

9410 - 20 Ave N.W. Edmonton, Alberta, Canada T6N 0A4 Tel: (780) 437-9100 / Fax: (780) 437-7787

November 28, 2022

Attention: Lucas Dore

DELVAL FLOW CONTROLS USA

6068 HIGHWAY 73 GEISMAR, LA 70734

The design submission, Tracking Number 2022-06435, Web Portal Number 2022-S2762, originally received on November 15, 2022 was surveyed and accepted for registration as follows:

CRN: 0C22783.2 **Accepted on:** November 28, 2022

Reg Type: NEW DESIGN **Expiry Date:** November 28, 2032

Drawing No.: PC.BFV.012.00 Rev 1

Fitting type: TRIPLE OFFSET VALVE SERIES 4 TriO

Design registered in the name of : DELVAL FLOW CONTROLS PVT LTD

The registration is conditional on your compliance with the following notes:

- This registration is based on the understanding that the valves are in full compliance with ASME B16.34 including size, thickness and material.

As indicated on AB-41 Statutory Declaration or AB-351 Declaration of Conformity form and submitted documentation, the code of construction is B16.34.

- It is our understanding that the fitting(s), included as the scope of this submission, that is(are) subject to the Safety Codes Act shall comply with the requirements of the indicated Standard or Code of Construction on the AB-41 Statutory Declaration or AB-351 Declaration of Conformity as supported by the attached data which identifies the dimensions, materials of construction, press./temp. ratings and the basis for such ratings, and the identification marking of the fittings.
- This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration or AB-351 Declaration of Conformity form.
- This registration is valid only until the indicated expiry date and only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency, and maintains a valid Certification of Authorization Permit if required by the jurisdiction where manufacturing takes place, until that date.
- Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3369 or fax (780) 437-7787 or e-mail Radisavljevic@absa.ca.

Sincerely,

RADISAVLJEVIC, ZANA, P. Tech. (Eng.)

Zana Padisar/jevil

DOP Cert. No. D00003136

2022-06435 Page 1 of 1



AB-41 2019-08

STATUTORY DECLARATION Registration of Fittings Single or Multiple Fitting Designs within one Fitting Category

, Arun Shiroor	, Managing Director	
(name of applicant)	(position title) (must be in a position	of authority)
of Delval Flow Controls Pvt Ltd		Dall/6
	ame of manufacturer)	Delve
ocated at Gat #25, Kavathe, Post Ja		2801
	(plant address)	
do solemnly declare that the fittings li (select only one)	sted hereunder, which are subject to	o the Safety Codes Act
comply with the requirements	of API 609 & ASME B16.34 (title of recognized North American Star	which specifies the dimensions,
materials of construction, pre	ssure/temperature ratings and ident	ification marking of the fittings, or
are not covered by the provisi	ons of a recognized North American	standard and are therefore
manufactured to comply with_		as supported by the
	tle of code of construction or other applicable	
attached data which identifies	the dimensions, materials of constr	ruction, pressure/temperature ratings
and the basis for such ratings	, and the identification marking of th	e fittings.
I further declare that the manufacture	of these fittings is controlled by a q	quality control program which has
been verified as described in the belo	ow Table as being suitable for the m	nanufacturing of these fittings to the
stated standard, regulation, code, gu	ideline or other applicable documen	t. The fittings covered by the
declaration for which I seek registrati	on are as provided in the Suppleme	entary Sheet(s) attached.

Quality Program Verification and Manufacturing Sites

A copy of the Quality Certificate from each manufacturing site must be included

Item # Product Description, Model or Series		Description, Quality Scope		Expiry Date	Verifying Organization	Location(s) Plant Name and address		
Triple offset Valve Series 4 TriO		QMS to ISO9001	Design, manuafcture & aftersale service of BFV, BLV, Actrs & Valve automation syst	02.03.2025	DNV-GL	Delval Flow Controls Pvt Ltd, Gat #25, Kavathe, Satara dist. PIN412801		
2.			144					

