

Canadian Registration Numbers: Ashcroft Diaphragm Seals



1.0 **Document Revision**

	REVISIONS								
Rev	Description	DATE	ВҮ						
-	INITIAL RELEASE	11/17/2020	JMP						

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Ashcroft Diaphragm Seals - CRN Ontario (TSSA)



345 Carlingview Drive Toronto, Ontario M9W 6N9 Tel.: 416.734.3300 Fax: 416.231 1626 Toll Free: 1 877.682.8772

www.tssa.org

February 13, 2019

TYLER BESSETTE ASHCROFT INC. 250 E MAIN STREET STRATFORD CT 06614 US

Service Request Type: BPV-Fitting Registration

Service Request No.: 2505646

Your Reference No.: CSA B51 PARA. 4.2.8 (C) RENEWAL

Registered to: ASHCROFT INC.

Dear TYLER BESSETTE,

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

CRN No.: 0F12994.5R3

Main Design No.: CRN Renewal R3: Diaphragm Seals Type DFE, DF, 702, 703, 740 & 741; 510/511,

310, 315, 311/312 (see the attachment to the Statutory Declaration Form for the

scope of registration.)

Expiry Date: 13-Feb-2029

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

The stamped copy of the approved registration and the invoice are mailed separately. 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/

Mark Valcic P. Eng. Engineer Specialist BPV Tel.: 416-734-3494

Fax: 416-231-1626 Email: mvalcic@tssa.org STATUTORY DECLARATION



Technical Standards and Safety Authority 345 Carlingview Drive Toronto, Ontario M9W 6N9 www.tssa.org Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below



,	ed, Quality Assurance Manager	Object Constraint
	(Name and Position, e.g. President, Plant Manag	ger, Chief Engineer)
of Ashcroft,		
	(Name of Manufacturer)	
Located at	250 Main Street, Stratford, CT, USA	
	(Plant Address)	(Telephone No.) (Fax No.)
and Pr	emnly declare that the fittings listed hereunder, which are subject essure Vessels Regulation, comply with all of the requirements ME B31.3; ASME B40.2	
which s	(Title of recognized North American State specifies the dimensions, materials of construction, pressure/temperator	
	not covered by the provisions of a recognized North American state as supported by the attached data re/temperature ratings and the basis for such ratings, the marking	a which identifies the dimensions, material of construction
I further decla	re that the manufacture of these fittings is controlled by a quality swhich has been verified by the following authority, Lioyd's Re	system meeting the requirements of ISO 9001:2008 gister Quality Assurance, Inc.
	ered by this declaration, for which I seek registration, are category F	type fittings. In support o
	, the following information and/or test data are attached as follows: DFE; DF; Type 702, 703, & 740, 741; Type 510/511; Type 310, 31	15; Type 311/312
	(drawings, calculations, test reports	s, etc.)
Declared bef	ore me at Stratford in the S	state of Connecticu
the <u> </u>	day of January AD 20 19.	
Commission	er for Oaths:	
Seane	(Printed name) (Signature)	(Signature of Declarer)
	FOR OFFICE USE ON	
	my knowledge and belief, the application meets the requirements of	D
	ndards and Safety Act, Boilers and Pressure Vessels Regulation,	and Safety Ressure vesses Authority afety Program
	B51 and is accepted for registration in Category	REGISTERE!
CRN:	Maguela Ca Drac	0F199915R
Registered by	to 12 0-10	C.R IV
Dated:	1 FE 0 12 1 1019	Signed Signed
Jaleu.	FFB 13, 6029	Date: / TED 19 1 WIT

NASHCROFTING.

250 East Main Street, Stratford, CT, USA 06614. Tel 203.378.8281. Fax 203.385.0408.

MAWP-02

Ashcroft Diaphragm	Size (in) (1)	Diaphragm Material (4)	Bottom Housing Material (4)		MAWP at amb (psi or ASME B16.5		(3) Maximum Design (psi or ASME B16.5		(DSI OF ASME BID 5 Class #) (3)		Codes of Construction
Seal Type		Material (4)	Material (4)	Seal A	Seal B	Seal B Seal C Temperature 1 (F)	Seal A	Seal B	Seal C	Construction	
100, 101,	1/4, 1/2,		Metallic	1250			750	730			
104, 107 105	3/4, 1, 1.5 3, 4		PVC or Kynar	200			74, 125, 150	200, 125, 80 (2)			
102, 103	1/2, 3/4, 1, 1.5, 2, 3	Metallic	Metallic	150#			750	150#			
102, 103	1, 1.5, 2		Teflon	290			150	270			
	1, 1.5, 2		PVC or Kynar	75			100	75			
		Metallic				1250	750			730	ASME B31
200, 201,		Teflon	Metallic			1250	400			875	
200, 201, 204, 207,		Viton	Wetanic			500	350			365	
204, 207,	3, 4	Kalrez				500	212			425	ASME B31
205	3, 4	Metallic				200	74, 125, 150			200, 125, 80 (2)]
		Nonmetallic				200	74, 125, 150			200, 125, 80 (2)	
		Metallic				150#, 300#, 600#	750			150#, 300#, 600#	ASME B1
	1/2, 3/4, 1,	Teflon	Metallic			150#	400				1
	1.5, 2, 3	Viton	Metanic				350			150#	ACME D-11
000 000		Kalrez					212				ASME Boile
202, 203	1, 1.5, 2	Metallic	Teflon			290	150			270	Pressure
		Nonmetallic	I ellon			290	150			270	Vessel Co
		Metallic	PVC or Kynar			200	74, 125, 150			200, 125, 80 (2)	
		Nonmetallic	PVC or Kyriai			75	100			75	1
		Teflon				1250	400			875	CSA C22
300, 301,	1/4, 1/2,	Viton	Metallic			500	350			365	61010-1
304	3/4, 1, 1.5	Kalrez				500	212			425	ANNEX
		Nonmetallic	PVC or Kynar			200	74, 125, 150			200, 125, 80 (2)	
	1/2, 3/4, 1,	Teflon					400				1
	1.5, 2, 3	Viton	Metallic			150#	350			150#	
302, 303	1.5, 2, 3	Kalrez					212				
	150	Nonmetallic	Teflon			290	150			270	1
	1.5, 2	Nonmetallic	PVC or Kynar			75	100			75	
500, 501	1/4, 1/2,	-			500				290		
400, 401	3/4, 1	Matallia	Matallia		4400		750		2580		CSA C22
402, 403	1/2, 3/4, 1, 1.5, 2, 3	Metallic	Metallic		150#, 300#, 600#		750		150#, 300#, 600#		61010-1 ANNEX (

Notes:

Types 104, 204, and 304 not available in 1.5". Types 107 and 207 also available in 2". (consult factory). Only Type 105, 205 available in 3" and 4" (1)

Maximum Allowable Working Pressure (MAWP) at respective Maximum Design Temperature. (consult factory)

(2) Seal A - Threaded capsule diaphragm; Seal B - Welded and clamped or welded only diaphragm; Seal C - Bonded/Welded and Clamped or Clamped only diaphragm;

(4) Nickel constructions excluded. Metallic materials UNS S31603 equivalent or stronger are qualified under this CRN registration. (consult factory)





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

www.tssa.org

April 03, 2019

TYLER BESSETTE ASHCROFT INC. 250 E MAIN STREET STRATFORD CT 06614 US

Service Request Type: BPV-Fitting Registration

Service Request No.: 2547830

Your Reference No.: CSA B51 PARA. 4.2.8 (C) RENEWAL

Registered to: ASHCROFT INC.

Dear TYLER BESSETTE,

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

CRN No.: 0F12994.5ADD4

Main Design No.: ADD4: The original scope sheet dated December 4, 2014 added only (see the

attachment to the Statutory Declaration Form.)

Expiry Date: 13-Feb-2029

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

The stamped copy of the approved registration and the invoice are mailed separately. 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,

Mark Valcic P. Eng. Engineer Specialist BPV Tel.: 416-734-3494

Fax: 416-231-1626 Email: mvalcic@tssa.org -



Technical Standards and Safety Authority 345 Carlingview Drive Toronto, Ontario M9W 6N9 www.tssa.org Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below



STATUTORY DE	CLARATION					
Registration of	f Fittings					
Philip Reed, Quality Assurance Manager						
(Name and Position, e.g. President, Plant Me	anager, Chief Engineer)					
of Ashcroft, Inc.						
(Name of Manufacture)	r)					
Located at 250 Main Street, Stratford, CT, USA						
(Plant Address)	(Telephone No.)	(Fax No.)				
do solemnly declare that the fittings listed hereunder, which are sub and Pressure Vessels Regulation, comply with all of the requireme CSA B51, ASME BPV Code Section VIII Division 1, ASME B31.3,	ents of					
(Title of recognized North American						
which specifies the dimensions, materials of construction, pressure/tempe	rature ratings, identification marking	the fittings and service;				
or are not covered by the provisions of a recognized North American as supported by the attached of pressure/temperature ratings and the basis for such ratings, the mark	data which identifies the dimension	s, material of construction,				
I further declare that the manufacture of these fittings is controlled by a qualiful which has been verified by the following authority, Lioyd's I	Register Quality Assurance, Inc.					
The items covered by this declaration, for which I seek registration, are category _	F	type fittings. In support of				
this application, the following information and/or test data are attached as follows: PRP01-DS-001, Rev 1; MAWP-02; SR-ADS-01; PRP-ADS-0						
(drawings, calculations, test rep	orts, etc.)					
Declared before me at Stratford in the	state .	of Connecticut				
the day of January AD 20 19.						
Commissioner for Oaths:						
Jeanette Bednarz (Printed name) Scantte Bedheuz (Signature)	(Signature of Do	eglarer)				
FOR OFFICE USE O	ONLY Technical					
To the best of my knowledge and belief, the application meets the requirements	s of the Standards	Boilers and				
Technical Standards and Safety Act, Boilers and Pressure Vessels Regulation, and And Safety Act, Boilers and Pressure Vessels Regulation, and Safety Authority Safety Program						
CSA Standard B51 and is a septed for registration in Category		baroty i rogram				
CRN: 0F/2994.5A00A	REC	STERE				
Registered by: MARW VALGO, P. ENG	C.R.N.:	774.7/1004				
Dated: APRIL 3, Co 19	Signed:	212 ANA				
NOTE: This registration expires on: FEB 13, 2029	Date: //17/	4L) w/				

*Information provided in this application is releasable under the Freedom of Information and Privacy
Protection Act and may be disclosed upon request.

PLATIACHMENT FOR THE SCOPE OF REGISTRATION (NO. 4M)



Scope of Registration Summary - Diaphragm Seals

Product	Туре	Process Connection Size (in) [1]	Design Pressure (psi) [2]	Design Temp. (°F) [2]	Weakest Housing & Diaphragm Material [4, 5]	Code of Construction	
310		1/8, 1/4, 3/8, 1/2, 3/4, 1 male 1/4, 3/8, 1/2 female	2500				
315		1/4, 3/8, 1/2 female					
311	All welded	1/4, 1/2, 3/4, 1 male or female	1000		316L		
312		1/4, 1/2 female					
510 511		1/2 male	1500 or 5000		UNS S31603	ASME B31.3	
702			ASME				
703	Flanged	1/2, 3/4, 1, 1 1/2, 2, 3	B16.5 150# to 600#	-70 to 750			
740	Thusadad	1/4 1/2 2/4 1	750				
741	Threaded	1/4, 1/2, 3/4, 1	750				
DF	Welded flanged	2, 3, 4	ASME B16.5 150# to 2500#		Diaphragm & Flange: 316L UNS		
DFE	Welded flanged with internal diaphragm	1, 1 1/2	ASME B16.5 150# to 300#		S31603 Hub: 316Ti UNS S31635		

NOTES

- [1] Except for flanged models, connections are NPT type per ASME B1.20.1.
- [2] Design pressure given at 100°F, for de-ratings see B16.5. Minimum design temperature limited by fill fluid.
- [3] Models 315, 312, 511, 703, 741 supplied with flushing connection.

The undersigned hereby declares that that above is accurate and representative,

Name: Jeremy M. Payne

Title: Materials and Testing Eng. Manager

Signature:

Date: December 4th, 2014

THIS IS PART OF CRNoF1994.54WA
Technical Standards & Safety Authority Boilers & Pressure Vessels
Safety Program

Wall Mar. 3





STATUTORY DECLARATION Registration of Fittings							
weller whom or rithings							
I, Phillip Reed Quality Assurance Manager (Name and Position, e.g. President, Plant Manager, Chief Engineer)							
Of Ashcroft Inc. (Name of Manufacturer)							
Located at _ 250 East Main Street, Stratford, CT, 06614, United States							
(Plant Address) (Telephone No.) (Fax No.)							
do solemnly declare that the fittings listed hereunder, which are subject to the <i>Technical Standards and Safety Act</i> , Boilers and Pressure Vessels Regulation, comply with all of the requirements of							
(Title of recognized North American Standard) which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;							
or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with ASME B31.3;Sec VIII, Div.1 as supported by the attached data which identifies the dimensions, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.							
I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of							
Declared before me at Stratford in the Steele of Connecticut							
the 10 day of July AD 20 19.							
Commissioner for Oaths:							
Jeanette Bednarz (Printed name) Jeanette Bednarz (Signature) (Signature of Declarer)							
FOR OFFICE USE ONLY To the best of my knowledge and belief, the application meets the requirements of the Technical Standards and Safety Act, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category Technical Standards and Pressure Vessels Regulation, and Standards and Safety Authority Safety Program							
CRN: OF12994.5ADDS REGISTERED							
Registered by: A Nu C.R.N.: 0 F1299 4. SADDS							
Dated: Jan 30, 2020 Date: Jan 30, 2020							
NOTE: This registration expires on: Teb 13, 2029 AN							

*Information provided in this application is releasable under the Freedom of Information and Privacy Protection Act and may be disclosed upon request.

