be	registered:
and responsibility for my knowledge repres ratings, and identifica fittings is regulated by verified by ASR ISO 8001	the quality of the end prod ents the product for which tion markings are in accor y a Quality Control Prograr	luct do solemnly de registration is sou dance with the hea m which extends to s being suitable fo	eclare that the info ight. The dimensi rein named standa o each plant where r that purpose and	ENSE and being the person having full authority ormation contained in this form is true to the best or ions, materials of construction, pressure temperature ards. I further declare that the manufacture of these fabrication occurs in whole or in part and has been also this solemn declaration conscientiously a under oath.
Signature of Declarer	: - OMJANNIC			
Declared before me a This 26th da Commissioner of Oat	y of February A	D 2020	CA	Use this space for the Official Seal : RI M POWELL blic, State of Michigan
Or Notary Public: (sig	in) Cau M to	well	Cou	unty Of Oakland
	(Affix Official seal to the	ne right)	My Commis	sion Expires 8-11-202/
		This space for Re	egulatory Authority u	ne County of OAK/AND use. In the date of acceptance.
CRN:0A221	L83.5	sot be revailed at	or torr (10) years no	in the date of acceptance.
FID#: 1596	-		ACTION OF OF	CCEPTED PRINCE EDWARD ISLAND
Notes: JIC, Tube f	ittings; 1600psi @ -135 registered in the name of the Mar		COMMUNITIES	, LAND & ENVIRONMENT
2. Each Category sha	registered in the name of the Mar Il be supported with two Statutory pporting documentation,		C.R.N.	A22183.59
3. The Declaration sha	all be made by the person having a quality of the end product.	full authority and	DATE:	137

Quality Control programs shall be resubmitted for validation.

Dwg.DFM450 REV B.C, PRE003-06 REV A.B,
 11/2016 PRE003-08 REV A.B, PRE003-12 rev.A.B

CRN expires Feb.14, 2030 - DG

INSPECTION SERVICES SECTION

BOILER/PRESSURE VESSEL BRANCH

New Brunswick Nunavut	Nova Scotia Yukon	Prince Edward Island Northwest Territories	Newfoundland and Labrador
Manufacturers Na	Me: DETROIT FLEX DEFENSE		
	dress; 2921 INDUSTRIAL ROW, TRO	DY MI, 48084	
Plant Locations: sa			
A) Pipe filtings, includi B Flanges: all flanges C Valves: all fine valve	ng couplings, tees, elbows, Ys, pi es	d. Circle one Category only ugs, unions, pipe caps, or reducers	Title of the Standard of Construction
 E Strainers, filters, set F Measuring devices, transmitters G Certified capacity-ra 	ted pressure relief devices acces	mblies: all types gauges, sight glasses, levels, or pr lable as primary over pressure prol	
bollers, pressure ver	ssels, piping and fusible plugs components that do not fall into or		
N Nuclear component	s: Class 1 🗆 Class 2 🗀 Class	3 [] , (Meeting CNSC or ASME re	equirements)
Show Manufacture	PARTE Name, Trademark, or Loc	DFD	Forged 8 Welded 8 Wrought 8 Cast a Other a Describe other:
List of supporting	documentation and identific	ation of the actual items to b	he registered:
and responsibility for my knowledge repres ratings, and identifica fittings is regulated by verified by ASRISO 8001	the quality of the end product ents the product for which re- tion markings are in accordant a Quality Control Program was be- and knowing that it is of the s	do solemnly declare that the in istration is sought. The dimen ce with the herein named stan- hich extends to each plant whe	FENSE and being the person having full authority information contained in this form is true to the best insions, materials of construction, pressure temperated adards. I further declare that the manufacture of the ere fabrication occurs in whole or in part and has been in make this solemn declaration conscientiously de under oath.
Declared before me a	The state of the s		3
****	and the same of th	2020	Heathle speed for the Carties and
Commissioner of Oat		C/	Use this space for the Official Seal
Or Notary Public: (sig	n) Can M tow	ell	ublic, State of Michigan ounty Of Oskland
	(Affix Official seal to the ri	mbi) My Commi	ission Expires 8-11-202/
	This registration must b	This space for Regulatory Authority e ravalidated after ten (10) years fi	the County of asK/MAD y use.
CRN: 0A221	.83.5		
FID#: 1596	0	/3	ER & PRESSURE V
Notes: JIC, Tube fi	ttings; 1600psi @ -135F	(40 ¹ / ₂)	NOVA SCOTTA
	registered in the name of the Manufac		19/20
	I be supported with two Statutory Deci sporting documentation.		
	all be made by the person having full a quality of the end product.	uttority and Signed	as described