Tracking #: 2022-06435





C/S GA drawings of	of Series 4 TriO	
	, Instruction, Opn & Maint Manual of Trip	ile Offset Valve Series 4 TriO
∞	· M	in direct valve deries 4 mile
NOW	moss	04/11/2022
(Signature o	of the Declarer)	(Date)
DECLARED before	me at Baton Rouge in the	state or Louigiana
his LATE	(city)	State of Louigiana (province, territory, or state)
		Year)
print) Erin	B. Chicholm Joiner of Oaths or Notary Public)	
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sign) W P	3. Chishila # 71292 identified of Oaths of Notary Public)	
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Printered Company of the Company of	(mm/dd/yy))	
Sammingianar of O	othe / Nature Dublin in and fact	Lauren
CONTINUES STOTIET OF CO	aths / Notary Public in and for:	Luisiana
		(province, territory, or state)
or ABSA Office U	Isa Only:	(province, territory, or state)
For ABSA Office U	Ise Only:	(provincé, territory, or state)
	Ise Only:	(provincé, territory, or state)
	lse Only:	(province, territory, or state)
NOTES:		(province, territory, or state)
To the best of my I meets the requirem	knowledge and belief, the application nents of the Safety Codes Act and CSA	
To the best of my I meets the requiren Standard B51, Par	knowledge and belief, the application nents of the Safety Codes Act and CSA rt 1, Clause 4.2, and is accepted for	(provincé, territory, or state)
To the best of my I meets the requirem	knowledge and belief, the application nents of the Safety Codes Act and CSA rt 1, Clause 4.2, and is accepted for	2022-06435 ABSA SAFETY CODES ACT - PROMINCE OF ALBERTIA
To the best of my in meets the requirent Standard B51, Par registration in Cate	knowledge and belief, the application nents of the Safety Codes Act and CSArt 1, Clause 4.2, and is accepted for egory	ABSA SAFETY CODES ACT - PROMINCE OF ALBERTIA ACCEPTED: OC22783. 2
To the best of my I meets the requiren Standard B51, Par	knowledge and belief, the application nents of the Safety Codes Act and CSA rt 1, Clause 4.2, and is accepted for	ABSA SAFETY CODES ACT - PROMINCE OF ALBERTIA ACCEPTED: OC22783. 2 See acceptance letter for
To the best of my in meets the requirent Standard B51, Par registration in Cate	knowledge and belief, the application nents of the Safety Codes Act and CSArt 1, Clause 4.2, and is accepted for egory	ABSA SAFETY CODES ACT - PROMINCE OF ALBERTIA ACCEPTED: OC22783. 2
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To the best of my I meets the requiren Standard B51, Par registration in Cate	knowledge and belief, the application ments of the Safety Codes Act and CSA t 1, Clause 4.2, and is accepted for egory C	ABSA SAFETY CODES ACT - PROMINCE OF ALBERTIA ACCEPTED: OC22783. 2 See acceptance letter for conditions of registration. Date: 2022-11-28 By: Jana Paasanfend
To the best of my in meets the requirent Standard B51, Par registration in Cate	knowledge and belief, the application ments of the Safety Codes Act and CSA at 1, Clause 4.2, and is accepted for egory 0C22783.2 2022-11-28	SAFETY CODES ACT - PROMINCE OF ALBERTIA ACCEPTED: OC22783. 2 See acceptance letter for conditions of registration. Date: 2022-11-28 By: Jana Peasary CANA RADISAVLJEVIC, P. Tech. (Eng. DOP: D00003136 This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of
To the best of my I meets the requiren Standard B51, Par registration in Cate	knowledge and belief, the application ments of the Safety Codes Act and CSA at 1, Clause 4.2, and is accepted for egory 0C22783.2 2022-11-28	ABSA SAFETY CODES ACT - PROVINCE OF ALBERTA ACCEPTED: OC22783. 2 See acceptance letter for conditions of registration. Date: 2022-11-28 By: Jana Padarafy and ZANA RADISAVLJEVIC, P. Tech. (Eng. DOP: 000003136) This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance

CRN 0C22783.2; EXP. DATE 2032-11-28; ABSA TR# 2022-06435



the pressure equipment safety authority
(Supplemental Sheet for AB-41)
AB-41 2019-08

Table 1** Scope of Fitting Designs

Item#	Primary		Port Connections and Size Range		Rated Pressure				Reference
	Pressure Bearing / Retaining Component	Material of Construction		MDMT	At Ambient Temperature	At Maximum Temperature	Pressure Class(es) / Schedule(s)	Design Code(s) of Construction	Catalogue (pages) or Drawing(s)
Triple Offset Valve Series 4 TriO	Butterfly Valve body	As per Tab 1 of ASME B16.34	3" to 48" with wafer/lugged/ Flanged ends for Class 150; 3" to 24" with wafer/lugged/ flanged ends for Class 600	CI150# CI300# CI600#	ASME Class 150#/ 300# & 600#	As per ASME B16.34 tables	Class 150# Class 300# Class 600#	API 609Cat B ASME B16.34	PC.BFV. 012.00_R1

Table 2 Additional Scope Information

ist/Attach Additiona	Detail and Referen	nces (Product Configuration	ons, Options, Illustrations, etc.)
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Example:

Series X Options

Series 4 TriO in Class 150-600 Triple Offset Valves in wafer/lugged/and flanged ends

^{**} For additional alternatives of Table 1, refer to Form AB-41a, Guide for Completing Form AB-41



345 Carlingview Drive Toronto, Ontario M9W 6N9 Tel.: 416.734.3300 Fax: 416.231.1626 Toll Free: 1.877.682.8772

www.tssa.org

March 9, 2023

ABSA THE PRESSURE EQUIPMENT SAFETY AUTHORITY 9410 20 AVE NW EDMONTON AB T6N 0A4

Workorder Type: Registration - Fitting(Conventional)

Workorder No: 8235759

Your Reference No.: PORTAL #2022-S2762 - REF 2022-06435 CRN# 0C22783.2

Registered to: DELVAL FLOW CONTROL PVT LTD

Dear Kristine Trepanier,

Technical Standards and Safety Authority (TSSA) is pleased to inform you that your submission has been reviewed and registered as follows:

CRN: 0C22783.25

Main Design No.: Triple Offset Valve Series 4 Trio

Expiry Date: Nov 28, 2032

Please be advised that a valid quality control system must be maintained for the fitting registration to remain valid until the expiry date.

-Note: Design registration completed under interprovincial agreement with jurisdictional check only

The stamped copy of the approved registration and the invoice are mailed separately (There will be no hard copies for electronic submissions). Should you have any questions or require further assistance, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Hammad Wasif, M.Eng., P.Eng.