PV 09553 (04/17) ADDITION OF 1" AND 13" OF PRODUCT MODEL OF ONLY
SEE SCOPE OF REGISTRATION SUMMARY ASHCROFT - DS-REV D



Scope of Registration Summary ASHCROFT-DS-REV.0

Model	Process Connection size	Constructed Material	Design Pressure (psi)	Design Temp. (°F)	Drawings	Codes of Construction
Diaphragm Seal Type DF	1", 1 1/2"	316/316L	ASME B16.5 Cl. 150 to 2500		B073I029-02	ASME B31.3
1777	1", 1 1/2"	316/316L	ASME B16.5 C	1. 150 to 2500	B073I029-02	AS



ASHCROFT-DS-REV.0 Page 1 of 1



Ashcroft Diaphragm Seals - CRN Alberta (ABSA)



9410 - 20 Ave N.W.

Edmonton, Alberta, Canada T6N 0A4

Tel: (780) 437-9100 / Fax: (780) 437-7787

May 22, 2019

Attention: Tyler Bessette

ASHCROFT INC

250 EAST MAIN STREET STRATFORD, CT 06614

The design submission, tracking number 2019-03139, originally received on May 03, 2019 was surveyed and accepted for registration as follows:

CRN:

0F12994.52

Accepted on: May 22, 2019

Reg Type:

RENEWAL

Expiry Date: February 13, 2029

Drawing No. : SCOPE ATTACHED TO STATUTORY DECLARATION FORMS

Fitting type: DIAPHRAGM SEALS (PACKAGE DCR01-DS-001 REV. 0)

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

As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction are ASME B31.1, ASME B31.3, SECTION VIII, DIV. 1 and other engineering analysis.

- 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 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 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.

Enclosed are stamped prints for your reference.

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/perio

DOP Cert. No. D00003136





STATUTORY DECLARATION Registration of Fittings

i, F	Philip Reed	. Quality Ass	urance Manager	NASHCROFT
_	(name of applicant)	(position title) (mus	at be in a position of authority)	
of	Ashcroft, Inc			
		(name of manufacturer)		
loca	ted at 250 Main Street, Stratfo			
do o	solemnly declare that the fittings	(plant address)	are subject to the Safety	Codes Act
	eck one)	CSA B51, ASME BP		Codes Act
	comply with the requiremen	ASME B31.3, ASME 61010-1 (title of recognized North	which	specifies the dimensions,
	materials of construction, p	ressure/temperature rati	ngs and identification ma	rking of the fittings, or
	are not covered by the prov	isions of a recognized No	orth American standard a	nd are therefore manufactured
	to comply with		a	s supported by the attached
	(title of	code of construction or other ap	pplicable document)	
	data which identifies the din	nensions, materials of co	nstruction, pressure/temp	perature ratings and the basis
	for such ratings, and the ma	arking of the fittings for id	entification.	
I fur	ther declare that the manufactu	ure of these fittings is cor	ntrolled by a quality contro	l program which has been
verif	fied by the following authority, L	RQA Inc. Houston	as being suitat	ole for the manufacture of these
fittin	gs to the stated standard. The	fittings covered by this d	declaration, for which I see	ek registration, are
Ca	ategory F			
ln ci	upport of this application, the fo	(brief description of fittings		are attached:
			ulations and/or test data a	ire attached.
	PRP01-DS-001, Rev. 1; MAWP-0	12		
DEC	CLARED before me at Stron	ford in the st	ate of C	onnecticut (province or state)
this	day of J	anuary, 20	019 (Year)	1
(pri	nt) <u>TeaneHe Bed</u> (a Commissioner of Oaths or N		P	01 //
(sigr	Deall Hold	draiz	- Huff (of applicant)
For	ABSA Office Use Only:	3 1	Latter for the comments	
NOT		See Acceptance I and/or condi	Letter for the comments tions of registration.	
	he best of my knowledge and b	soliof the application may	ata the requirements of th	a Safati Cadaa Aat and CSA
Stan	ndard B51, Clause 4.2, and is a	accepted for registration in 299452	n Category	
Regi	istration Number:	333 T. U.	- Fau	MACHENYLEVIE
Date	Registered:	2 2 2019	(Signature of Expiry Date:	the Administrator/SCO) FE6 · 13 2029

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.

SASHCROFTING.

250 East Main Street, Stratford, CT, USA 06614. Tel 203.378.8281. Fax 203.385.0408.

MAWP-02

Ashcroft Diaphragm	Size (in) (1)	(1) Diaphragm Bottom Housing Material (4) Material (4)	phragm Bottom Housing (psi or ASME B16.5 cla			(psi or ASME B16.5 class #) (3)			MAWP at Maximum Design Temperature (psi or ASME B16.5 class #) (3)		Codes of Construction
Seal Type		ivialeriai (4)	Material (4)	Seal A	Seal B	Seal C	Temperature T (°F)	Seal A	Seal B	Seal C	Construction
100, 101,	1/4, 1/2,		Metallic	1250			750	730			
104, 107 105	3/4, 1, 1.5 3, 4		PVC or Kynar	200			74, 125, 150	200, 125, 80 (2)			
102, 103	1/2, 3/4, 1, 1.5, 2, 3	Metallic	Metallic	150#			750	150#			
102, 103	1, 1.5, 2		Teflon	290			150	270			
	1, 1.5, 2		PVC or Kynar	75			100	75			
		Metallic				1250	750			730	ASME B31.1
200, 201,	1/4, 1/2,	Teflon	Metallic			1250	400			875	
200, 201, 204, 207,		Viton	Meranc			500	350			365	
204, 207,	3/4, 1, 1.5	Kalrez				500	212			425	ASME B31.3
203	3, 4	Metallic PVC or Kynar			200	74, 125, 150			200, 125, 80 (2)		
		Nonmetallic	FVC of Ryllar			200	74, 125, 150			200, 125, 80 (2)	
		Metallic				150#, 300#, 600#	750			150#, 300#, 600#	ASME B16.5
	1/2, 3/4, 1,	Teflon	Metallic				400				
	1.5, 2, 3	Viton	Metallic			150#	350			150#	
202, 203		Kalrez					212				ASME Boiler &
202, 203		Metallic	Teflon			290	150			270	Pressure
	1, 1.5, 2	Nonmetallic	Telloll			290	150			270	Vessel Code
	1, 1.5, 2	Metallic	PVC or Kynar			200	74, 125, 150			200, 125, 80 (2)	
		Nonmetallic	FVC OI Nyllai			75	100			75	
		Teflon				1250	400			875	CSA C22.2
300, 301,	1/4, 1/2,	Viton	Metallic			500	350			365	61010-1
304	3/4, 1, 1.5	Kalrez				500	212			425	ANNEX G
		Nonmetallic	PVC or Kynar			200	74, 125, 150			200, 125, 80 (2)	
	1/2, 3/4, 1,	Teflon					400				
	1.5, 2, 3	Viton	Metallic			150#	350			150#	- 4
302, 303	1.0, 2, 3	Kalrez					212			i in	П
	1.5, 2	Nonmetallic	Teflon			290	150		1	270)+(
		Nonmetallic	PVC or Kynar			75	100		OAFFTY	CODES ACT - P	DOM/105 0
500, 501	1/4, 1/2,				500				290 EIY	YOUES ACT - P	HOVINGE O
400, 401	3/4, 1	Metallic	Metallic		4400		750		2580		CSA C22.2
402, 403	1/2, 3/4, 1, 1.5, 2, 3	Metanic	iviolatiic		150#, 300#, 600#		7.50		150#, 300#, 600#	GISTRATION	ANNEX G

Notes:

Types 104, 204, and 304 not available in 1.5". Types 107 and 207 also available in 2". (consult factory). Only Type 105, 205 available in 3" and 4 (1)

(2) Maximum Allowable Working Pressure (MAWP) at respective Maximum Design Temperature. (consult factory)

Seal A - Threaded capsule diaphragm; Seal B - Welded and clamped or welded only diaphragm; Seal C - Bonded/Welded and Clamped or Clamped only diaphragm (consult Nickel constructions excluded. Metallic materials LINS \$31503 acritical across the constructions of the construction of th (3)

(4) Nickel constructions excluded. Metallic materials UNS S31603 equivalent or stronger are qualified under this CRN registration. (consult factory)

Date ZANA RADISAVLJEVIC. DESIGN SURVEYOR

See Acceptance Letter for the comments and/or conditions of registration.





STATUTORY DECLARATION Registration of Fittings

I, Philip F	Reed	, Quality Assurance Manager	ASTICHULI
	(name of applicant)	(position title) (must be in a position of authority)	
of Ashcr			
		me of manufacturer)	
located at	250 Main Street, Stratford, C	(plant address)	
do solemr (check on	nly declare that the fittings list	ed hereunder, which are subject to the Safety	Codes Act
⊠ coi	mply with the requirements of	ASME B31.3, ASME B40.1 which (title of recognized North American Standard)	specifies the dimensions,
ma	aterials of construction, press	ure/temperature ratings and identification ma	rking of the fittings, or
are	e not covered by the provision	s of a recognized North American standard a	and are therefore manufactured
to	comply with		as supported by the attached
		of construction or other applicable document)	
dai	ta which identifies the dimens	ions, materials of construction, pressure/tem	perature ratings and the basis
for	such ratings, and the marking	g of the fittings for identification.	
		f these fittings is controlled by a quality control	nl program which has been
	4		
	the following authority, LRQ		ble for the manufacture of these
fittings to	the stated standard. The fittir	ngs covered by this declaration, for which I se	ek registration, are
Categor	νF		
		(brief description of fittings)	
In support	t of this application, the follow	ing information, calculations and/or test data	are attached:
Catalo	ogues: DFE; DF; Type 702, 703	, & 740, 741; Type 510/511; Type 310, 315; Type	311/312
DECLARE	ED before me at Strott(o	ord in the state of C	onnecticut (province or state)
this	day of <u>Jan</u>	Month) 2019	
$\mathcal{C}_{\text{(Ininq)}}$	eane He Bed no (a Commissioner of Oaths or Notary	Public)	7.1
(sign)	(a Commissioner of Oaths or Notary	Public (signature	e of applicavit)
For ABSA	A Office Use Only:	See Acceptance Letter for the comments	-
NOTES:	. cç.	and/or conditions of registration.	
	et of my knowledge and heliof	the application mosts the requirements of the	as Safaty Codes Ast and CSA
		f, the application meets the requirements of the oten for registration in Category	
	on Number: 0 F 1 2 9	994.52 Faur	f the Administrator/SCO)
Date Regi	stered: MAY 2 2	1 0040	6 · 13 20 29

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.



Scope of Registration Summary - Diaphragm Seals

Product	Туре	Process Connection Size (in) [1]	Design Pressure (psi) [2]	Design Temp. (°F) [2]	Weakest Housing & Diaphragm Material [4, 5]	Code of Construction
310		1/8, 1/4, 3/8, 1/2, 3/4, 1 male 1/4, 3/8, 1/2 female	2500			
315		1/4, 3/8, 1/2 female			316L UNS S31603 ASME Diaphragm & Flange: 316L UNS	ASME B31.3
311	All welded	1/4, 1/2, 3/4, 1 male or female	1000			
312		1/4, 1/2 female				
510		1/2 male	1500 or			
511		1/2 male	5000			
702			ASME			
703	Flanged	1/2, 3/4, 1, 1 1/2, 2, 3	B16.5 150# to 600#	-70 to 750		
740	Thursdad	1/4 1/2 2/4 1	750			
741	Threaded	1/4, 1/2, 3/4, 1	750			
DF	Welded flanged	2, 3, 4	ASME B16.5 150# to 2500#			
DFE	Welded flanged with internal diaphragm	1, 1 1/2	ASME B16.5 150# to 300#		S31603 Hub: 316Ti UNS S31635	

NOTES

[1]	Except for flanged models, conn	ections are NPT type per	ASME B1 20.1.
[2]		for de-ratings see B16.5	Minimum design lemperature limited
	by fill fluid.		ויין פרוד
[3]			AFETY GODES ACT - PROVINCE OF ALBERTA
			REGISTRATION OF FITTINGS
	The undersigned hereby declare	es that that above is accur	REGISTRATION OF FITTINGS rate and representative 9 9 4 5
		RE	EGISTRATION NO. U F 1 2 3 3 4 . U
	Name: Jeremy M. Payne	Title: Materials and	Testing Eng. Manager WG. NO. or CAT. NO
		1	

Date: December 4492014TINGS Diaphagm

ZANA RADISAVLJEVIC, DESIGN SURVEYOR

80415

Signature: _



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

101. (100) 401-9100 / 1 ax. (10

January 28, 2020

Attention: Phil Reed ASHCROFT INC 250 EAST MAIN STREET STRATFORD, CT 06614

The design submission, tracking number 2019-06848, originally received on October 07, 2019 was surveyed and accepted for registration as follows:

CRN:

0F20415.2

Accepted on: January 28, 2020

Reg Type:

NEW DESIGN

Expiry Date: January 28, 2030

Drawing No.: SCOPE OF REGISTRATION SUMMARY: ASHCROFT-DS-REV.1

Fitting type: DIAPHRAGM SEAL TYPE DF: SIZE 1NPS & 1.5NPS

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

As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction is ASME B31.3.