Sect 1.0 - Fittings Rev.2

4. Quality Control programs shall be resubmitted for validation.
Dwg.DFM450 REV B.C, PRE003-06 REV A.B,
11/2016 PRE003-08 REV A.B, PRE003-12 rev.A.B
CRN expires Feb.14, 2030 - DG

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS **New Brunswick** Nova Scotia Prince Edward Island Newfoundland and Labrador Nunavut Yukon Northwest Territories Manufacturers Name: DETROIT FLEX DEFENSE Manufacturers Address: 2921 INDUSTRIAL ROW, TROY MI, 48084 Plant Locations: SAME AS ABOVE Category of Fittings to be registered. Circle one Category only Title of the Standard of A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers Construction B Flanges: all flanges C Valves: all line valves Expansion joints, flexible connections, and hose assemblies: all types - ASME B31.3 E Strainers, filters, separators, and steam traps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 ☐ Class 2 ☐ Class 3 ☐ , (Meeting CNSC or ASME requirements) Show Manufacturers Name, Trademark, or Logo as it will appear on the product Type of Construction Welded # Forged Cast Other \Box Describe other: List of supporting documentation and identification of the actual items to be registered: SCOPE OF CRN REGISTRATION, DRAWINGS, CALCULATIONS. **Declaration:** I BRYAN M. MOOSEKIAN CHIEF OF OPERATIONS (see note 3) employed by DETROIT FLEX DEFENSE and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by ASR ISO 9001 as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath. Signature of Declarer: Declared before me at Troy, Michigan This 26th day of February 2020 Jee this space for the Official So AD CARI M POWELL Commissioner of Oaths tary Public, State of Michigan Or Notary Public: (sign) County Of Oakland aniveau Commission (Affix Official seal to the right) This space for Regulatory Authority use

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

BOILER & PRESSURE VESSEL ACT ng in the Cd 0A22183.5 CRN: 15960 REGISTRATION ONLY FID#: JIC, Tube fittings; 1600psi @ -135F to 600F All Fittings shall be registered in the name of the Manufacturer. Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. The Declaration shall be made by the person having full authority and responsibility for the quality of the end product. Quality Control programs shall be resubmitted for validation. Dwg.DFM450 REV B.C, PRE003-06 REV A.B, 11/2016 PRE003-08 REV A.B, PRE003-12 rev.A.B CRN expires Feb.14, 2030 - DG BLRs PVs

FITTINGS

☐ NUCLEAR COMPONENTS

New Brunswick Nunavut	Nova Scotia Yukon	Prince Edward Island Northwest Territories	Newfoundland and Labrador		
Manufacturers Name: DETROIT FLEX DEFENSE					
Manufacturers Addre	SS: 2921 INDUSTRIAL ROW, TROY	MI, 48084			
Plant Locations: SAME	AS ABOVE				
Category o	of Fittings to be registered	. Circle one Category only	Title of the Standard of		
B Flanges: all flanges	couplings, tees, elbows, Ys, plu(gs, unions, pipe caps, or reducers	Construction		
C Valves: all line valves					
E Strainers, filters, separa	e connections, and hose assentitors, and steam traps		- ASME B31.3		
F Measuring devices, inci	uding pressure gauges, level ga	auges, sight glasses, levels, or pressure			
G Certified capacity-rated	pressure relief devices accepta	ble as primary over pressure protection o	n		
boilers, pressure vessel	s, piping and fusible plugs ponents that do not fall into one				
1		6189			
N Nuclear components:	Class 1 L Class 2 L Class 3	. (Meeting CNSC or ASME requirements as it will appear on the product			
Onow mandledurers	DETROIT	as it will appear on the product	Type of Construction Forged # Welded # Wrought #		
		DED	Cast o Other o		
		DFD	Describe ather:		
	DEFENSE W.				
List of supporting do	umentation and identifica	tion of the actual items to be regis	tered:		
- SCOPE OF CR	N REGISTRATION, D	DRAWINGS, CALCULATIO	NS.		
	TO SEE STATE OF THE PARTY AND THE PARTY OF T	,			