Engineer, BPV

Tel.: +1 416-734-3441 Email: hwasif@tssa.org



STATUTORY DECLARATION Registration of Fittings Single or Multiple Fitting Designs within one Fitting Category

I, Ar	un Shiroor	,	Managing Direct	or		丢
of D	(name of applicant) Delval Flow Controls Pv	t Ltd	(position title) (must	be in a position of	of authority)	-0)-
		(name	of manufacturer)			DelVa
locate	ed at Gat #25, Kavathe	e, Post Javale	e, tal. Khandala, Di	st. Satara-412	2801	Flow Connection
			ant address)			
	lemnly declare that the	tittings listed	hereunder, which	are subject to	the Safety Codes	Act
(selec	ct only one)					
	comply with the requ	The state of the s	API 609 & ASME B		The state of the s	s the dimensions,
	materials of construc	ction, pressur	e/temperature ratir	ngs and identi	fication marking of	the fittings, or
	are not covered by the	ne provisions	of a recognized No	orth American	standard and are the	herefore
	manufactured to com		code of construction of	other applicable	as support	ted by the
	attached data which	identifies the	dimensions, mater	ials of constru	uction, pressure/ten	nperature ratings
	and the basis for suc					
I furth	ner declare that the ma	nufacture of	these fittings is con	trolled by a q	uality control progra	m which has
been	verified as described i	n the below T	able as being suita	able for the ma	anufacturing of thes	se fittings to the
state	d standard, regulation,	code, quideli	ne or other applica	ble document	t. The fittings covere	ed by the
	-					Section 1
uecia	aration for which I seek	registration	ire as provided in t	ie Suppleme	mary Sneet(s) attac	ned.
Qual	ity Program Verificati	on and Man	ufacturing Sites			
A co	py of the Quality Certifi	cate from eac	h manufacturing s	te must be in	cluded	
Item #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address
			Design,			

Item #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address
1. Triple offset Valve Series 4 TriO		QMS to ISO9001	Design, manuafcture & aftersale service of BFV, BLV, Actrs & Valve automation syst	02.03.2025	DNV-GL	Delval Flow Controls Pvt Ltd, Gat #25, Kavathe, Satara dist. PIN412801
2.						

Tracking	#:	





In support of this application, the following information, calculations and/or test data are attached: C/S GA drawings of Series 4 TriO Product catalogue, Instruction, Opn & Maint Manual of Triple Offset Valve Series 4 TriO (Signature of the Declarer) DECLARED before me at <u>Baton Rouge</u> in the <u>State</u> of <u>Louisiana</u> (province, territory, or state) this <u>Hr. day of November</u>. 2011 (Month) (Year) (expiry date (mm/dd/yy)) Commissioner of Oaths / Notary Public in and for: For ABSA Office Use Only: NOTES: To the best of my knowledge and belief, the application Technical meets the requirements of the Safety Codes Act and CSA Boilers and Standard B51, Part 1, Clause 4.2, and is accepted for Standards Pressure Vessels registration in Category and Safety Safety Program Authority REGISTERED Registered Date: C.R.N.: 0C22783.25 Expiry Date: Nov 28, 2032 Signed: Farmed wary Date: March 9, 2023. Signature: (Signature of the Administrator/SCO) The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Pressure Equipment Discipline



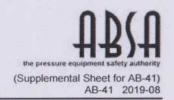


Table 1** Scope of Fitting Designs

essure aring / taining mponent	Material of Construction	Connections and Size Range	MDMT	At Ambient Temperature	At Maximum Temperature	Pressure Class(es) / Schedule(s)	Design Code(s) of Construction	Catalogue (pages) or	
					Temperature		Constituction		
tterfly lve body	As per Tab 1 of ASME B16.34	3" to 48" with wafer/lugged/ Flanged ends for Class 150; 3" to 24" with wafer/lugged/ flanged ends for Class 600	CI150# CI300# CI600#	ASME Class 150#/ 300# & 600#	As per ASME B16.34 tables	Class 150# Class 300# Class 600#	API 609Cat B ASME B16.34	PC.BFV. 012.00_R1	
	> OF. 11	e body of ASME	erfly e body As per Tab 1 of ASME B16.34 As per Tab 1 for Class 150; 3" to 24" with wafer/lugged/ flanged ends	As per Tab 1 of ASME B16.34 As per Tab 1 of ASME B16.34 Flanged ends for Class 150; 3" to 24" with wafer/lugged/ flanged ends	As per Tab 1 of ASME B16:34 As per Tab 1 of ASME B16:34 As per Tab 1 of ASME Class 150; 3" to 24" with wafer/lugged/ flanged ends	As per Tab 1 of ASME B16:34 As per Tab 1 of ASME B16:34 As per Tab 1 of ASME Class 150; 3" to 24" with wafer/lugged/flanged ends As per Tab 1 of ASME Class 150; 3" to 24" with wafer/lugged/flanged ends CI150# ASME Class 150# ASME Class 150# As per	As per Tab 1 of ASME B16.34 As per Tab 1 of ASME B16.34 Flanged ends for Class 150; 3" to 24" with wafer/lugged/ flanged ends Flanged ends CI150# CI300# ASME Class 150# Class 300# Class 300# Class 600#	As per Tab 1 of ASME B16.34 Flanged ends for Class 150; 3" to 24" with wafer/lugged/ flanged ends Cl600# Cl600# ASME Class As per ASME Class 300# Class 300# Class 300# Class 600# Cla	