- 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 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 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 3337 or fax (780) 437-7787 or e-mail Dick@absa.ca.

Sincerely,

DICK, ASHLING, P. Eng.

DOP Cert. No. D00007936





STATUTORY DECLARATION

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

ı	Phillip Reed	Quality Assurance Manager		NASHCRO
	(name of applicant)	(position title) (must be in a position	of authority)	
of <u>/</u>	Ashcroft Inc.			
		(name of manufacturer)		
loca	ted at 250 East Main Stre	et, Stratford, CT, 06614, United Stat	es	
		(plant address)		
do s	olemnly declare that the fittin	gs listed hereunder, which are subject to	the Safety	y Codes Act
	ect only one)			
	comply with the requireme	nts of	which	specifies the dimensions,
_		(title of recognized North American Stand		op wom our amount of the s
	materials of construction,	pressure/temperature ratings and ident	ification ma	arking of the fittings, or
	are not covered by the pro	visions of a recognized North American	standard a	and are therefore
	manufactured to comply w	ith ASME B31.3;Sec VIII, Div.1		as supported by the
		(title of code of construction or other applicab	le document)	
	attached data which identi	fies the dimensions, materials of constru	uction, pres	ssure/temperature ratings
	and the basis for such rati	ngs, and the identification marking of the	e fittings.	

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified as described in the below Table as being suitable for the manufacturing of these fittings to the stated standard, regulation, code, guideline or other applicable document. The fittings covered by the declaration for which I seek registration are as provided in the Supplementary 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	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address
1.	Diaphragm Seal- DF/ 1", 1 1/2"	ISO 9001:2015	Design and Manufacture of Pressure and Temperature Calibration and Measurement Equipment. Distribution of Pressure and Temperature	31 January 2021	Lioyd's Register Quality Assurance, Inc.	250 East Main Street, Stratford, CT, 06614, United States
2.	·		Measurement Equipment Sourced Globally.			





In support of this application, the following information, calculations and/or	test data are attached:
Per Scope of Summary ASHCROFT-DS-REV.0	
,	
(Signature of the Declarer)	7=10-19 (Date)
this 10 day of July , 2019	of Connecticut (province, territory, or state)
(month) (Year) (print) <u>Jeanette Bednarz</u> (a Commissioner of Oaths or Notary Public)	
(sign) <u>Clauttle Budden</u> (a Commissioner of Oaths or Notary Public)	Jeanette Bednarz Notary Public, State of Connecticut My Commission Expires 7/31/24
(expiry date (mm/dd/yy))	£
Commissioner of Oaths / Notary Public in and for:	emlory, or state)
For ABSA Office Use Only: NOTES: * ASHCKOFT-DS-REV. registered	
To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Part 1, Clause 4.2, and is accepted for registration in Category .	
CRN: 0F 2 0 4 1 5 . 2	
Registered Date: JAN 28 2020	
Expiry Date: Jan 28 2030	
Signature: (Signature of the Administrator/SCO)	·
(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	



The protestive equipment safety authority (Supplemental Sheet for AB-41) AB-41 2019-08

Table 1** Scope of Fitting Designs

.4 (*

	Primary Pressure Bearing / Retaining Component Material of Construction	Port		Rated Pressure				Reference
Item #		Connections and Size Range	MDMT	At Ambient Temperature	At Maximum Temperature	Pressure Class(es) / Schedule(s)	Design Code(s) of Construction	Catalogue (pages) or Drawing(s)
								i

Please See Table 1-A (Alternative of Table 1)

Table 2 Additional Scope Information	
List/Attach Additional Detail and References (Product Configurations, Options, Illustrations, etc.)	
Example:	
Series X Options	

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



250 Main Street, Stratford, CT 06614-5145, USA

Table 1-A: Scope of Registration Summary ASHCROFT-DS-REV.1

Model	Process Connection size	Diaphragm Material	Flange Material	Design Pressure (psi)	Design Temp. (°F)	Drawings	Codes of Construction
Diaphragm Seal Type DF	1", 1 1/2"	316 SS, Monel 400, Tantalum, Hastelloy C-276	316L	ASME B16.5 C	I. 150 to 2500	B073I029-02	ASME B31.3

SAFETY CODES ACT - PROVINCE OF ALBERTA REGISTRATION OF FITTINGS	·
DWG. NO. OF CAT. NO. Scape Summary: AS	HCROFT-DS-RFI/ 1
JAN 28 2020 INITIALS T. M. (ASHLING) DICK, RENG DESIGN SURVEY ENGINEER	e PF: Site IMPS + 1.5NP;



Ashcroft Diaphragm Seals - CRN Quebec (RBQ)



Direction générale de l'inspection

Montréal, 22 Mai 2019

MR. TYLER BESSETTE ASHCROFT INC. 250 East Main Street Standford CONNECTICUT USA 06614

Manufacturer: ASHCROFT INC.

250 East Main Street

Standford CONNECTICUT

USA 06614

Our reference: 952642

Design number: See SOR-Diaphragm Seals and SOR-MAWP-02

Subject: Registration of designs - Confirmation of approval

Dear Sir, 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): **0F12994.56.**

We bring your attention this requirement of the regulation respecting pressure vessels, 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



Direction générale de l'inspection

Montréal, 22 Mai 2019

MR. TYLER BESSETTE ASHCROFT INC. 250 East Main Street Standford CONNECTICUT USA 06614

Fabricant: ASHCROFT INC.

250 East Main Street

Standford CONNECTICUT

USA 06614

Numéro de dossier: 952642

Numéro de dessin : See SOR-Diaphragm Seals and SOR-MAWP-02

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

Monsieur,

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): **0F12994.56.**

Nous portons à votre attention cette exigence applicable à la règlementation sur les appareils 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

N.B. Translation of this communication below.



Statutory Declaration Registration of Fittings

(a)	Design Qualification
11	Philip Reed
	(Name of applicant)
	Quality Assurance Manager (Position eg, president, plant manager, chief eng.)
of	Ashcroft, Inc.
0,	(name of company)
Loc	cated at 250 Main Street, Stratford, CT, USA
	(plant address)
do	solemnly declare that the fittings listed hereunder, which are subject to the Boilers & Pressure Vessels Act:
⊠ Or	comply with all the requirements of the ANSI/ASME codes as to their dimensions, material, identification & service for which are required: CSA B51, ASME BPV Code Section VIII Division 1, ASME B31.3, ASME B31.1, CSA C22.2 61010-1
	are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply withcode and standard, and are designed to the best current engineering practice, as shown by the supporting test data.
(b)	Quality control of Manufacture
Qua	rther declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of SO9001:2015, and has been verified by the following authority or authorized agencyLioyd's Register ality Assurance, Inc e fittings ² covered by this declaration, for which I seek registration, are Category F
	support of the application, the following information, calculations and/or test data are attached: RP01-DS-001, Rev 1; MAWP-02
Dec	clared before me at Stratford
In ti	he of Steete of Connecticut
The	
	For Official Use Only
a	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.
R	registered Number GRN 1 2 9 9 4 • 56 For the Chief Inspector Date MAY 2 1 2019

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.



Statutory Declaration Registration of Fittings

(a)	Design Qualification
l ¹	Philip Reed
	(Name of applicant)
	Quality Assurance Manager (Position eq. president, plant manager, chief eng.)
of _	Ashcroft, Inc.
	(name of company)
Loca	ated at 250 Main Street, Stratford, CT, USA (plant address)
do s	olemnly 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: ASME B31.3, ASME B40.2
Or	
	are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply withcode and standard, and are designed to the best current engineering practice, as shown by the supporting test data.
(b)	Quality control of Manufacture
. ,	
IS	ther declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of 609001:2015, and has been verified by the following authority or authorized agencyLioyd's Register lity Assurance, Inc
The	fittings ² covered by this declaration, for which I seek registration, are Category F
In su	upport of the application, the following information, calculations and/or test data are attached: datalogues: DFE; DF; Type702, 703, & 740, 741; Type 510/511; Type 310, 315; Type 311/312
Decl	lared before me at Stratford
	e of State of Connaticut
The	4 day of January AD 2019
1	A (commissioner for oaths) Signature of Declarer ³
	For Official Use Only
	ne application is accepted for registration in Category in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51.
Th	is registration must be revalidated after ten (10) years from the date of acceptance.
Re	egistered Number CRN 2994.56 For the Chief Inspector Date MAY 2 1 2019

¹ Three completed copied of Statutory Declaration form together with three copies of Catalogs, drawings of Bulletins illustrating above fittings shall be submitted.

All fittings are required to be registered in the name of the Manufacturer.

This form shall be completed and signed by the president of highest official in the manufacturing plan where the fitting is produced.



Scope of Registration Summary - Diaphragm Seals

Product	Туре	Process Connection Size (in) [1]	Design Pressure (psi) [2]	Design Temp. (°F) [2]	Weakest Housing & Diaphragm Material [4, 5]	Code of Construction
310		1/8, 1/4, 3/8, 1/2, 3/4, 1 male 1/4, 3/8, 1/2 female	2500		QUÉB ENREGI	STRE
315		1/4, 3/8, 1/2 female		NE	OF	12994. 56
311	All welded	1/4, 1/2, 3/4, 1 male or female	1000		TE: MAY 2	
312		1/4, 1/2 female			UNS S31603 2994. 5	
510		1/2 male	1500 or			4 50
511		1/2 male	5000	-		
702			ASME () F 1	299	4.56
703	Flanged	1/2, 3/4, 1, 1 1/2, 2, 3	B16.5 150# to 600#	-70 to 750		ASME B31.3
740	Threaded	1/4 1/2 2/4 1	750			
741	Inreaded	1/4, 1/2, 3/4, 1	/50			1.0
DF	Welded flanged	2, 3, 4	ASME B16.5 150# to 2500#		Diaphragm & Flange: 316L UNS	
DFE	Welded flanged with internal diaphragm	1, 1 1/2	ASME B16.5 150# to 300#		S31603 Hub: 316Ti UNS S31635	

NOTES

- [1] Except for flanged models, connections are NPT type per ASME B1.20.1.
- [2] Design pressure given at 100°F, for de-ratings see B16.5. Minimum design temperature limited by fill fluid.
- [3] Models 315, 312, 511, 703, 741 supplied with flushing connection.

The undersigned hereby declares that that above is accurate and representative,

Name: Jeremy M. Payne

Title: Materials and Testing Eng. Manager

Signature: 19 Mt2

Date: December 4th, 2014

NASHCROFTING.

250 East Main Street, Stratford, CT, USA 06614. Tel 203.378.8281. Fax 203.385.0408.

MAWP-02

Ashcroft Diaphragm Seal Type	Size (in) (1)	Diaphragm Material (4)	Bottom Housing Material (4)	MAWP at ambient (psi or ASME B16.5 class #) (3)		Maximum Design		MAWP at Maximum Design Temperature (psi or ASME B16.5 class #) (3)			
				Seal A	Seal B	Seal C	Temperature T (°F)	Seal A	Seal B	Seal C	Construction
100, 101,	1/4, 1/2,		Metallic	1250			750	730	000.2	000.0	
104, 107 105	07 3/4, 1, 1.5	Metallic	PVC or Kynar	200			74, 125, 150	200, 125, 80 (2)			
102, 103	1/2, 3/4, 1, 1.5, 2, 3		Metallic	150#			750	150#			
	1, 1.5, 2		Teflon	290			150	270			
			PVC or Kynar	75			100	75			
	4/4.4/0	Metallic				1250	750			730	ASME B31.1 ASME B31.3
200 201		Teflon				1250	400			875	
200, 201,	1/4, 1/2,	Viton	Metallic			500	350			365	
204, 207, 205	3/4, 1, 1.5	Kalrez				500	212			425	
205	3, 4	Metallic	PVC or Kynar			200	74, 125, 150			200, 125, 80 (2)	
		Nonmetallic				200	74, 125, 150			200, 125, 80 (2)	
	1/2, 3/4, 1, 1.5, 2, 3	Metallic	Metallic			150#, 300#, 600#	750			150#, 300#, 600#	ASME B1
		Teflon				150#	400			150#	ASME Boiler
		Viton					350				
000 000		Kairez					212				
202, 203	1, 1.5, 2	Metallic	Teflon -			290	450			270	Pressure
		Nonmetallic				290	150			270	Vessel Code
		Metallic	PVC or Kynar			200	74, 125, 150			200, 125, 80 (2)	1
		Nonmetallic				75	100			75	
300, 301,	1/4, 1/2, 3/4, 1, 1.5	Teflon				1250	400			875	CSA C22
		Viton	Metallic			500	350			365	61010-1 ANNEX G
304		Kalrez				500	212			425	
		Nonmetallic	PVC or Kynar			200	74, 125, 150			200, 125, 80 (2)	1
	1/2, 3/4, 1, 1.5, 2, 3	Teflon	Metallic				400			150#	1
		Viton				150#	350				
302, 303		Kalrez					212				
	1.5, 2	Nonmetallic	Teflon			290	150			270	1
		Nonmetallic	PVC or Kynar			75	100			75	1
500, 501	1/4, 1/2,				500				290		
400, 401	3/4, 1		Metallic		4400				2580		CSA C2
402, 403	1/2, 3/4, 1, 1.5, 2, 3		Metallic		150#, 300#, 600#		750		150#, 300#, 600#		61010-1 ANNEX C