			The second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a section in the second section in the section is a section in the section in the section is a section in the section in the section is a section in the section in the section is a section in the section in the section in the section is a section in the section in the section in the section is a section in the section in the section in the section in the section is a section in the section in		
			authorise de la constitución de		
Declaration:					
BRYAN M. MOOSEKIAN CHIEF O	OPERATIONS (see note 3) emplo	oyed by DETROIT FLEX DEFENSE	and being the person having full authority		
and responsibility for the	quality of the end product d	o solemnly declare that the informati	on contained in this form is to be the heat of		
ratings, and identification	s the product for which regis markings are in accordance	e with the herein named standards	neterials of construction, pressure temperature I further declare that the manufacture of these		
fittings is regulated by a	Quality Control Program wh	ich extends to each plant where fabri	ication occurs in whole or in part and has been		
Verilled by Askisoson	as bei	ng suitable for that purpose and I ma ime force and effect as if made unde	ke this solemn declaration conscientiously		
	By III	ine loice and effect as it made unde	roatn.		
Signature of Declarer:	- myann				
Declared before me at	Troy, Michigan		ž.		
This 26th day of	February AD 2		his space for the Official Seal		
Commissioner of Oaths	0 0	CARI M	POWELL		
Or Notary Public: (sign)	Can m towe		itate of Michigar If Oakland		
, , , , , , , , , , , , , , , , , , , ,	(Affix Official seal to the righ	My Commission	Expires 8-11-2021		
		Acting in the Co is space for Regulatory Authority use.	unity of ask/ANO		
	This registration must be	revalidated after ten (10) years from the	date of acceptance.		
CRN: 0A2218	3.5		Newfoundland		
15960			Labrador		
FID#: JIC. Tube fitting	gs; 1600psi @ -135F		Service NL		
to 600F 1. All Fittings shall be regis	stered in the name of the Manufactu		Registered 0A22183,50		
	supported with two Statutory Decision		Date 20/06/24		
and one copy of suppor	ting documentation.		Engineering and Inspection/Services		
The Declaration shall be responsibility for the out.	made by the person having full au slity of the end product.	thority and			
	as shall be resubmitted for validation	ı	Registered by		
Dwg.DFM450 REV	3.C. PRE003-06 REV A.	B.	UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACTIONS Rev.2		
11/2016 PRE003-0	08 REV A.B, PRE003-12	rev.A.B	THE BOILER, PRESSURE VESSEL AND		
CKIN expires F	eb.14, 2030 - DG	i	COMPRESSED GAS REGULATIONS		