Table 2 Additional Scope Information		
List/Attach Additional Detail and References (Product Configurations,	Options, Illustrations, etc.)	
Example:		
Series X Options	THIS IS DADT OF CON	
Series X Options Series 4 TriO in Class 150-600 Triple Offset Valves in wafer/lugged/an	nd flanged en pls	
	0C22783.25	
	Technical Standards and Safety Authority	
** For additional alternatives of Table 1, refer to Form AB-41a, Guid	de for Completing Form AB-41 Boilers and Pressure Vessels Safety Program	

Newfoundland and Labrador

Prince Edward Island Northwest Territories

New Brunswick Nunavut Nova Scotla Yukon

Manufacturers Name; DelVal Flow Controls Pvt. Ltd. Salara	
Manufacturers Address: Gal No.25, Kavathe Post-Javale, Tal Khandala Dist. Satara Pin-412801 in	dia
Plant Locations; Category of Fittings to be registered. Circle one Category only A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges (() Valves: all line valves	Title of the Stendard of Construction
D Expansion Joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure	API 609 & ASME B16,34
transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, plping and fusible plugs H Pressure reteining 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 DelVal*	Type of Construction Forged D Welded D Wrought D Cast M Other D Describe other:
List of supporting documentation and identification of the actual items to be registere	d:
C/S GA drawings of Series 4 TriO Product catalogue Instruction, Opn & Maint. Manual of Triple Offset Valve series 4 TriO	
Declaration: Bayindra Patil	intained in this form is true to the best of ials of construction, pressure temperature ner declare that the manufacture of these in occurs in whole or in part and has been is solemn declaration county.
Or Notary Public; (sign) Rep. 804.00 (sign) Gr. 0.905.304.00	
(Affix Official seal to the right)	
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Newfoundland and Labrador

Prince Edward Island

New Brunswick

Nova Scotia

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Manufacturers Add	dress: Gal No	.25, Kavathe Post	lavale, Tal Khanda	ala Dist. Satara Pin-412	2801 India	l	Marie Committee	
Plant Locations;								
A Pipe fittings, includir B Flanges: all flanges C Valves: all line valve	ng couplings, t	to be registered ees, elbows, Ys, plu	. Circle one Ca gs, unions, pipe c	ategory only aps, or reducers		Title of the S Constr		
D Expansion joints, fle E Strainers, fliters, sep	xible connection	team traps		es, levels, or pressure		API 609 & AS	SME B16.34	
	ssels, plping at	nd fusible plugs	-	er pressure protection o egodes	an			
N Nuclear components	s: Class 1 🗆	Class 2 Class 3	□ , (Meeting CN	ISC or ASME requireme	ents)			
Show Manufacture	rs Name, Tr	ademark, or Log	o as it will appe	ear on the product	0	Type of Co orged a Welded Cast s Other co Describe other:	D Wrought D	
DelVal*						300.000	PRESS	URE
List of supporting	documentat	lon and Identifie	tion of the cot	ual Items to be regi	Internal		ER C	TO SE
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Triple offset va	live series	4 TriO butterfly	valves				Date Dec.	16/99/
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Product catalo	gue n & Maint.	Manual of Trip	le Offset Valu	re series 4 TriO		D	wg. as des	
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L					-		10	
Declaration:						,	Pert Pert	55
Declaration: Ravindra Patil and responsibility for my knowledge repres ratings, and identifica	the musling of	(see note 3) empl	oyed by DelVal	Flow Controls Pvt. Ltd.	and t	eing the person ha	ving full outporty	ATTO
my knowledge repres	ents the proc	juct for which regi	stration is sough	nt. The dimensions,	material	s of construction, p	ressure temperature	9
fittings is regulated by verified by		· as hei	no suitable for t	hat numose and I ma	ake this			1
believing it to be true,	and knowing	that it is of the sa	ame force and e	ffect as it made units	er oath.			
Signature of Declarer	2	atra		The Charles	1 Past	,		1
Declared before me a	P. E. O.O.	Salara		自由	1 24			
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Or Notary Public; (sig			P.	Rog. No. 30	938 83	訓		
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New Brunswick

New Brunswick Nunavut	Nova Scotia Yukon	Prince Edward Island Northwest Territories	Newfoundland and Labrador		
			2801 India		
Plant Locations:					
A Pipe fittings, including of B Flanges: all flanges			Title of the Standard of Construction		
D Expansion joints, flexib E Strainers, filters, separa F Measuring devices, inci transmitters	ators, and steam traps luding pressure gauges, level g	auges, sight glasses, levels, or pressure			
boilers, pressure vesse	ls, piping and fusible plugs		on		
N Nuclear components:	Class 1 Class 2 Class 3	B □ , (Meeting CNSC or ASME requirem			
Show Manufacturers	Name, Trademark, or Log	o as it will appear on the product			
DelVal*			Cast Describe other UNSWICK		
List of supporting do	numantation and identific	ation of the natural items to be you	DEPT OF JUSTICE PUBLIC SAF	ETY	
			BOILER & PRESSURE VESSEL	ACT	
		valves	REGISTRATION ONLY		
Product catalogu	е		CRN OC 22 +83, 2	7	
instruction, Opn	& Maint. Manual of Trip	le Offset Valve series 4 TriO	ROLL		
			CHIEF POIL ED INSPIRATOR		
Declaration: Ravindra Patil	(see note 3) empl	oved by DelVal Flow Controls Pvt. Ltd			
my knowledge represent	quality of the end product of ts the product for which regi	do solemnly declare that the informa stration is sought. The dimensions,	ation contained in ItAS form is true to the best of or naterials of construction, pressure temperature	2/16/-	
fittings is regulated by a verified by	Quality Control Program wh	ich extends to each plant where fab	prication-occurs in whole or in part and has been		
	nd knowing that it is of the sa	ame force and effect as if made und	eroath.	BULLITO	
Signature of Declarer: _	State		THOCKEAN COMP	MENIS	
Declared before me at _	DFCPL Satara		AND THE STATE OF T		
This 01st day o	f December AD _	2022 V. Cilise	this space for t		
Commissioner of Oaths		Q reaharash	STRAI / C) >		
Or Notary Public: (sign)		# 120 Ex.03/03/2	and the first terminal and the second		
[M. R. C.	18. J		
0022783.2	This registration must be			F	
	-			•	
FID#:	70" CL150 to 600 C	·DN			
Notes: expires Nov.2	8th, 2032 (DGallant)	Northwest Territories			
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New Brunswick