Notes:

Types 104, 204, and 304 not available in 1.5". Types 107 and 207 also available in 2". (consult factory). Only Type 105, 205 available in 3" and 4"

(2) Maximum Allowable Working Pressure (MAWP) at respective Maximum Design Temperature. (consult factory)

OUÉBEC Seal A - Threaded capsule diaphragm; Seal B - Welded and clamped or welded only diaphragm; Seal C - Bonded/Welded and Clamped or Clamped only diaphragm; Seal C - Bonded/Welded and Clamped or Clamped only diaphragm; Seal C - Bonded/Welded and Clamped or Clamped only diaphragm; Seal C - Bonded/Welded and Clamped or Clamped only diaphragm; Seal C - Bonded/Welded and Clamped or Clamped only diaphragm; Seal C - Bonded/Welded and Clamped or Clamped only diaphragm; Seal C - Bonded/Welded and Clamped or Clamped only diaphragm; Seal C - Bonded/Welded and Clamped or Clamped only diaphragm; Seal C - Bonded/Welded and Clam (3)

Nickel constructions excluded. Metallic materials UNS S31603 equivalent or stronger are qualified under this CRN registration. (consult factory)

NEC (CRN): 0 + 129 94.56

DATE: MAY 2 1 2019

OF 12994.56



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.qc.ca/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	Per Scope of Summary ASHCROFT-DS-REV.0	
2		
3		
4		
5		

2. Declaration of the person in charge

(Name of code)

Signature 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 undersign	ned F	Phillip Reed		Quality Assurance Manager			
i, and andoroigi		he person in charge)	(Title of the person in charge)				
from	Ashcroft Inc.		250 Main Street, Stratford, CT 06614-5145, USA				
	(Company's name)			(Plant's address)			
or	n the requirements of the ered by the ANSI/ASME			ASME B31.3;Sec VIII, Div.1 (Name of code or standard)			
code or standa	rd and are designed acc	ording to the best curre	ent engineerin	g practice, as proven by the enclosed approval report.			
2.2 Manufactu	ring quality control						
I further declare	e that the manufacture of	these fittings is contro	lled by a quali	y control program that complies with the requirements of the			
following code:	ISO 9001:2015	, and has been verifi		Lioyd's Register Quality Assurance, Inc.			

Date (yyyy-mm-dd):

(Authorized agency)

2019-07-19

3. Declaration of commissioner for oaths

4. Registration confirmation (for RBQ's use only)

As far as I know, this application complies with the require accepted for registration in the class		-
Canadian registration number (CRN): QUÉBEC ENREGISTRÉ NEC (CRN): OF 05103.6 DEC 17 2019	Registration date (yyyy-mm-dd):	DEC 1 7 2019
SEE ATTACHMENT FOR SCOPE OF REASHCROFT - D.	S-REV. I	

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, 7º étage

Montréal (Québec) H2M 2V2



Scope of Registration Summary ASHCROFT-DS-REV.1

Model	Process Connection size	Diaphragm Material	Flange Material	Design Pressure (psi)	Design Temp. (°F)	Drawings	Codes of Construction
Diaphragm Seal Type DF	1", 1 1/2"	316 SS, Monel 400, Tantalum, Hastelloy C-276	316L	ASME B16.5 C	1. 150 to 2500	B073I029-02	ASME B31.3

QUÉBEC ENREGISTRÉ RN): OF 05 103.6 DEC 17 2019 NEC (CRN):_ DATE:

Page 1 of 1 ASHCROFT-DS-REV.1



Ashcroft Diaphragm Seals – CRN Manitoba



74-1108

July 16, 2019

ASHCROFT INC. 250 EAST MAIN ST. STRATFORD, CT 06614



Attn: Tyler Bessette

Re: Reciprocal CRN Registration in Manitoba

Your application indicates that a CRN has been received in another Canadian Jurisdiction, and therefore your CRN has been registered in Manitoba as follows:

File Number: 39982 CRN: 0F12994.54

Scope: See Stamped "This is Part of CRN" for Scope Dated December 4, 2014.

Manufacturer: ASHCROFT INC.

Please find attached invoice for registration.

As indicated by the Regulatory Reconciliation and Cooperation Table and the Reconciliation Agreement for the Canadian Registration Number (CRN) for Pressure Equipment, a CRN issued in any Canadian Jurisdiction will be accepted for use in Manitoba.

In accordance with Steam and Pressure Plants Regulation and CSA B51, it is the manufacturer's responsibility to file a Manufacturers Data Report, including partial data reports, with our office, prior to shipping pressure equipment to Manitoba.

Please contact me directly via email at Cheryl.Lashek@gov.mb.ca for any questions or concerns.

Cheryl Lashek, P.Eng
Director, ITSM
Inspection and Technical Services
Office of the Fire Commissioner
508 - 401 York Avenue, Winnipeg Manitoba R3C 0P8
T (204) 945-3507 | F (204) 948-2309



7/3/2020

Ashcroft Inc. 250 East Main Street Stratford, CT 06614 USA

Dear Jeremy Payne

Re: Reciprocal CRN Registration in Manitoba

Your application indicates that a CRN has been received in another Canadian Jurisdiction, and therefore your CRN has been registered in Manitoba as follows:

File Number: 74-R596 CRN: 0F12994.54

Scope: SOR: ASHCROFT-DS-REV.1

Manufacturer: Ashcroft Inc. Expiry Date: 13/Feb/29

Please find attached invoice for registration.

As indicated by the Regulatory Reconciliation and Cooperation Table and the Reconciliation Agreement for the Canadian Registration Number (CRN) for Pressure Equipment, a CRN issued in any Canadian Jurisdiction will be accepted for use in Manitoba.

In accordance with Steam and Pressure Plants Regulation and CSA B51, it is the manufacturer's responsibility to file a Manufacturers Data Report, including partial data reports, with our office, prior to shipping pressure equipment to Manitoba.

Please contact me directly via email at Cheryl.Lashek@gov.mb.ca for any questions or concerns.

Cheryl Lashek, P.Eng
Director, ITSM
Inspection and Technical Services
Office of the Fire Commissioner
508 - 401 York Avenue, Winnipeg Manitoba R3C 0P8
T (204) 945-3507 | F (204) 948-2309



Ashcroft Diaphragm Seals - CRN Saskatchewan



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

REGISTRATION OF A PRESSURE FITTING DESIGN

11-Jun-19

Ashcroft Inc. 250 East Main Street Standford, CT, USA 06614

Attention: Tyler Bessette File Number: 11139 [0 F]

Re: Manufacturer:

Ashcroft Inc.

Item: Diaphragm Seal

Catalog or Drawing: SOR-Diaphragm Seals and SOR-MAWP-02

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:

OF12994.53

Expiry Date: February 13, 2029

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,

Liting (Frank) Huang, Engineer-in-Training

Codes and Standards Compliance

Remarks:

CRN registered under reciprocal agreement.



330 - 1855 Victoria Avenue

Regina, SK S4P 3T2 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)

			15K-1008
I. E	Declaration Information		
1	Philip Reed		In this space, show facsimile of
1,	Quality Assurance Manager	2.7	' manufacturer's logo or trademark as it will
	Quality Assurance Manager (company title, e.g. vice president, plant	manager chief angineer)	OUGDOET
	(must be in a position of authority in the manufacturi	ing plant where the fitting is produ	ASHCROFT
of:	Ashcroft, Inc.		1011011011
	(name of manuf	facturer)	
loca	ted at: 250 Main Street, Stratford, CT, USA		
	(Plant Address – Apt/Street)	(City,Prov)	(Postal Code)
	olemnly declare that the fittings listed here	einunder, which are subject to the <i>Sas</i>	katchewan Boiler and Pressure
ves	sel Safety Act (check one)	B51, ASME BPV Code Section VIII Division 1,	
0	Comply with the requirements of		ich specifies the dimensions,
	(title of Materials of construction, pressure / tem	of recognized North American Standard)	arking of the fittings or
_			
O	Are not covered by the provisions of a re	ecognized North American standard a	and are therefore manufactured
	to comply with		as supported by the attached
	data which identifies the dimensions, ma	aterials of construction, pressure / ten	perature ratings and the basis
	for such ratings, and the marking of the	fittings for identification.	Technical Safety Authority
I fur	her declare that the manufacturer of these	e fittings is controlled by a quality control	rol program which has been wan
verif	ied by the following authority, Lioyd's Registe	er Quality Assurance, Inc. as be	ing suitable for the manufacturer
	ese fittings to the stated standard. The fitt		
Cate	gory F		CRN. 0.F12994.53
ln si	upport of this application, the following info	rmation, calculations and / or test data	(11) 0
0.	pport of the approach in the following into	matori, oaloalationo ana , or toot date	
PR	P01-DS-001, Rev 1; MAWP-02		REGISTERED
	0. 50 001, 100 1, 100 101		Date
Me	**-		June.11.2019
II I	Declaration Declaration		Design Sunray Office
	STATES OF THE PERSON NAMED IN COLUMN 1 IN COLUMN 1 IN COLUMN 2		
DEC	LARED before me at Stratturd	In the State	of Connecticut
this	4 day of January	, 20/9	1
	Philip A. Read	AMM (N
(p	rint mame)	(Signature)	
	bantill Pland	12	
(9)	gnature of Commissioner of Oaths)		
	Office Use Only		
	e best of my knowledge and belief, the applicat	tion meets the requirements of the Bailer	and Pressure Vessel Safaty Act and
CSA	B51, Clause 4.2, and is accepted for registration	on in Category F	and Fressure vesser salety Act and
	0F12994.53	June. 11. 2019	Feb. 13 2029
(R	egistration Number)	(Date Registered – MM DD YYYY)	(Expiry Date – MM DD YYYY)
		(For the Administrator / Chief Inspector)	



330 – 1855 Victoria Avenue Regina, SK S4P 3T2

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)

				TSK-10
Declara	ation Information			
Philip Ree	d			In this space, show facsimile of
Quality As	surance Manager		_	manufacturer's logo or trademark as it wi
(must t	be in a position of authority in the mar	nt, plant manager, chief engineer) nufacturing plant where the fitting is prod	du A	SHCROFT
	(name	of manufacturer)		
cated at:	250 Main Street, Stratford, CT, US	Α		
	(Plant Address – Apt/Street)		,Prov)	(Postal Code)
	declare that the fittings liste	d hereinunder, which are subj	ect to the Saska	tchewan Boiler and Pressure
Comp	oly with the requirements of	ASME B31.3, ASME B40.2	which	specifies the dimensions,
		(title of recognized North American S	tandard)	
Mater	rials of construction, pressur	e / temperature ratings and id	entification marki	ng of the fittings, or
O Are no	ot covered by the provisions	of a recognized North Americ	can standard and	are therefore manufactured
to con	nply with		a	as supported by the attached
		ons, materials of construction,		
		of the fittings for identification		
				Technical Safety Authority
		f these fittings is controlled by		I Bonel & F.V. Salety Office
erified by th	ne following authority, Lioyd	's Register Quality Assurance, Inc.	as being	suitable for the manufacturer
	ngs to the stated standard.	The fittings covered by this de	claration, for which	
Category F				CRN 0 F (2994.5)
support of	f this application, the followir	ng information, calculations ar	nd / or test data a	re attached: [1139
		40, 741; Type 510/511; Type 310, 3		REGISTERED
				Date
				Design Survey Office
. Declar	ation			
ECLARED.	before me at Strattu	In the Start	P	of Connecticut
11	1		210/	of confidence
is 4	day of Janu	ary . 2	019/	
	Philip A. Kl	ed	MANU	M
(print name)		(S	ignature	
(200	a 10the Total	Mais		
(Signature of	Commissioner of Oaths)	0		
Office	Hoo Only			
	Use Only			
o the best of	my knowledge and belief, the ause 4.2, and is accepted for re	application meets the requirement	its of the Boiler an	d Pressure Vessel Safety Act and
on do I, Cla	OFiz994.53		113.0	El 17 :== C
(Pagistentian	the total control of the total		2.11.2019	Teb. 15. 2027
(Registration	Number)	(Date Registered – I	MM DD YYYY) /	(Expiry Date – MM DD YYYY)



Scope of Registration Summary - Diaphragm Seals

Product	Туре	Process Connection Size (in) [1]	Design Pressure (psi) [2]	Design Temp. (°F) [2]	Weakest Housing & Diaphragm Material [4, 5]	Code of Construction
310		1/8, 1/4, 3/8, 1/2, 3/4, 1 male 1/4, 3/8, 1/2 female	2500			
315		1/4, 3/8, 1/2 female				
311	All welded	1/4, 1/2, 3/4, 1 male or female	1000		316L	
312		1/4, 1/2 female				
510 511		1/2 male	1500 or 5000		UNS S31603	
702			ASME	1		
703	Flanged	1/2, 3/4, 1, 1 1/2, 2, 3	B16.5 150# to 600#	-70 to 750		ASME B31.3
740	T1	1/4 1/2 2/4 1	750			
741	Threaded	1/4, 1/2, 3/4, 1	750			
DF	Welded flanged	2, 3, 4	ASME B16.5 150# to 2500#		Diaphragm & Flange: 316L UNS	
DFE	Welded flanged with internal diaphragm	1, 1 1/2	ASME B16.5 150# to 300#		S31603 Hub: 316Ti UNS S31635	

NOTES

- [1] Except for flanged models, connections are NPT type per ASME B1.20.1.
- [2] Design pressure given at 100°F, for de-ratings see B16.5. Minimum design temperature limited
- [3]

by fill fluid.		
Models 315, 312, 511, 703, 741 sup	oplied with flushing connection.	
The undersigned hereby declares to	hat that above is accurate and represent	of Saskatchewan
Name: Jeremy M. Payne	Title: Materials and Testing Eng. Mana	Boiler & P.V. Safety Unit
Signature:	Date: December 4th, 2014	CRN 0F12994.53
-		File
		REGISTERED
		Date
Sheet 1 of 1		Design Survey Office

NASHCROFTing.