New Brunswick Nunavut

Nova Scotia Yukon

Prince Edward Island Northwest Territories Newfoundland and Labrador

Manufacturers Name: DETROIT FLEX DEFENSE		
Manufacturers Address: 2921 INDUSTRIAL ROW, TROY MI, 48084 Plant Locations; SAME AS ABOVE	***************************************	
Category of Fittings to be registered. Circle one C A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe of B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types Strainers, filters, separators, and steam traps F Measuring devices, including pressure gauges, level gauges, sight glas transmitters G Certified capacity-rated pressure relief devices acceptable as primary or boilers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above ca	saps, or reducers ses, levels, or pressure ver pressure protection on	Title of the Standard of Construction - ASME B31.3
N Nuclear components: Class 1 ☐ Class 2 ☐ Class 3 ☐ , (Meeting Cl Show Manufacturers Name, Trademark, or Logo as it will app	NSC or ASME requirements)	T. (6)
FLEX DFD		Type of Construction Forged Welded Wrought Cast Control Describe other:
List of supporting documentation and identification of the act	tual items to be registered	<u>d:</u>
Declaration: BRYMM.MOOSEKANCHIEF OF OPERATIONS (see note 3) employed by DETR and responsibility for the quality of the end product do solemnly ded my knowledge represents the product for which registration is sougratings, and identification markings are in accordance with the here fittings is regulated by a Quality Control Program which extends to	clare that the information co ht. The dimensions, mater in named standards. I furth	entained in this form is true to the best of ials of construction, pressure temperature of these per declare that the manufacture of these
believing it to be true, and knowing that it is of the same force and a	that purpose and I make th	is solemn declaration conscientiously
Signature of Declarer:		
Declared before me at Troy, Michigan		s.
This 26th day of February AD 2020 Commissioner of Oaths Or Notary Public: (sign) (Affix Official seal to the right)	space for the Official Seal : VELL of Michigan kland res 8-11-202/	
	Acting in the County	of OAK-MAD
This registration must be revalidated after CRN: 0A22183.5 FID#: 15960 Notes: JIC, Tube fittings; 1600psi @ -135F to 600F 1. All Fittings shall be registered in the name of the Manufacturer. 2. Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The Declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality Control programs shall be resubmitted for validation. Dwg.DFM450 REV B.C, PRE003-06 REV A.B, 11/2016 PRE003-08 REV A.B, PRE003-12 rev.A.B CRN expires Feb.14, 2030 - DG	ten (10) years from the date of BY	0A22183.5Y E 06/25/2020 1.0 - Fitings Ryv.2
	100	
	101	FOC BRANC

New Brunswick Nova Scotia Prince Edward Island Newfoundland and Labrador Nunavut Yukon Northwest Territories Manufacturers Name; DETROIT FLEX DEFENSE Manufacturers Address: 2921 INDUSTRIAL ROW, TROY MI, 48084 Plant Locations: SAME AS ABOVE Category of Fittings to be registered. Circle one Category only Title of the Standard of A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers Construction Flanges: all flanges C Valves: all line velves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps ASME B31.3 F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Cartified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs

H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 🗆 Class 2 🖸 Class 3 🗇 , (Meeting CNSC or ASME requirements) Show Manufacturers Name, Trademark, or Logo as it will appear on the product Type of Construction Forced I Welded # Cast n Other o Describe other. List of supporting documentation and identification of the actual items to be registered: - SCOPE OF CRN REGISTRATION, DRAWINGS, CALCULATIONS. Declaration: BRYAMM MODSEGAN CHIEF OF OPERATIONS (see note 3) employed by DETROIT FLEX DEFENSE and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by ASR 190 9001 as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath. Signature of Declarer: Declared before me at _Troy, Michigan day of February This 26th AD 2020 Use this space for the Official Seal Commissioner of Oaths Notary Public, State of Michigan Or Notary Public: (sign) County Of Oakland My Commission Expires 8-11-2021 (Affix Official seal to the right) This space for Regulatory Authority use. This registration must be revalidated after ten (10) years from the date of 0A22183.5 CRN: 82.00 15960 Notes: JIC, Tube fittings; 1600psi @ -135F to 600F

1. All Fittings shall be registered in the name of the Manufacturer. REGISTERED Each Category shall be supported with two Statutory Declaration forms UNDER THE AUTHORITY OF and one copy of supporting documentation. THE BOILER AND PRESSURE The Declaration shall be made by the person having full authority and responsibility for the quality of the and product. VESSEL ACT.