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Nunavul	Yukon	Prince Edward Island Northwast Territories	Newfoundland and Labrador
Manufacturers Na	TIE: DelVal Flow Controls Pt	W. Ltd. Satura	
Manufacturers Add	ress: Gat No.25, Kavathe P	ost-Javale, Tal Khandala Diet, Salora Per-4121	BOT India
Plant Locations:			
A Pipe fillings, includin B Flanges; all llanges O Valves; all bis valve	g couplings, lees, elbows, Ya s	ered. Circle one Category only s. plugs, unions, pipe cape, or raducers	Title of the Standard of Construction
E Strainers, Riters, sec F Measuring devices, i transmitters G Certified capacity-rate		vel gauges, sight glasses, lavels, or pressure	API 609 & ASME B16.34
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Show Manufacturer	s Name, Trademark, or L	LOGO BE II will appear on the product	Type of Construction
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Prince Edward Island

Newfoundland and Labrador

New Brunswick

Nova Scotia

lunavut	Yukon	Northwest Territories		
Manufacturers Na	ne; DelVal Flow Controls Pvt. Ltd	d. Satara		
Manufacturers Add	iress: Gat No.25, Kavathe Post-	Javale, Tal Khandala Dist. Satara	Pin-412801 India	
Plant Locations:				
A Pipe fittings, includir B Flanges: all flanges D Valves: all line valve		gs, unions, pipe caps, or reducer		
 Strainers, filters, sep Measuring devices, transmitters 	xible connections, and hose asser parators, and steam traps including pressure gauges, level g and pressure relief devices accepte	auges, sight glasses, levels, or p		SME B16.34
boilers, pressure ves Pressure retaining of	sels, piping and fusible plugs omponents that do not fall into on	e of the above categories		
	s: Class 1 Class 2 Class 3 C			
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C/S GA drawir	igs of Series 4 TriO			
Product catalo	gue		- 1-	
Instruction, Op	n & Maint, Manual of Trip	le Offset Valve series 4	TriO	
	and knowing that it is of the sa	ame force and effect as if ma	and I make this solemn declaration declaration.	
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or Notary Public: (sig	n)		no.30199 (3)	
	(Affix Official seal to the rig	ht)	182 11 5	
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CRN: 0C22783	i his registration must be	revalidated after ten (30) years	ment the date of acceptance.	
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Manufacturi	ers Address: Ga	al Flow Controls Pvt. Lt. I No.25, Kavaihe Post-	d. Salara Javale, Tel Khandala	Diel. Salara Pin-412	501 India	
Plant Locati		ngs to be registered	Circle one Cate	gent call	Title of the Standard of	
A Pipe fittings B Flanges: all C Valves: all il	, including coupling flanges ine valves	gs, tees, elbows, Ys, plu	gs, unions, pipa caps	or reducers	Title of the Standard of Construction	
E Strainers, fi	lers, separators, ar levices, including p	actions, and hose asser nd steam traps ressure gauges, level g		levels, or pressure	API 609 & ASME B16.34	
G Certified cap bollers, pres	acity-rated pressur	re reilef devices accepts g and fusible plugs s that do not fall into one			n	
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New Brunswick Nunavut	Nova Scotia Yukon	Prince Edward Island Northwest Territories	Newfoundland and Labrador	
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Plant Locations:				
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E Strainers, filters, sepa F Measuring devices, in	ble connections, and hose ass rators, and steam traps cluding pressure gauges, level	emblies: all types gauges, sight glasses, levels, or press	API 609 & ASME B1	6.34
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Declared before me at.	DFCPL Satara	- ADV. SH	THAME!	公共
This 01st day of Commissioner of Oaths		2022 Y. GAU	Bestelle space for	
Or Notary Public: (sign)		RAMARA Rog. Die Roco: William	.20188 / 5 1	
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CRN: 0C22783.2	This registration must be	This part of Regulation Allsford, to be revail stand after len (10) Judic from	COUNTY OF THE PROPERTY OF THE	
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MA MANAGE	note some days, a not played.		Mob.No. 95275 52560	•



Suite 600 - 2889 E 12th Ave Vancouver, BC V5M 4T5

Toll Free: 1-866-566-7233 www.technicalsafetybc.ca

ALBERTA BOILERS SAFETY ASSOCIATION 9410 20 AVENUE NW EDMONTON AB T6N 0A4

Date: January 17, 2023

Account #: 34986 **Journal #:** 81960

Attn: KRISTINE TREPANIER

Re: Application for Design Registration

The design, as detailed in your, Delval Flow Controls Pvt It-2022-06435, for a Fitting is accepted for registration

as follows:

Registered To: DELVAL FLOW CONTROLS PVT CRN: 0C22783.21

LTD

Drawing #: PC.BFV.012.00 Drawing Revision: 1

This design was registered based on a technical review performed by the province of initial registration in accordance with the Association of Chief Inspectors policy on reciprocal recognition of design review.