250 East Main Street, Stratford, CT, USA 06614. Tel 203.378.8281. Fax 203.385.0408.

MAWP-02

Ashcroft Diaphragm	Size (in) (1)	Diaphragm	Bottom Housing		MAWP at amb (psi or ASME B16.5 of		Maximum Design		Maximum Design Te or ASME B16.5 class		Codes of
Seal Type		Material (4)	Material (4)	Seal A	Seal B	Seal C	Temperature T (°F)	Seal A	Seal B	Seal C	Construction
100, 101,	1/4, 1/2,		Metallic	1250			750	730			
104, 107 105	3/4, 1, 1.5 3, 4		PVC or Kynar	200			74, 125, 150	200, 125, 80 (2)			
102, 103	1/2, 3/4, 1, 1.5, 2, 3	Metallic	Metallic	150#			750	150#			
102, 103	1, 1.5, 2		Teflon	290			150	270			
	1, 1.0, 2		PVC or Kynar	75			100	75			
		Metallic				1250	750			730	ASME B31.1
200, 201,	1/4, 1/2,	Teflon	Metallic			1250	400			875	
204, 207,	3/4, 1, 1.5	Viton	ivietanic			500	350			365	1015 0010
204, 207,	3, 4	Kalrez				500	212			425	ASME B31.3
203	3, 4	Metallic	PVC or Kynar			200	74, 125, 150			200, 125, 80 (2)	
		Nonmetallic	F V C OI Ryllai			200	74, 125, 150			200, 125, 80 (2)]
		Metallic				150#, 300#, 600#	750			150#, 300#, 600#	ASME B16.5
	1/2, 3/4, 1,	Teflon					400				
	1.5, 2, 3	Viton	Wetalko			150#	350			150#	
202, 203		Kalrez					212				ASME Boiler &
202, 203		Metallic	Teflon			290	150			270	Pressure
	1, 1.5, 2	Nonmetallic	renon			290	150			270	Vessel Code
	1, 1.5, 2	Metallic	PVC or Kynar			200	74, 125, 150			200, 125, 80 (2)	
		Nonmetallic	FVC of Ryllar			75	100			75	
		Teflon				1250	400			875	CSA C22.2
300, 301,	1/4, 1/2,	Viton	Metallic			500	350			365	61010-1
304	3/4, 1, 1.5	Kalrez				500	212			425	ANNEX G
		Nonmetallic	PVC or Kynar			200	74, 125, 150			200, 125, 80 (2)	1 1
	1/2, 3/4, 1,	Teflon					400]
		Viton	Metallic			150#	350			150#	1
302, 303	1.5, 2, 3	Kalrez					212				1
	450	Nonmetallic	Teflon			290	150			270	1
	1.5, 2	Nonmetallic	PVC or Kynar			75	100			75	
500, 501	1/4, 1/2,				500				290		
400, 401	3/4, 1	Manallic	Matallia		4400		750		2580		CSA C22.2
402, 403	1/2, 3/4, 1, 1.5, 2, 3	Metallic	Metallic		150#, 300#, 600#		750		150#, 300#, 600#		Technical Sa ANNEX Gsk

Notes:

Types 104, 204, and 304 not available in 1.5". Types 107 and 207 also available in 2". (consult factory). Only Type 105, 205 available in 3" and 4" (1)

Maximum Allowable Working Pressure (MAWP) at respective Maximum Design Temperature. (consult factory) (2)

Seal A - Threaded capsule diaphragm; Seal B - Welded and clamped or welded only diaphragm; Seal C - Bonded/Welded and Clamped or Clamped only diaphragm (consult factory) (3)

(4) Nickel constructions excluded. Metallic materials UNS S31603 equivalent or stronger are qualified under this CRN registration. (consult factory)



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

REGISTRATION OF A PRESSURE FITTING DESIGN

14-Nov-19

Ashcroft Inc. 250 East Main Street Standford, CT, USA 06614

Attention: Phil Reed File Number: 11264 [0 F]

Re: Manufacturer:

Ashcroft, Inc.

Item:

Diaphragm Seal Type DF

Catalog or Drawing: Scope of Registration Summary ASHCROFT-DS-Rev. 1

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:

0F1969.3

Expiry Date: November 14, 2029

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,

Williams Uju, P.Eng.

Codes and Standards Compliance

Remarks:

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



O comply with the requirements of

to comply with ASME B31.3:Sec VIII. Div.1

Per Scope of Summary ASHCROFT-DS-REV.0

Boiler & Pressure Vessel Safety 330 - 1855 Victoria Avenue REGINA, SK S4P 3T2

Ph: 306-787-1443 Fax: 306-787-9273 LIB-1008 Registration of Fittin (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) (name of manufacturer) located at 250 East Main Street, Stratford, CT, 06614, United States (plant address) do solemnly declare that the fittings listed hereinunder, which are subject to the Saskatchewan Boiler and Pressure Vessel Safety Act (check one) which specifies the dimensions, (title of recognized North American Standard) materials of construction, pressure / temperature ratings and identification marking of the fittings, or of are not covered by the provisions of a recognized North American standard and are therefore manufactured 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 as being suitable for the manufacturer verified by the following authority, Lioyd's Register Quality Assurance, Inc. of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are In support of this application, the following information, calculations and / or test data are attached: in the State Connectaco DECLARED before me at Strong + forced (Signature of Applicant)

For Office Use Only

F

(print)

(sign)

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

(A Commissioner of Oaths)

Registration Number:	
Date Registered:	
(For the Administrator / Chief Inspector)	

Expiry Date:



250 Main Street, Stratford, CT 06614-5145, USA

Scope of Registration Summary ASHCROFT-DS-REV.1

Model	Process Connection size	Diaphragm Material	Flange Material	Design Pressure (psi)	Design Temp. (°F)	Drawings	Codes of Construction
Diaphragm Seal Type DF	1", 1 1/2"	316 SS, Monel 400, Tantalum, Hastelloy C-276	316L	ASME B16.5 C	Cl. 150 to 2500	B073I029-02	ASME B31.3

Technical Safety Authority of Saskatchewan
Boller & R.V. Safety Unit

CON DF 1969-3

Itls 1.1264

REGISTERED
Date NOV. 14,2019

ASHCROFT-DS-REV.1 Page 1 of 1



Ashcroft Diaphragm Seals - CRN British Columbia





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

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

ASHCROFT INC 250 MAIN STREET E STRATFORD CT 6614 USA **Date:** May 27, 2019 **Account #:** 59005

Journal #: 73326

Attn: TYLER BESSETTE

Re: Application for Design Registration

The design, as detailed in your, DRW: Scope of Registration, for a Fitting is accepted for registration as follows:

Registered To: ASHCROFT INC CRN: 0F12994.51

Drawing #: Scope of Registration **Drawing Revision:** N/A

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 13-Feb-2029. 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 TSSA CRN# 0F12994.5ADD4 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





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

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

ASHCROFT INC 250 MAIN STREET E STRATFORD CT 6614 USA Date: November 7, 2019

Account #: 59005 **Journal #:** 74527

Attn: PHIL REED

Re: Application for Design Registration

The design, as detailed in your, Scope of Registration, for a Fitting is accepted for registration as follows:

Registered To: ASHCROFT INC CRN: 0F12994.51

Drawing #: Scope of Registration **Drawing Revision:** N/A

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 13-Feb-2029. 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 TSSA CRN# 0F12994.5ADD4 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



Ashcroft Diaphragm Seals - CRN New Brunswick

X NOVA SCOTIA

X NEW BRUNSWICK

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

X PRINCE EDWARD ISLAND

X NEWFOUNDLAND AND LABRADOR

NUNAVUI	X YURON X NORT	INVEST TERRITORIES	
MANUFACTURERS NAME:	Ashcroft, Inc.		
MANUFACTURERS ADDRESS	250 Main Street, Stratford, CT, USA		
PLANT LOCATIONS:	250 Main Street, Stratford, CT, USA		
	NGS TO BE REGISTERED. CIRCLE		TITLE OF THE STANDARD OF CONSTRUCTION
B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible cont E Strainers, fifters, separators, a Measuring devices, including pressure transmitters G Certified capacity-rated press boilers, pressure vessets, pip	pressure gauges, level gauges, sight gle ure refief devices acceptable as primary	s asses, levels, or over pressure protection on	ASME B31.3 ASME B40.2
N Nuclear components: Class 1	☐ Class 2 ☐ Class 3 ☐. (Meeting C	NSC or ASME requirements)	
	ASHCROF		TYPE OF CONSTRUCTION FORGED 19 WELDED 10 WROUGHT 10 CAST D OTHER 10 DESCRIBE OTHER IMAChined
IST OF SUPPORTING DOCUM	ENTATION AND IDENTIFICATION OF	THE ACTUAL ITEMS TO BE RE	EGISTERED
rknowledge represents the p nperature ratings, and identifi mufacture of these fittings is a in part and has been verified	roduct for which registration is soug cation markings are in accordance	e that the information containe ght. The dimensions, material with the herein named standa gram which extends to each plant. Inc. as being suitable for the	ards. I further declare that the ant where fabrication occurs in whole at purpose and I make this
nature of Declarer:	MALL I	produced the second	
clared before me at SHO is U day of Join mmissioner of Oaths		USETHIS OFFI New	inswitte:
Notary Public: (sign)	moral and	DIC	
	This space for Reg	ulatory Authority use	PESSURE VESSEL ACTION
This reg	jistration must be revalidated after		
RN: 0F12994.5 RI	EV3	REGI	STRATION ONLY
o#: 2433		CRN O	12994.57Kev3
IN EXPIRES FRE 13, 20 tes: All fittings shall be registered in Each category shall be supporte ms and one copy of supporting of The declaration shall be made b ponsibility for the quality of the	the name of the Manufacturer. It with two Statutory Declaration Is currentation. If the person having full authority and	CHIEF E	OCCUPATION OF THE PROPERTY OF
	e resubmitted for validation	TRIRe [5/24/2019 7 pv\$80t. 1.0 - Fittings Rev. 1 06/2003
a maximum interval of five (5) ye	e resubmitted for validation		5/24/2019

