



To:	TSSA	From:	Janet Townsend
Company:	Ashcroft Inc.	Phone:	416-747-4291
Pages:	8	Location:	Toronto
Our File:	ANR-4314	Date:	December 22, 2016

Your File: 1969564

Subject: Request for Design Registration

Dear Ms. Francis,

CSA has reviewed the documentation submitted by TSSA on behalf of Ashcroft Inc. These fittings have been registered by CSA for the Province of Québec. In accordance with an agreement between CSA, the Provinces of Québec and Saskatchewan; this registration is recognized by Quebec and Saskatchewan. These fittings are acceptable for use in these Provinces.

The letters CSA will be applied as a prefix to the CRN indicate which fittings have been registered in this manner. A copy of the stamped Statutory Declaration is attached.

The CRN is 0F8388.56ADD5.

The cost for this service is \$ 760.00 plus HST.

A copy of the Statutory Declaration with an original stamp affixed will be forwarded to you along with our invoice by regular mail.

Yours truly

A handwritten signature in blue ink that reads 'Janet Townsend'.

Janet Townsend

Account Manager

CSA Group

janet.townsend@csagroup.org

www.csagroup.org



TECHNICAL STANDARDS &
SAFETY AUTHORITY
14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario
Canada M8X 2X4



STATUTORY DECLARATION

Registration of Fittings

I, Philip Reed Quality Assurance Manager
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Ashcroft, Inc
(Name of Manufacturer)

Located at 250 Main Street, Stratford, CT, USA
(Plant Address)

Technical Review performed per CSA B51
Performed by: ANRIC Enterprises Inc.

Signed: [Signature]
Date: 05/dec/2016
203-385-0318 203-385-0662
(Telephone No.) (Fax No.)

do solemnly declare that the fittings listed hereunder, which are subject to the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, comply with all of the requirements of ASME B31.3

(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 _____ 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 ISO 9001:2008 which has been verified by the following authority, Lloyd's Register Quality Assurance

The items covered by this declaration, for which I seek registration, are category Category F type fittings. In support of this application, the following information and/or test data are attached as follows:

Addendum to 0F8388.5C, add type 8008 to Scope of registration summary SOR-G-REV1; Report PRP-G-REV1

Declared before me at Stratford, CT in the county of Fairfield
the 19th day of September AD 2016.

Commissioner for Oaths:

Jeanette Bednarz
(Printed name)
Jeanette Bednarz
(Signature)

[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 F

CRN: CSA - OF 8388.56 ADD5

Registered by: A. BANWATT

Dated: DEC. 05. 2016

NOTE: This registration expires on FEB. 11. 2023

Technical Review performed per CSA B51
Performed by: ANRIC Enterprises Inc.

Signed: CSA - OF 8388.56 ADD5

Date: _____





345 Carlingview Drive
Toronto Ontario M9W 6N9
Tel: 416 734 3300
Fax: 416 231 1626
Toll Free 1 877 682 8772

www.tssa.org

October 14, 2016

CHRISTIAN BLATHERWICK
ASHCROFT INC.
250 E MAIN STREET
STRATFORD CT 06614
US

Service Request Type: BPV-Fitting Registration
Service Request No.: 1953280
Your Reference No.: CRN 0F8388.5C ADDENDUM
Registered to: ASHCROFT INC.

Dear CHRISTIAN BLATHERWICK,

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

CRN No.: 0F8388.5ADD5
Main Design No.: SEE SCOPE OF REGISTRATION: SOR-G-REV0 (1PG)
Expiry Date: 11-Feb-2023

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

Scope of ADD5: Changes to components outside of pressure boundary, no effects to the original R4 scope of registration. See Ashcroft's letter dated Sep 19/2016 for the complete explanation of new models.

A stamped copy of the approved registration and invoice for engineering services will be mailed to you shortly. Should you have any questions or require further assistance, however, 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,

Kaivan Kia P. Eng., PMP
Mechanical Engineer, BPV
Tel. : 416-734-3457
Fax : 416-231-6183
Email : kkia@tssa.org



250 East Main Street
Stratford, CT 06614
USA
Tel: 203-378-8281
Fax: 203-385-0408
Email: info@ashcroft.com
www.ashcroftinc.com



Ms. Cathy Turylo
Manager, Engineering Services
Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, ON M9W 6N9

September 19, 2016

RE: Addendum to National Registration of CRN 0F8388.5C

Dear Sir/Madame,

We are pleased to submit our application for additional product nomenclature to subject CRN. The attached forms are in support of subject national addendum.