Reviewer's Notes:

As required by CSA B51 4.2.1, this registration expires on 28-Nov-2022. This CRN is valid until the expiry date as long as the Manufacturer maintains a valid quality control program verified by an acceptable third-party agency until that date. Should the certification of the quality control program lapse before the expiry date, this registration shall become void. Any additional conditions of registration stated in ABSA CRN# 0C22783.2 registration shall apply to BC registration.

Contact me if you have any questions. The invoice for registration will be forwarded under separate cover.

Janina Mihailescu

janina.mihailescu@technicalsafetybc.ca Design Administration

cc:

(PROD) 30400-20 GST #: 87391 2802 RT0001



January 4, 2023

ABSA 9410 - 20 Avenue NW Edmonton, AB T6N 0A4

Dear Kristine Trepanier,

Re: Reciprocal CRN Registration in Manitoba

As indicated by the Regulatory Reconciliation and Cooperation Table and the Reconciliation Agreement for the Canadian Registration Number (CRN) for Pressure Equipment, the design reviews conducted and accepted by the Canadian province or territory, or their delegated safety authority, will be mutually recognized in the Province of Manitoba. If a registration is conditionally based on compliance with the notes set by the original issuing Jurisdiction, such compliance shall be applied the same to this Province.

Your submission has been registered, as follows:

File Number: 74-R2860 CRN: 0C22783.24

Scope: PC.BFV.012.00 Rev 1
Manufacturer: Delval Flow Controls Pvt It

Expiry Date: 28 November 2032

Along with this letter is the invoice for registration.

In addition, every vessel shall be stamp of the registration number and as required by CSA Code B51, a Manufacturer's Data Report (MDR) must be forwarded to this office immediately at the time a unit is shipped to Manitoba. Send your MDR to qasupport@gov.mb.ca. In your subject line, indicate "Manufacturer's Data Report-CRN No." A fee shall be billed to the Manufacturer to process data reports in accordance with the Steam and Pressure Plants Regulation section 17.1.

Please contact qasupport@gov.mb.ca for any questions or concerns.

Inspection and Technical Services

Labour, Consumer Protection and Government Services 508 – 401 York Avenue, Winnipeg, MB R3C 0P8 **T** (204) 945-3373 | **F** (204) 948-2089



Direction générale de l'inspection

Montréal, 26 janvier 2023.

MADAME KRISTINE TREPANIER **ABSA** 9410 - 20 AVENUE EDMONTON AB CANADA T6N 0A4

Fabricant: DELVAL FLOW CONTROLS PVT LTD.

GAT #25 KAVATHE, POST JAVALE,

TAL, KHANDAL, SATARA

INDIA 412801

Numéro de dossier : 946717

Numéro(s) de dessin(s): cat PC.BFV.012.00 Rev 1

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

Bonjour,

Nous vous informons que votre demande d'enregistrement de plans et devis a été traitée et que cette conception a été enregistrée sous le numéro d'enregistrement canadien (NEC\CRN) suivant: 0C22783.26.

Nous portons votre attention sur certaines exigences réglementaires concernant les installations sous pression, ainsi que des codes et normes qui y sont associés :

- Le fabricant doit maintenir un programme de contrôle de la qualité valide pour fabriquer un équipement selon ce NEC:
- Ce numéro d'enregistrement demeure valide tant et aussi longtemps que les paramètres de conception demeurent inchangés. Dans le cas d'accessoires, l'enregistrement est valide pour une durée de 10 ans à partir de la date d'enregistrement. Les documents de conception doivent alors être resoumis pour validation;
- Le fabricant doit nous transmettre une copie de la Déclaration de conformité du constructeur (Manufacturer's Data Report) pour chaque appareil ou chaudière fabriqué selon ce NEC dans les 30 jours suivant la signature de cette déclaration;
- Le numéro de dessin enregistré et le numéro de révision doivent être indiqués sur la déclaration de conformité pour les équipements fabriqués selon ce NEC.

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

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

545, boul. Crémazie Est, 7ième étage Montréal (Québec) H2M 2V2 Téléphone: 514 873-6459 Sans frais: 1866 262-2084

www.rbq.gouv.qc.ca



Montréal, le 26 janvier 2023.

MRS. KRISTINE TREPANIER ABSA 9410 - 20 AVENUE EDMONTON AB CANADA T6N 0A4

Manufacturer: DELVAL FLOW CONTROLS PVT LTD.

GAT #25 KAVATHE, POST JAVALE,

TAL. KHANDAL, SATARA

INDIA 412801

OUR REFERENCE: 946717

Design number: cat PC.BFV.012.00 Rev 1

Subject: Design registration confirmation

Hi,

We wish to inform you that your design registration application has been evaluated and that it was registered under the following Canadian Registration Number (CRN): 0C22783.26.