X NOVA SCOTIA

x NEW BRUNSWICK

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

× PRINCE EDWARD ISLAND

X NEWFOUNDLAND AND LABRADOR

NUNAVUT	x YUKON x NO	PRTHWEST TERRITORIES	
MANUFACTURERS NAME:	Ashcroft, Inc.		
MANUFACTURERS ADDRESS	250 Main Street, Stratford, CT, US	SA .	
PLANT LOCATIONS:	250 Main Street, Stratford, CT, US		
A Pipe fittings, including coupling Flanges: all flanges C Valves: all line valves D Expansion joints, flexible control Strainers, filters, separators, a Measuring devices, including pressure transmitters Certified capacity-rated press	pressure gauges, level gauges, sight ure relief devices acceptable as primi	pipe caps, or reducers rpes glasses, levels, or	CSA B51, ASME BPV Code Section VIII Division 1, ASME B31.3, ASME B31.1, CSA C22.2 61010-1
	ng and tustole plugs s that do not fall into one of the above Class 2 Class 3 D. (Meeting		
HOW MANUFACTURERS NAM	SHCRO	WILL APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION FORGED SI WELDED SI WROUGHT (D) CAST OTHER (C) DESCRIBE OTHER: machined
hilip Reed ponsibility for the quality of the knowledge represents the p perature ratings, and identifi	roduct for which registration is so cation markings are in accordate	are that the information containe ought. The dimensions, material ce with the herein named standa	d in this form is true and to the best of construction, pressure and if the man in the m
ponsibility for the quality of the knowledge represents the properature ratings, and identifi- nufacture of these fittings is in part and has been verified laration conscientiously believed.	ne end product do solemnly declar roduct for which registration is so	are that the information containe ought. The dimensions, material ce with the herein named standa rogram which extends to each place. Inc. as being suitable for the	d in this form is true and to the best of construction, pressure and the further declare that the ant where fabrication occurred to be and I make the last the last purpose and I make the last
consibility for the quality of the knowledge represents the properature ratings, and identification of these fittings is in part and has been verified laration conscientiously believature of Declarer: A	ne end product do solemnly decloroduct for which registration is so cation markings are in accordance regulated by a Quality Control Pro by Lioyd's Register Quality Assyran	are that the information containe bught. The dimensions, material ce with the herein named stands ogram which extends to each place. Inc. as being suitable for the hat it is of the same force and effect the same force and effe	d in this form is true and to the best of construction, pressure and if further declare that the ant where fabrication occupant purpose and I make this fect as if made under
ponsibility for the quality of the knowledge represents the properature ratings, and identificature of these fittings is in part and has been verified laration conscientiously believature of Declarer: I day of James and day of	ne end product do solemnly declaroduct for which registration is so cation markings are in accordance gulated by a Quality Control Proby Loyd's Register Quality Assyrance it to be true, and knowing the control of the	are that the information containe bught. The dimensions, material ce with the herein named stands ogram which extends to each place. Inc. as being suitable for the hat it is of the same force and effect the same force and effe	s Peace Nouverte UNSWICE PUBLIC SARETY
ponsibility for the quality of the knowledge represents the properature ratings, and identificature of these fittings is in part and has been verified laration conscientiously believature of Declarer: I day of James	ne end product do solemnly declared to which registration is so cation markings are in accordance gulated by a Quality Contrology Liota's Register Quality Asyran mineral to be the and knowing the Contrology AD 2010 This space for Registration must be revalidated after	are that the information containe bught. The dimensions, material ce with the herein named standar ogram which extends to each place. Inc. as being suitable for the hat it is of the same force and effect the same force and eff	d in this form is true and to the best of construction, pressure and I further declare that the ant where fabrication occupant purpose and I make this fect as if made under the Nouvent UNSWICE PUBLIC SARETY
chilip Reed ponsibility for the quality of the knowledge represents the properature ratings, and identification of these fittings is in part and has been verified laration conscientiously believed the properature of Declarer: I day of Jamissioner of Oaths John Public: (sign) This region: OF12994.5 AD WENTIRES FER 13, 2	This space for Rustration must be revalidated after	are that the information containe bught. The dimensions, material ce with the herein named standar ogram which extends to each place. Inc. as being suitable for the hat it is of the same force and effect the same force and eff	d in this form is true and to the best of sof construction, pressure and I further declare that the ant where fabrication occurrent purpose and I make in the fect as if made under the soft purpose and I make in the so
Philip Reed ponsibility for the quality of the knowledge represents the properature ratings, and identifinate and the part and has been verified daration conscientiously believed the period of the part and has been verified daration conscientiously believed that the part and has been verified daration conscientiously believed that the part and the part	This space for Ruistration must be revalidated after two Statutory Declaration is pacentally and the name of the Manufacturer. It was the product.	are that the information containe bught. The dimensions, material ce with the herein named stands ogram which extends to each place. Inc. as being suitable for the het it is of the same force and effect the same force and effe	d in this form is true and to the best of sof construction, pressure and I further declare that the ant where fabrication occupant purpose and I make in a fect as if made under the soft purpose and I make in a fect as if made under
knowledge represents the preparature ratings, and identifinate and identifinate and identifinate and identifination conscientiously believed the second of t	This space for Relistration must be revalidated after the name of the Manufacturer, d with two Statutory Declaration cournentation.	are that the information containe bught. The dimensions, material ce with the herein named stands ogram which extends to each place. Inc. as being suitable for the het it is of the same force and effect the same force and effe	d in this form is true and to the best of sof construction, pressure and I further declare that the ant where fabrication occurrent purpose and I make interest as if made under the end of



Ashcroft Diaphragm Seals - CRN Newfoundland and Labrador

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

X NEW BRUNSWICK X NUNAVUT	X NOVA SCOTIA X YUKON	* PRINCE EDWARD ISLAND * NORTHWEST TERRITORIES	X NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	Ashcroft, Inc.	Tr graphymine dramanna galladigaminenannaga-graphyminenanaga-graphyminena dastida	genegliselelelelelelelelelelelelelelelelelele
MANUFACTURERS ADDRESS	: 250 Main Street, Stra	fford, CT, USA	
PLANT LOCATIONS:	250 Main Street, Strait	ford, CT, USA	and the state of t
Commence of the commence of th		ED. CIRCLE ONE CATEGORY ONLY	THILE OF THE BYANDARD OF CONSTRUCTION
B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible con S Strainers, titlers, expansions, if Measuring devices, including pressure transmitters C certified expanity-rated press boilers, pressure vessets, pip H Pressure retaining component	nactions, and hose asset and steam traps pressure gauges, tevel g ture relief devices accept ing and fusible plags to that do not fall into one	nauges, sight glasses, levels, or mible as primary over pressure protection on e of the above categories	ASME B31.3 ASME B40.2
	Management of the second statement of the	(Meeting CNSC or ASME requirements)	
. 1686	ASHCI	ROFT"	POPE OF CONTROLLION FORGED BY WELDED BY WROUGHT IS CAST O OTHER DESCRIBE OTHER: machined
my knowledge represents the premerature ratings, and identificant and identificant from the fittings is to a part and has been verified lectaration conscientiously believed.	he end product do sal roduct for which regis cation markings are in regulated by a Quality by Jobata Register Qua	ed by Asheroft. Inc. emnly declare that the information contait tration is accept. The dimensions, mater in accordago: with the herein named stan Control frogram which extends to each alth Assolance. Inc. as being sultable for I knowing that it is of the same force and	ists of construction, pressure dards. I further declare that the plant where fabrication occurs in whole that purpose and I make this "Mallife".
Signature of Declarer:	No.	regre neme se readinguistant and the second	
Declared before me at SHTD	utura	USETHI	S SPACE .
his day of JOIN	Mary AD &	d l N/b	ICIAL ALEXANDE
r Notary Public: (sign)			
		space for Regulatory Authority use	and a
This reg	patration must be revi	alidated after ten (10) years from the date	Newjoundland
CRN: OF12994.5 RE	EV3	Life Control	Labrador
0122		•	Service NL
FID#: 2433		Res	istered OF 12994.50 KeV-
in expires fre 13,20	Z1 A1P.	Dat	e 19/05/24
Notes: 1. All fittings shall be registered in:	the name of the Manufa	-	gineering and inspection Services
2. Each category shall be supports		dentice	gislered by
forms and one copy of supporting d			
 The declaration shall be made b responsibility for the quality of the e 		RUMOVRY BING	UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT MED
 Quality control programs shall be at a maximum interval of five (5) ye 	resubmitted for validat	117	E BOILER, PRESSURE VESSEL AND

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

	x YUKON	× NORTHWEST TERRITORIES	ALVAPOUNDIAND AND LABRADOR
MANUFACTURERS NAME:	Ashcroft, Inc.	Activities and the control of the co	
MANUFACTURERS ADDRESS:	250 Main Street, Stre	itford, CT, USA	
PLANT LOCATIONS:	250 Main Street, Stre	tford, CT, USA	
CATEGORY OF FITTI	NGS TO BE REGISTE	RED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
B Franges: all flanges C Valves: all fine valves D Expansion joints, flaxible conne E Strainers, filters, separators, a Diffeoauring devices, including p pressure transmitters	nections, and hose asse and steam traps pressure gauges, level s are relief devices accep	-	CSA B51, ASME BPV Code Section VIII Division 1, ASME B31.3, ASME B31.1, CSA C22.2 61010-1
H Pressure retaining component		e of the above categories	
		(Meeting CNSC or ASME requirements)	1
Suita.		ROFT	FORGED SI WELDED SI WROUGHT (C) CAST CONTROL OTHER 20 DESCRIBE OTHER. Machined
IST OF SHIPPOPTING DOCUME	DOTATION AND IDEN	FIFICATION OF THE ACTUAL ITEMS TO BE RE	CISTERED
knowledge represents the properature ratings, and identification of these fittings is repart and has been verified to	in end product do so oduct for which regis cation markings are i egulated by a Quality by Lidyo's Register Qu	ed by Ashcroft. Inc. lemmity declare that the information contained traition is sought. The dimensions, materials in accordance with the herein named standar of control Program which extends to each pla airy Ashvanca. Inc. as being suitable for that it is of the same force and efficiency in that it is of the same force and efficiency.	of construction, pressure rds. I further declare that the mill where fabrication occurred to purpose and I make the later.
nature of Declarer.	beth		
leared before me at Str	ratiford	2019 OFFI	
mmissioner of Oeths Notary Public: (sign)	enth B	careuz	
		space for Regulatory Authority use	
-		alidated after ten (10) years from the date of	New Journal and
N: OF12994.5 AD	D4	And the state of t	Labrador
#: 2433		1'	Service NL
en enpines fee 13,20	729 D.b.	Registe Date	ored 01 /299.4.50 Ann. 4
es: All fittings shall be registered in t	he name of the Manufa		ering and Inspection 29 vices
Each category shall be supported	d with two Statutory De	claration	to toll
ns and one copy of supporting de The declaration shall be made by		andhash, and	erod tool fag
i he decignation shall be made by ponalbility for the quality of the ex		UND	ER THE AUTHORITY BY THE
Quality control programs shall be	resubmitted for valida	tine F	PUBLIC SAFETY ACT AND
maximum interval of five (5) yes	375.	IHE BU	DILERS PRESSUPERINES SEL ANOS/2003



Ashcroft Diaphragm Seals - CRN Northwest Territories

UNIFORM STATISTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

HEMAYUT	* NOVA BOOTTA * YUKON	* PRINCE EDITOR BLAND * MONTHIVEST TERRITORIES	X NEWFOUNDLAND AND LABRADO
MANUFACTURERS NAME:	Asheroft, Inc.		
MANUFACTURERS ADDRESS	B: 250 Main Street, Sitrat	tora, CT, USA	
PLANT LOCATIONS:	280 Main Street, Street		
a descript duck alter an a description of		EO. CERCLE ONE CAYEOORY ONLY	mulacina the confession of
5 Finges: all fanges 0 Valves; all lite vities 0 Valves; all lite vities 0 Especialty joints, finishle con if Statutes, filters, separators, in ()Mouseley devices, inchesing possure temsystims 6 Certified capacity-cated press	Ductions, and hase maste and slown trips processe gampus, lovel pr are relial dericts accords		ASME B31.3 ASME B40.2
bolics, procure vessels, plo H Procure retaining component		of the show extraction	
		O. Obsetting CNSC or ASME reconstructs)	
	And the state of t	CO AS IT WHE APPEAR ON THE PRODU	ct Will be commission
81	SHOP	ROFT"	FORGES & WELTED ID WALLIAMS IN BERGHAR GENERAL IMPORTUNE
		FICATION OF THE ACTUAL (TIBLE TO BE	
GLARATION: Nic Red onshibly for the quality of th	employed a and product do soles	unly declars that the information contain	HELT ATT TYPE COMMENT AND ANNAL AND A SALE AND AND AND AND AND
Nilo Reed considility for the quality of the moveledge represents the pro- curative adings, and identifica- usecture of these fittings is as part and has been verticed;	e and product do soles school for which, registra when mankings are in a sgulated by a Guality C ny (AG-d'o Realster Quality	by Asheroft isc. and been decided as the information contain allow a sought. The dimensions, material countries with the herein numer stance countries or one which extends to each play and the feet as being satisfies for the same force and a	aid in this form is true and to the bast of the of construction, pressure body it faither declare that the body where inhelession occurs by public hat purpose and I make that I transmit!
Não Reed Constitity for the quality of the increase natinge, and identific usecture of these fittings is a part and has been vertiled a prediction of Decision; atums of Decision; and before one at State	e and product do soles obset for which, register which, register monthings are in a guidelind by a Guelly C by Lifeth Rooten Qually for it to be true, and k	welly declare that the information contain dison is except. The dimensions, materia accordages with the heaten named status control program which extends to each p to Ansonaca. Inc. as being autuable for the same force and a	act in this form is inseed to the bast of the of construction, pressure lands. I faither declare that the shrink the shrink the shrink where substantion occars in white hat purpose and I make that the shrink that the shrin
Nilo Reed Consibility for the quality of the increased preparate the pro- perature ratings, and identific unfacture of these fatings is an part and has been verified a conscientiously before sture of Decision*: and before one at day of Joseph	e and product do soles obset for which, register when he will be a duality of y judicined by a duality of y judicine duality if by it to be true, and is	welly declare that the information contain dison is except. The dimensions, materia accordages with the heaten named status control program which extends to each p to Ansonaca. Inc. as being autuable for the same force and a	aid in this form is true and to the bast of the of construction, pressure body. I faither declare that the body where inhelession occurs in which hat purpose and I make that I continue?
Não Reed consibility for the quality of the increase actings, and identific efecture of these fillings is as part and has been verified is conscientiously before sture of Decision; and before roe at day of Jalah	e and product do soles obset for which, register which, register monthings are in a guidelind by a Guelly C by Lifeth Rooten Qually for it to be true, and k	welly declare that the information contain dison is except. The dimensions, materia accordages with the heaten named status control program which extends to each p to Ansonaca. Inc. as being autuable for the same force and a	act in this form is into end to the bast of the of construction, pressure that the best where intelession occurs in photo hat purpose and I make the last the field as if inside under the last
Não Reed consibility for the quality of the increase actings, and identific ufacture of these filtings is an part and has been verified is credien conscientiously before stars of Decision; and before me at day of Journ plasforer of Outher fary Public: (sign)	e and product do soles check for which, registre affor matchings are in a grade of the control o	welly declare that the information contain stion is except. The dimensions, make is accordance with the better named above the program which extends to each play a second the standard to each play a second that it is of the same force and a U.S.E.T.H.I.S.O.F.F.	as in this form is into and to the bast of the of construction, pressure lands. I faither declare that the short where labelcation occurs in the short where labelcation occurs in the short where institution occurs in the short was furnished in the construction of th
Não Reed consibility for the quality of the increase actings, and identific ufacture of these filtings is an part and has been verified is credien conscientiously before stars of Decision; and before me at day of Journ plasforer of Outher fary Public: (sign)	mend product do soles obset for which, register milton mentions are in a guidaled by a Guality of a Guality of the body register of the first to be much made in the first to be much and in the first of the colors of of t	welly declare that the information contain that is except. The dimensions, material sharper in the beauty in the b	as in this form is into end to the bast of the of construction, pressure lends. I faither declare that the short where labelcation occurs in which that purpose and I make the construction of the short was if rende unpliced. S P A is sufficiently the construction of
Nilo Reed Consibility for the quality of the consibility for the quality of the considere ratinge, and identification of these fittings is an part and has been verticed is consider conscientiously before the considered the consciention of the considered the co	mend product do soles obset for which, register milton mentions are in a guidaled by a Guality of a Guality of the body register of the first to be much made in the first to be much and in the first of the colors of of t	welly declare that the information contain that is except. The discontaines, material accordance with the herein named above accordance with the herein named above the particular organic which extends to each particular organic which extends to each particular organic which extends to each particular organic which extends the same force and extends of the same for	as in this form is into end to the bast of the of construction, pressure lands. I faither declare that the short where imbelsation occurs in short where imbelsation occurs in short short east purpose and I make and I mak
Nilo Reed Consibility for the quality of the consibility for the quality of the considered relings, and the provider or these fittings is an part and has been verticed a conscientiously before the consideration of Datas Constitution of Datas Consti	a end product do soles obset for which, registra residents are in a guidanted by a Guelly Con London Route Gually Con Routes Gually Con Routes Gually Con Routes Gually Con Routes Gually AD	welly declare that the information containation is except. The discussions, material share accordaged with the herein named share betterold regram which extends to each play according to the same that it is at the same force and a cooling t	ac in this form is into end to the bast of the of construction, pressure lands. I further declare that the short where labelcation occurs in where their decreased in make the form of the construction occurs in where their purpose and I make their state of the construction occurs in where their purpose and I make their state of their s
Nilo Reed Consibility for the quality of the moveledge represents the properties of these fittings is an existence of Deciment; and before one at State day of Join) plantener of Catha fitting of Join) plantener of Catha fitting of Join) This region: (CF12994.5 RE1)	a end product do soles obset for which, registration which, registration residents are in a guidaled by a Quality C by Lifer's Resident Quality if to be true, and knowledge of the State of the Manufactor traust be revelled a same of the Manufactor with here State on the important on the person having full autiproduct.	unity declare that the information containation is except. The dimensions, material accordance with the herein narroad share accordance with the herein narroad share accordance that which extends to each proving that it is of the same force and a uncoming that it is of the same force a	is the state of th