 Quality Control programs shall be resubmitted for validation.
 Dwg.DFM450 REV B.C, PRE003-06 REV A.B, 11/2016 PRE003-08 REV A.B, PRE003-12 rev.A.B

CRN expires Feb.14, 2030 - DG

C.R.N. BA23 183.5

SIGNED

DATE ZAME

Sect 1.0 - Fittin

New Brunswick Nunavut		nce Edward Island htthwest Territories	Newfoundland and Labrador		
Manufacturers Name: DETROIT FLEX DEFENSE					
Manufacturers Addr Plant Locations: same	888; 2921 INDUSTRIAL ROW, TROY MI, 48	084			
Category	of Fittings to be registered. Circ	cle one Category only	Title of the Panadard of		
A Pipe fittings, including B Fianges; all flanges	couplings, tees, elbows, Ys, plugs, uni	ons, pipe caps, or reducers	Title of the Standard of Construction		
C Valves: all line valves					
I E SUBINETS, TUTETS, SECON	ble connections, and hose assemblies:		- ASME B31.3		
F Measuring devices, inc transmitters	cluding pressure gauges, level gauges,	sight glasses, levels, or pressure	7 10.11.2 50 1.10		
G Certified capacity-rated	pressure relief devices acceptable as	primary over pressure protection on			
H Pressure retaining con	els, piping and fusible plugs reponents that do not fall into one of the	above categories			
N Nuclear components:	Class 1 Class 2 Class 3 C. (Meeting CNSC or ASME requirements			
SUOM Mauriacinists	Name, Trademark, or Logo as It	will appear on the product	Type of Construction Forged # Welded # Wrought		
	DETROIT	rn.	Cast D Other D	•	
		FD	Describe other:		
Head of company and and also	32721321211				
	cumentation and Identification				
- SCOPE OF CR	RN REGISTRATION, DRA	WINGS, CALCULATION	S.		
L					
Declaration:					
BRYAN M. MOOSEGAN CHIEF C	OF OPERATIONS (see note 3) employed b	DETROIT FLEX DEFENSE	and being the person having full author	ority	
my knowledge represen	e quality of the end product do sole its the product for which registration	emnly declare that the information	contained in this form is true to the be	est of	
Tatilities and sooriality and	ii mainika ara in accordanca win	i ina narain namad etandarda - I ƙ	tirlings doctors that the man-id-days - 1	11	
verified by ASRISO 9001	Quality Control Program Which ex	tends to each plant where fabrica	ation occurs in whote or in part and has this solemn declaration conscientious	hoon	
believing it to be true, a	nd knowing that it is of the same fo	orce and effect as if made under o	oath.	ly	
Signature of Declarer: _	BARALLI -				
Declared before me at	Troy, Michigan		Ā		
CO CONTRACTOR	February AD 2020	Lise this	space for the Official Seal		
Commissioner of Oaths		CARI M PO	OWELL		
Or Notary Public: (sign)	Can'm towell	Notary Public, Sta	akland		
	(Affix Official seal to the right)	Acting to the Cour	1202-11-8 pariq		
This space for Requisitory Authority use. This registration must be revalidated after ten (10) years from the date of acceptances and					
CRN: 0A2218	3.5	Tr -00.7			
15960		ranavat	Pressure Vessels Act		
FID#: 13980 Notes: JIC, Tube fitti	ngs; 1600psi @ -135F	REG	SISTERED		
1. All Fittings shall be reg	istered in the name of the Manufacturer.	CRN 0A 22	182 SAI		
2. Each Category shall be	supported with two Statutory Declaration for				
and one copy of suppo 3. The Declaration shall be	rung documentation. se made by the person having full authority a	Date June	6,2020		
responsibility for the qu	sality of the end product.	Signed	White K.	2000 13000000	
Dwg.DFM450 RFV	ns shall be resubmitted for validation. B.C, PRE003-06 REV A.B.	Cris	of Inspector - Sect 10 - Figure Rev 2	CHEST SERVICE	
11/2016 PRE003-	08 REV A.B, PRE003-12 rev.	A.B	a Hispector — 38211.0 - Fittings Rev.2		
CRN expires F	eb.14, 2030 - DG	The same of the sa	Registration Fee		
		10111611611	TOTAL CHICK TOTAL	The state of the s	