The following is a reminder of your obligations regarding certain requirements of the regulation respecting pressure vessels, and the referenced codes and standards:

- The manufacturer must maintain a valid quality control program to manufacture equipment according to the CRN.
- The CRN remains valid as long as there are no changes to the design calculations that might affect the pressure boundary. The design registration of fittings expires 10 years after acceptance. It must, therefore, be resubmitted for validation.
- The manufacturer shall submit a copy of the *Manufacturer's Data Report* to us for each equipment manufactured according to this CRN within 30 days following the signing of this report.
- The drawing number and the revision number registered under this CRN must be indicated on the *Manufacturer's Data Report* for equipment manufactured according to the CRN.

This notice of approval does not relieve the manufacturer of their responsibilities with respect to the design or fabrication of equipment manufactured according to this CRN.

Yours sincerely,

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

Montréal

www.rbq.gouv.qc.ca



Statutory Declaration Registration of Fittings

Building Act (B-1.1) Regulation respecting pressure vessels (B-1.1, r. 6.1) Boiler, pressure vessel, and pressure piping code (CSA B51)

This declaration must be filled out and sent to the Régie du bâtiment du Québec (RBQ) by pressure fitting manufacturers when they make an application registration for fittings.

For more information on the application registration for fittings, consult the www.rbq.gouv.go.go/fittings-pv

1. Fittings to register

List the fittings included in this declaration and that you wish to register.

Nº	Description		Additional information (detail, calculations or approval sheets)
1		25 11	See Scope of Fitting Designs ; Cat PC.BFV.012.00_R1
2		A STATE OF THE STA	Design Code of Construction ASME B16.34
3			. *1
4		1 Street	
5		2 1 42	F.:

2. Declaration of the person in charge

The person in charge is someone in a position of authority, such as a vice-president, a plant manager or a chief engineer.

2.1 Design		
I, the undersigned,	Kiran Haragapur	Vice President
E	(Name of the person in charge)	(Title of the person in charge)
from DelVal Flo	ow Controls Pvt. Ltd. , located at _C	Gat No.25, Kavathe, Post-Javale, Tal.Khandala, Satara-412801
	mpany's name)	(Plant's address)
hereby declare that	the above-mentioned fittings and subje-	ect to the Regulation respecting pressure installations:
		as to their dimensions, identification, material and purpose
are not severed	by the ANSI/ASME codes, but are in co	
are not covered	by the ANSI/ASME codes, but are in co	ompliance with(Name of code or standard)
	nd are designed according to the best cu	(Name of code or standard)
code or standard an	nd are designed according to the best cu	(Name of code or standard) urrent engineering practice, as proven by the enclosed approval report.
code or standard and and and and and and and and and an	quality control t the manufacture of these fittings is contact.	(Name of code or standard) urrent engineering practice, as proven by the enclosed approval report. trolled by a quality control program that complies with the requirements of the
code or standard an	nd are designed according to the best cu quality control	(Name of code or standard) urrent engineering practice, as proven by the enclosed approval report. trolled by a quality control program that complies with the requirements of the



Karthe tay baraly through

or to whom I know personally.

Date | 12/2021

Commissioner of

Oath











BEFORE ME

ADV. SHRIKANT V. CHAVAN MOTARY GOVT. OF INDIA DITE NO.20163 AREA HILANDALA (MAHARASHTRA) LUGE, NO. 95275 52550

3. Declaration of commissioner for oaths

I certify that this declaration has been administered before me, at Khandala (Location) (Date (yyyy-mm-dd)):

Signature of commissioner for oaths: Date (yyyy-mm-dd): 2022-12-01

Stamp the seal:

Registration confirmation (for RBQ's use only)

As far as I know, this application complies with the require	rements of the Act and with standard CSA B51, Part 1, section 4.2, and is
This registration expires in ten (10) years after the date o	f registration indicated above, and it must be validated again after this period.
Canadian registration number (CRN):	Registration date (yyyy-mm-dd):
:-	Régie du bâtiment Québec

Revue par la RBO

Documents to attach

Any application registration for fittings must include these documents:

- · Statutory Declaration Registration of Fittings (2 copies)
- Detailed calculations or burst test report (1 copy)
- · Detailed technical drawings or catalogues (2 copies)
- · Example of the manufacturer's marking (1 copy)
- · Proof that a valid and approved quality control program has been implemented (1 copy)
- Form Application for design registration (1 copy)

Sending the form

This declaration is mandatory in order to submit an application registration of fittings. Application registration for fittings must only be sent by mail to this address: Bureau d'expertise et d'homologation en équipements sous pression Régie du bâtiment du Québec 545, boulevard Crémazie Est, 7e étage Montréal (Québec) H2M 2V2