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

MANUFACTURERS NAME:		× NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MOTALLACI CHECKS LOCKE:	Ashgrod, Inc.		
MANUFACTURERS ADDRESS	; 250 Main Street, Street	ford, CT, USA	
PLANT LOCATIONS:	250 Mein Street, Strat	ford, CT, USA	
CATEGORY OF FITT	NOS TO SE REGISTER	ED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE TANDARD OF CONTRACT
B Flanges: all flenges C Valves: all fire velves D Expansion joints, flexible con E Statemer, fibers, separators, a Filteneuring devices, including pressure transmitters G Certified capacity-rated press boilers, pressure vessels, plp H Pressure retaining component	nections, and hose assen and ateam traps pressure gauges, level ga are relief devices accepts ing and fasible plugs in that do not fall into ons	augus, eight glasses, levels, or able as primery over pressure protection on of the above calegories	CSA B51, ASME B2V Code Section VIII Division 1, ASME B31.5, ASME B31.1, CSA C22.3 61010-1
		IMeeting CNSC or ASME requirements)	
No.	ASHCI	RED AS IT WELL APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION FUNERED & WHELPED & WHOUGHT () CART O OTHER TO DESICRES OTHER MECHINE
ECLARATION: Hijp Read ponsibility for the quality of th	e and product do sole	d by Asheroft Inc. and bala	
tricinary represents the pr	DOUCE FOR WHICH FOREIGN	runly declare that the information contained allon is count. The dimensions, materials	in this form is true and to the best of
pershare ratings, and identification rations of these fittings is an part and has been verified interaction conscientiously belief insture of Declarer:	estion markings are in agulating by a Quality on University Reclaims County of the bearing and I work AD AD AD AD AD	runity declare that the information contained ation is sought. The dimensions, materials accordance with the barein named standen Control Program which extends to each plan ity Appraise. Inc. as being suitable for that knowing that it is of the same force and effect of the sam	of construction, pressure is. I further declare that the it where fabrication occul purpose and I made y ct as if made und S P A C E
persine ratings, and identification unfacture of these fittings is an apart and has been verified it leration conscientiously believature of Declarer: lessed before me at the day of Jal's missioner of Ostina Carry Public: (sign) This regions	cation markings are in agulated by a Quality on University Reclaims Cual who it to be true, and it was to be true, and it was a training to be true. This a stration must be reval	runly declare that the information contained attent is according with the transferra, materials according with the transferrance standard standard program which extends to each plantity Aspirance Inc. as being suitable for that knowing that it is of the same force and effect o	In this form is true and to the best of construction, pressure is. I further declare that the state of the purpose and I make the purpose and I make the state of
pershire ratings, and identification of these fittings is in a part and has been writted interaction conscientiously believature of Declarer: learned before me at	cation markings are in agulated by a Quality on University Reclaims Cual who it to be true, and it was to be true, and it was a training to be true. This a stration must be reval	runly declare that the information contained atton is sought. The dimensions, materials socordance with the terein named standard control program which extends to each plantity Asympton inc. as being suitable for that knowing that it is of the same force and effective of the same force and effect of the s	in this form is true and to the best of construction, pressure is. I further declare that the manner is the purpose and I make the purpose and I make the strength of the stre
npershare ratings, and identificative of these fittings is an analysis of these fittings is an approximation conscientiously believed before me at the day of 10 km missioner of Outhard Public (sign)	estion markings are in agulated by a Quality of the Recipitar Quality of the property of the p	runly declare that the information contained attion is sought. The dimensions, materials accordance with the terrein named standard Control Program which extends to each plan ity Asyranos. Inc. as being suitable for that knowing that it is of the same force and effer the same force and effect the sam	in this form is true and to the best of construction, pressure is. I further declare that the state of the purpose and I make the purpose and I make the state of



Ashcroft Diaphragm Seals - CRN Nova Scotia

09:57;09 a.m.

6/18

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

1 0 000	Ashcroft, Inc.		
PLANT LOCATIONS: CATEGORY OF FITT A Pipe fittings, including couple B Flanges: all flanges	250 Majo Street Street		
CATEGORY OF FITT A Pipe fittings, including coupling B Flanges: all flanges	i. and treat street out a	tford, CT, USA	
CATEGORY OF FITT A Pipe fittings, including coupling B Flanges: all flanges	250 Main Street, Street	ford, CT, USA	
A Pipe fittings, including coupling B Flanges: all flanges		IED, CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
D Expansion Joints, Resible con	nga, tees, elbowa, Ys, plu	iga, unione, pipe caps, or reducers	
E Strainers; fitters, separators,		ind types	ASME B31.3
Montaing devices, including pressure fransmitters	prossure gauges, level p sure relief devices eccept ring and lusible plugs	able as primary over pressure protection on	ASME B40.2
N Nuclear commonents: Class	1 Class 2 Class 3	IMeeting CNSC or ASME regularments)	
SHOW MANUFACTURES NAI		OGO AS IT WILL APPEAR ON THE PRODUCT	TOPE OF CHARBUCTERS FORESCE OF WELDED SO WROUGHT SO CAST CONTER SO DESCRIBE OTHER TRACKINED
ECLARATION: Philip Reed	(me rate 3) employs	ed by Ashcroft inc. and be	ing the person having full authority and
y knowledge represents the p reperature ratings, and identif anufacture of these fittings is in part and has been verified	product for which regist fication markings are it regulated by a Quality by LiGrd's Register Qui	tration is sought. The dimensions, material in accordagce with the herein named stands of Control Program which extends to each pl afty Assistance, inc. as being suitable for the diknowing that it is of the same force and ef	is of construction, pressure urds. I further declare that the ant where fabrication occurs in while at purpose and I make that the construction.
gnature of Declarer. clared before me at SHC day of JOLE munissioner of Oaths Notary Public: (algn)	Mary AD	DISETHIS OFFI	SPACE
clared before me at SHO is 4 day of Jali munissioner of Oeths Notary Public. (algn)		OFFI A COURS A Space for Regulatory Authority use	A Primmare
clared before me at SHO is 4 day of Jali munissioner of Oaths Notary Public. (sign)		OFFI A COURS A Space for Regulatory Authority use	A Primmare
clared before me at SHO	gistration must be revi	OFFI A COURS A Space for Regulatory Authority use	A Primmar
clared before me at SHO tay of Jak munissioner of Oaths liotary Public: (sign) This reserve: OF12994.5 R	gistration must be revi EV3	OFFI OFFI	A Primmar
clared before me at SHO to day of Jale munissioner of Oaths Notary Public. (algn)	gistration must be revi EV3	OFFI A COURS A Space for Regulatory Authority use	of acceptance.

05-27-2019

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK NUNAVUT	x YUKON		
MANUFACTURERS NAME:	Ashcroff, Inc.		
MANUFACTURERS ADDRESS	250 Main Street, Stratfor	rd, CT, USA	110000000000000000000000000000000000000
PLANT LOCATIONS:	250 Main Street, Stretfor	L CT. USA	
		D. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including coupling B Flanges: all flanges	,		
C Valves: all line valves D Expansion joints, flaxible cont	nirflood and base senambi	See all house	CSA BS1, ASME BPV Code
E Strainers, filters, separators, a		Maria. Wil Lypos	Section VIII Division 1, ASME
Meseuring devices, including	prosoure gauges; lavel gau	gos, alght glossos, levela, or	BJI-3, ASMB B31.1, CSA C21.2
pressure transmitters G Contined capacity-rated pressure believs, pressure vessels, pipi H Pressure retaining component	ng and furible pluga	e as primary over pressure protection on	61010-1
		. (Meeting CNSC or ASME requirements) 20 AS IT WILL APPEAR ON THE PRODUCT	
	SHER		FORGED WELDED & WILDIGHT DO CAST DO OTHER TO OTHER TO OFFICERE OTHER
		CATION OF THE ACTUAL ITEMS TO BE R	
1 ST Lucition of the			
SCI ABAYOM.			•
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Philip Reed sponsibility for the quality of the sponsibility for the quality of the knowledge represents the properties of these fittings is a fundature of these fittings in part and has been verified claration conscientiously believed.	ne and product do solen roduct for which registra cation markings are in a regulated by a Quality C by Livyd's Register Quality	rally declare that the information contains tion is sought. The dimensions, material accordance with the herein named stands control frouran which extends to each of	ed in this form is true and to the best of is of construction, pressure ands. I faither declare that the and where fabrication occupa- at purpose and I make this to
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Philip Reed sponsibility for the quality of the knowledge represents the properture ratings, and identification of these fittings is a fin part and has been verified claration conscientiously belief that the properture of Declarer. Identification	the nume of the Manufachus of the present having full auronal to the revality of the present having full auronal to the nume of the Manufachus of the present having full auronal to the nume of the Manufachus of the present having full auronal product.	rently declare that the information contained from is sought. The dimensions, material accordance with the herein named stands control regram which extends to each play Asymnas. Inc. as being suitable for the ricology that it is of the same force and effect of the same force a	ed in this form is true and to the best of soft construction, pressure ands. I fasther declare that he and where fabrication or soft purpose and I make the fact as if made under the soft purpose and I make the soft purpose and