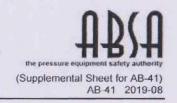


Table 1** Scope of Fitting Designs

Primary		Port	Rated Pressure		Reference			
Bearing / Retaining Component	Material of Construction	Connections and Size Range	MDMT	At Ambient Temperature	At Maximum Temperature	Pressure Class(es) / Schedule(s)	Code(s) of (pa	Catalogue (pages) or Drawing(s)
Butterfly Valve body	As per Tab 1 of ASME B16.34	3" to 48" with wafer/lugged/ Flanged ends for Class 150; 3" to 24" with wafer/lugged/ flanged ends for Class 600	CI150# CI300# CI600#	ASME Class 150#/ 300# & 600#	As per ASME B16.34 tables	Class 150# Class 300# Class 600#	API 609Cat B ASME B16.34	PC.BFV. 012.00_R1
	Pressure Bearing / Retaining Component Butterfly	Pressure Bearing / Retaining Component Material of Construction As per Tab 1 of ASME	Pressure Bearing / Retaining Component Material of Construction Connections and Size Range 3" to 48" with wafer/lugged/ Flanged ends for Class 150; 3" to 24" with wafer/lugged/ flanged ends	Pressure Bearing / Retaining Component Material of Construction Connections and Size Range MDMT 3" to 48" with wafer/lugged/ Flanged ends for Class 150; 3" to 24" with wafer/lugged/ flanged ends CI300# CI600#	Pressure Bearing / Retaining Component Material of Construction Momon At Ambient Temperature 3" to 48" with wafer/lugged/ Flanged ends for Class 150; 3" to 24" with wafer/lugged/ flanged ends 150#/ 300# & 600#	Pressure Bearing / Retaining Component Material of Construction Momman At Ambient Temperature At Maximum Temperature At Maximum Temperature At Maximum Temperature At Maximum Temperature Cliso# Class 150#/ Class 150#/ 3" to 24" with wafer/lugged/ flanged ends for Class 150; 3" to 24" with wafer/lugged/ flanged ends flanged ends Cliso# C	Pressure Bearing / Retaining Component Material of Construction At Ambient Temperature At Maximum Temperature Pressure Class(es) / Schedule(s) As per Tab 1 of ASME B16.34 As per ASME Class 150# Class 150# Class 600# Class 600# Class 600#	Pressure Bearing / Retaining Component Material of Construction Momon At Ambient Temperature At Maximum Temperature Pressure Class(es) / Schedule(s) Code(s) of Construction As per Tab 1 of ASME B16.34 As per Tab 1 of ASME Class for Class 150; 3" to 24" with wafer/lugged/flanged ends Class 150# Class 300# Class 300# Class 600# As per ASME B16.34 tables Class 600# As per ASME Class 150# Class 300# Class 600# Class 600# Api 609Cat B ASME B16.34 tables Class 600# Class 600# Class 600# Class 600# Api 609Cat B ASME B16.34

Table 2 Additional Scope Information

List/Attach Additional Detail and References (Product Configurations, Options, Illustrations, etc.)

Example:

Series X Options

Series 4 TriO in Class 150-600 Triple Offset Valves in wafer/lugged/and flanged ends

** For additional alternatives of Table 1, refer to Form AB-41a, Guide for Completing Form AB-41



Fitting Design

Design Submission Requirements

Any person who intends to manufacture a fitting for use in Saskatchewan in connection with any boiler, pressure vessel, or pressure piping system shall apply for registration of the fitting unless otherwise provided in the regulations (described below). A fitting means a valve, gauge, regulating or controlling device, flange, pipe fitting, nozzle, or thing that is attached to or forms part of a boiler, pressure vessel, or pressure piping system. The submissions for registration shall include:

- a completed "<u>Application for Fitting Design Registration (http://www.tsask.ca/public/images/TSK-1014 2017 Fitting Design Registration FINAL.pdf)</u>" form for each design; and
- one "<u>Statutory Declaration Form (http://www.tsask.ca/uploads/File/PDFs/2013%20Fee% 20Increase%20Forms%20BPV/TSK1008%20Statutory%20Declaration-Oct29.pdf)</u>" completed by the manufacturer for each design;
- the design details (drawings, brochures, catalogues, etc. as appropriate) 1 set;
- send additional set if you require a stamped copy returned to you (additional fee applicable)
- one set of calculations or reports in support of the design (where applicable);
- proof of registration in another Canadian jurisdiction (if applicable);

The design details, specifications, and other information submitted should show enough detail to demonstrate that the design will conform to the code or standard specified in the statutory declaration and that the manufacturer conforms to a quality control program as required by the CSA B51 code.

For applicable fees please refer to the fee schedule located in the left hand menu.

Submissions for registration can be made to Technical Safety Authority of Saskatchewan at the following address:

Technical Safety Authority of Saskatchewan 2202 2nd Ave.
REGINA SK S4R 1K3

Please Note - We are currently unable to accept Designs submitted by fax or other electronic means (email), however we are working hard to accomodate online application and payment in the future!

Notes

Design registration will be denoted by the Canadian Registration Number (CRN) assigned to the design. Any number of units may be made to one registered design, unless the code or regulations change to invalidate the registered design or unless the registration limits the number of units that may be built to the design. Registrations of fittings shall be resubmitted for validation ten years after the date of first acceptance.

Please Note - It is not necessary that the drawings be stamped by a registered Professional Engineer unless the code or design reviewer requires such stamping.

Exemptions from Registration Requirements of Fittings

A fitting is not required to be registered in Saskatchewan pursuant to The Boiler and Pressure Vessel Act if:

It is registered by CSA (Contact: Janet Townsend)

CSA International 178 Rexdale Boulevard Toronto, ON M9W 1R3 Ph: 416.747.4291

Fax: 416.401.6795

Email: janet.townsend@csagroup.org; or

It is a category A, B, C, or G fitting, as set out in the CSA B51 code

For more information contact:

Boiler & Pressure Vessel Safety

Ph: 306.798.7111

Toll-free: 1.866.530.8599

Fax: 306.787.9273