Parl Parl REGULATIONS



Ashcroft Diaphragm Seals - CRN Nunavut

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

	X NOVA SCOTIA X YUKON	* PRINCE EDWARD ISLAND * NORTHWEST TERRITORIES	* NEWFOUNDLAND AND LABRADOR		
MANUFACTURERS NAME:	Ashcroft, Inc.	economical protects for the substance of the contract of the c	We will place the company and an analysis and a second		
MANUFACTURERS ADDRESS	250 Main Street, Stretford, CT, USA				
PLANT LOCATIONS:	250 Main Street, Street		man'ny disampanjanjanjan indrindra i		
		ED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION		
	ngs, tees, elbows, Ys, plu	gs, unions, pipe caps, or reducers			
E Strainers, filters, separators, a Mossuring devices, including pressure transmitters	and steam traps pressure gauges, tovel gr ure relief devices accepta ling and fusible plugs	suges, sight glasses, levels, or tible as primary over pressure protection (ASME B31.3 ASME B40.2		
		Meeting CNSC or ASME requirement	del		
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Commissioner of Oath or Notary Public (sign)	Nette 18	space for Regulator, Justing Strom the	NUNAVUT		
CRN: 0F12994.5 RI		Nullavut	Plessure Vessels Act		
FID#: 2433		l R	EGISTERED		
The same of the sa	10 C	TEI	2994.5NBU3		
CRN EXPIRES F(28.13, 20. Notes: 1. All fittings shall be registered in 2. Each category shall be supported forms and one copy of supporting a 3. The declaration shall be made it responsibility for the quality of the 4. Quality control programs shall be	the name of the Manufac of with two Statutory Dec documentation, by the person having full and product. e resubmitted for validati	staration Signed	Hilling Chief hispector		
at a maximum interval of five (5) ye	BIS.	— Territor	sed. 1.0 - Filtings Rev. 1 06/200:		

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

× NEW BRUNSWICK × NUNAVUT	× NOVA SCOTIA × YUKON		EDWARD ISLAND WEST TERRITORIES	x NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	Ashcroft, Inc.		the state of the s	
MANUFACTURERS ADDRESS	; 250 Main Street, Stra	efford, CT, USA	- Application and Control of the Application of the	
PLANT LOCATIONS:	250 Main Streat, Stre	Hord, CT, USA		inappelantation intermedia ferrance proposition of the contract proposition of the con
CATEGORY OF FITT	NGS TO BE REGISTE	RED. CIRCLE ON	E CATEGORY ONLY	THILL OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including couplir B Flanges: all flanges C Valves: all fine valves D Expansion joints, flexible cont E Strainers, filters, separators, of Measuring devices, including pressure transmitters G Certified capacity-rated press boilers, pressure vessels, pip H Pressure retaining component	nections, and hose asse and steam traps pressure gauges, level g ure relief devices accept ing and highly plugs	emblies: all types gauges, sight glass table as primary or	oo, levela, or er pressure protection on	CSA B51, ASME BPV Code Section VIII Division 1, ASME B31.3, ASME B31.1, CSA C22.2 61010-1
N Nuclear components: Class 1				
SHOW MANUFACTURERS MAN				The same of the sa
	ASHCI			FORGED & WELDED & WROUGHT (O CAST C) OTHER K) DESCRIBE OTHER: Machined
PRP01-DS-001, Rev 1	17 19 3 7 100 2 100	TIFICATION OF TI	HE ACTUAL ITEMS TO E	E REGISTERED
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Signature of Declarer: 2	Bellova	1	USETH	IS SPACE
This Law of Ja	NHQYY AD	2019		FIGIAL O
Commissioner of Oaths or Notary Public: (sign)	anith 13	cdre	-M.	NUNAVUT
This re		s space for Regul ratidated after ter	(10) years from the d	Boilers and ate of acceptance. Prossure Vessels Act
CRN: 0F12994.5 AL			4 1644441	GISTERED
FID#: 2433			-1.0	- 1 - 101111
CRN ENPINES FEB 13,2	029 8.6.		CRN OF18	994. SNAda 4
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4. Quality control programs shall be at a maximum interval of five (5) ye		www.	Territoria	I Registration Fee



Ashcroft Diaphragm Seals - CRN Prince Edward Island

UNIFORM STATUTORY DECLARATION FOR THE REGISTRATION OF FITTING DESIGNS

MANUFACTURERS NAME:	_ Ashcroft, Inc.		
MANUFACTURERS ADDRES	5: 250 Main Street, Sira	fford, CT, USA	P
PLANT LOCATIONS:	, 260 Main Street, Street	ford, CT, USA	60 J 51 C -0. TAXABLE *
CATEGORY OF BUT	INGS TO BE REGISTER	ED CIRCLE ONE CATEGORY ONLY	THE STANDARD OF TORSTSTORE
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Nuclear components; Chas	1 D. Class 2 D Class 3	D. Meeting CASC of ASME requirements)	
		OGD AS IT WILL APPEAR ON THE PRODUCT	THE DECOMPRISING
8		NOFT'	Machined Machined In Machined
CLARATION;	nee cost s) employs	by Ashcroft. Inc. and being	g the person having full authority and
hijo Reed ponsibility for the quality of a knowledge represents the p operature makings, and identifi unfacture of these findings is n part and has been verified	the end product do solitoduct for which registication markings are in regulated by a Quality by Ugra's Register Que englit to be true, and	emaily declars that the information contained britton is scorpt. The dimensions, materials is economics with the herein named standard Control program which extends to each pleasity Assystance Inc. as being suitable for that I knowing that it is of the same force and effect of the Control o	In this form is true and to the best of construction, pressure its. I further declare that the ni where febrication occurs in whose and I make, this cities if made under the series of
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hijlo Reed considing for the quality of a knowledge represents the p persure ratings, and identifi unfacture of these fittings is a part and has been verified aration conscientiously before abore of Declarer: Ared before me et SKO day of Joh missioner of Clara- thary Public (sign)	the end product do solitoduct for which registication markings are in regulated by a Quality by 19 of a Register Que soly in to be true, and the control of the Register Que to the control of the Register Que to the control of the c	eranty declare that the information contained betton is sought. The dimensions, materials is sought to the control of the cont	In this form is true and to the best of construction, pressure its. I further declare that the nt where fethication occurs in whose purpose and I make, this ct as it made under the ct. S. F. A. C. S
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UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

	× NOVA SGOTIA × YUKON	x prince edward island x northwest territories	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	Ashcroff, Inc.		1
MANUFACTURERS ADDRESS	280 Main Street, Stratfor	4 CT, USA	
PLANT LOCATIONS:	250 Main Birael, Stratfor	e, CT, USA	M-1 1
	NGS TO BE REGISTERED	CIRCLE ONE CATEGORY ONLY	TOTAL OF THE TANIARD OF CONSTRUCTIO
holica, presum vensels, pipi H Presum retaining component	nactions, and hose excembind staam trape pressure gouges, level gauge ure rated devices acceptable ng and tustile plage a that do not fall into one of	iles: all types gae, alght gleasse, levela, or b as primary over pressure protection on the above categories	CSA BSI, ASME BPY Code Section VIII Division 1, ASME B91.8, ASME B91.1, CSA C22.2 61010-1
		(Maeting CNSC or ASME requirements)	<u> </u>
SHOW MANUPACTURERS HAM	A TRADEVIEW OR LOS	O AR IT WILL APPEAR ON THE PRODUCT	FORBED WADED & WROUGHT KD CAST DOWNER DO WAS A DOWNER DO WAS A DOWNER
The ac allohabitive because	ENTAYION AND IDENTIFY	CATION OF THE ACTUAL MEMS TO BE RE	
sponsibility for the quality of the vinounledge represents the pr measure ratings, and identific unufacture of these sittings is n in part and has been varified it	educt for which registral action markings are in a agutated by a Quality Co by Lloyd's Register Quality	and being the property of the information contained the information contained the information contained the information meta-tals coordinate with the herein named standard prince program which extends to each plantance, inc. as being suitable for the country that it is of the same force and effecting that it is of the same force and effecting that it is of the same force and effecting that it is of the same force and effecting that it is of the same force and effecting that it is of the same force and effecting that it is of the same force and effecting that it is on the same force and effecting that it is of the same force and effecting that it is of the same force and effecting the same force and effe	of construction, pressure de. I further declare that the M where tab/ication declare I purpose and I make that
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1.1	MAKIL TO O		
mmlseloner of Oatha Notary Public (sign)	atte Be	dreuz	CIAL 3)
	This ep	ace for Regulatory Authority use	711,1
sturs tell	enshou was be cealld	ated after ten (10) years from the date of	The same of the sa
RN: 0F12994.5 AD	D4	PROVINCE OF PRINCI COMMUNITIES, LANI	BEDWARD ISLAND A ENVIRONMENT
dik 2433 En enpines Feris,72	na D.b.	C.R.N. OF	2994.59 Add
OB: All fittings aheli be registered in t		M.	24/19
Each category shall be supported	I with two Statutory Declar curriculars.	allon	8-1
The declaration shall be made by ponsibility for the quality of the er Quality control programs shall be	id product.	INSPECTION SER	VICES SECTION VESSEL BRANCH
maximum interval of five (6) year		M Gammari	Bed. 1.0 - Filliage Rev. 1 05/2003



Ashcroft Diaphragm Seals - CRN Yukon

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

	* NOVA SCOTIA * PRINCE EDWARD ISLAND * YUKON * NORTHWEST TERRITORIES	A NEVVFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	Ashcroft, inc.	approximate the second
MANUFACTURERS ADDRESS	250 Main Street, Stratford, CT, USA	
PLANT LOCATIONS:	250 Main Street, Stratford, CT, USA	
CATEGORY OF FITT	INGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCT
B Flanges: all flanges C Valves: all fine valves D Expansion joints, flexible con: E Strainers, filters, separators, s Messuring devices, including pressure transmitters G Certified capacity-rated press- bollers, pressure vesaets, plpi	pressure gauges, level gauges, eight glasses, levels, or ure relief devices acceptable as primary over pressure protection on	ASME B31.3 ASME B40.2
	☐ Class 2 ☐ Class 3 ☐. (Meeting CNSC or ASME requirements)	
	E. TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODU	CT TYPE OF CONSTRUCTION
	ASHCROFT"	FONDED IN WELDED ID WROUGHT IN CAST CI OTHER IN DESCRIBE OTHER:
knowledge represents the pr penature ratings, and identifi- nufacture of these fittings is no n part and has been verified i	is end product do solemnly declare that the information contain coduct for which registration is sought. The dimensions, materication markings are in accordance with the herein named stan egulated by a Quality Control Program which extends to each by 19 d's Register Quality Associance. Inc. as being suitable for config to be true, and knowing that it is of the same force and the control of the same force and th	ials of construction, pressure clards. I further declare that the plant where fabrication occurs in whole that purpose and I make the structure of the purpose and I make the structure of the st
4 day of Jan	MARY AD QUIS OFF	ICIAL ASSESSMENT
otary Public: (sign)	nette Edrag	
This rea	This space for Regulatory Authority use istration must be revalidated after ten (10) years from the date	er but
	W2	of acceptance.
N: <u>0F12994.5 RE</u>	/3	SHULL
#. 2433	(3)	1
JEAPIRES FEB 13, 20° ha: All fittings shall be registered in the		BY 2 RNF12994.5Y REV3
ach category shall be supported a and one copy of supporting de	d with two Statutory Declaration ocumentation. y the person having full authority and and product.	DAT 05/27/2019
maximum interval of five (5) yes	ore.	O/ Sed. LD Things Rev. 1 00/2003

IMIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

X NEW BRUNSWICK X NUNAVUT	x NOVA SCOTIA X PRINCE EDWARD ISLAND x YUKON X NORTHWEST TERRITORIE	× NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	Ashcroft, Inc.	The second section of the second section s
MANUFACTURERS ADDRE	ESS: 250 Main Street, Stratford, CT, USA	
PLANT LOCATIONS:	250 Main Street, Stratford, CT, USA	
CATEGORY OF F	TTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONL	Y TITLE OF THE STANDARD OF CONSTRUCTION
B Flanges: all flanges C Valves: all line valves D Expansion joints, flaxible E Strainers, fifters, separatio () Measuring devizes, includi pressure transmitters G Certified capacity-rated pre- boilers, pressure vessets, H Pressure retaining compose	ing proseure gauges, level gauges, eight glasses, levels, or essure relief devices acceptable as primary over pressure protection piping and fusible plugs tents that do not fell into one of the above categories	
	88 1 🗌 Class 2 🔲 Class 3 🗋. (Meeting CNSC or ASME required	
Name .	ASHCROFT	PRODUCT TOPE OF CONSTRUCTION
LIST OF SUPPORTING DOC	UNIENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS	TO BE REGISTERED:
y knowledge represents the mperature ratings, and ider anufacture of these fittings in part and has been verifical artion conscientiously burgature of Declarer. Social defore me at the day of 1 and the provisioner of Oaths.	of the end product do solemnty declare that the information a product for which registration is sought. The dimensions, ntification markings are in accordance with the herein name is regulated by a Quality Control rogram which extends to ed by Liot's Redister Quality Asylvance. Inc. as being suital elieving to be the and knowing that it is of the same for the same fo	materials of construction, pressure ed standards. I further declare that the construction occurred where fabrication occurred to that purpose and to the construction of the construction
Notary Public: (sign)	This space for Requisitory Authority use	00%
This	registration must be revalidated after tan (10) years from t	ne date of acceptance
RN: 0F12994.5	ADD4	(2ª
Each category shall be supporting and one copy of supporting	in the name of the Manufacturer. orted with two Statutory Declaration g documentation. e by the person having full authority and	DATE 05/27/2019
	be resubmitted for validation	COLLET SEED TO APPROPE Rev. 1 06/2003

80/1 F Sed To A PHIDO'S Rev. 1 05/2003