Explanation of nomenclature addition addendum:

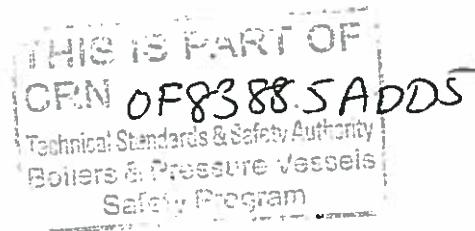
Ashcroft has updated the bourdon movement design (outside pressure boundary) of one of its CRN registered gauges. The new movement design falls under a new gauge product name "8008", and is also in addition to the "1008" product registered under CRN 0F8388.5C. There are no calculation updates, however, several new drawings are provided with this addendum for the record, and a matrix of correlation to the original drawings is provided in then updated calculation report. The scope of registration summary is also updated to add the 8008 nomenclature. Please find enclosed documentation:

1. TSSA national registration Service Application (1 copy)
2. Statutory declarations for TSSA, ABSA, Uniform Statutory Declaration form, Manitoba Statutory Declaration form (2 originals of each signed and notarized)
3. Proof of Quality Control Certificate (8 copies)
4. Updated scope of registration summary SOR-SG-REV1 (8 copies)
5. Updated calculation report PRP-SG-REV1 (8 copies)
6. Request for expedited service form (1 copy)

Thank you.

Yours Truly,

Christian Blatherwick
direct: (203) 385-0342
Christian.Blatherwick@ashcroft.com



ASHCROFT

HEISE

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SOR-G-REV0
 Scope of Registration Summary – Ashcroft Bourdon Gauges

Gauge Products	Bourdon Gauge System	Bourdon Tube Material	Socket Material	Max. Pressure (psi)	Max. Temp. (°F)	Code of Construction	
1279, 1379, 1377, 2462, 1010, 1017, 1220, 1109, 1009, 1008AW	A	B103 C51000	B16 C36000	Up to 1,000	250	ASME B31.3	
	P, PH	B865 N05500	B164 N04400	Up to 30,000			
1279, 1379, 1377, 2462, 1010, 1017, 1220, 1259, T5400, T5500, T6500, 1020S, 1109, 1009	S	A 240 316 S31600	A240 S31600	Up to 20,000			
	R	A519 G41300	A108 G10180	Up to 6,000			
B	Up to 1,000						
1009, 1122	AW	A240 316 S31600	B16 C36000	Up to 1,000			
1008, 1009	S	A240 316 S31600	A240 316 S31600	Up to 15,000			
1150H, 1038, 1339	A	B103 C51000	B16 C36000	Up to 1,000			
1082	P	B865 N05500	B164 N04400	Up to 10,000			
1084	S	A 240 316 S31600	A240 S31600	Up to 60			
1127, 1128				Up to 1,200			
1259	P	B865 N05500	B164 N04400	Up to 1,500			
1125/1125A	Bronze	B103 C51000	B62 C83600	Up to 1,000			
1005M	R	A240 S31635	A108 G12144	Up to 400			150
1001	A	B103 C51000/ A240 S31600	B16 C36000/ A240 S31600	Up to 700			
1000, 1005/1005S/1005P, 2071, 1007				Up to 600			
3005				Up to 15,000			
1008, 8008				Up to 400			
12DDG, 50DDG	Beryllium Copper	B194 C17200	B453 C35300	Up to 1,200			
15DDG				Up to 300			
23DDG				Up to 400			
40DDG				Up to 400			

- Note:
 1. A240 31600 has mechanical properties of 316 and chemical properties of 316L.
 2. 1008AW to 1000 psi maximum, using C64200 B150 socket

ATTACHMENT TO
CSA-0F888.5 ADDI
 Signed: *[Signature]*
 178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

Approved by: Chris Blatherwick Signed: [Signature] Date: 9/19/16

Revision 1 updates

Component	Registered 1008		Additional 1008		Additional 8008	Notes on Additions
Back connect Socket	360B136 358C136	= =	360C150 360C153	=	360B156	same socket design
Straight socket	351B283 346B213 346B152	=	346B195	=	346B245	same socket design
Tube blank (1-6K)	145B128	=	145B128	=	145B128	identical
Tube (helical)	145D130	=	145D130	=	145D130	identical
Tube blank (10-15K)	145B134	=	145B134	=	145B134	identical
C type tube	142B207 142B200 142G222	= =	142B207 142B200	=	142B380	same average wall thickness

*Note: only relevant drawings to revision 1 are provided



40F4

ATTACHMENT TO

C.R.N. CSA-0F8388-56A001

Signed Ashtwell

178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3



Lloyd's Register
LRQA

CERTIFICATE OF APPROVAL

This is to certify that the Quality Management System of:

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

has been approved by Lloyd's Register Quality Assurance
to the following Quality Management System Standards:

ISO 9001:2008

The Quality Management System is applicable to:

**Design and Manufacture of Pressure and Temperature
Calibration and Measurement Equipment. Distribution
of Pressure and Temperature Measurement Equipment
Sourced Globally.**

Approval
Certificate No: UQA 0100118

Original Approval: January 11, 1994

Current Certificate: February 1, 2015

Certificate Expiry: **January 31, 2018**


Issued by: Lloyd's Register Quality Assurance, Inc.



1330 Enclave Parkway, Suite 200, Houston, Texas 77077, USA



Saskatchewan
Municipal
Government

Saskatchewan

Protection Services
330 - 1851 Victoria Avenue
Regina, Saskatchewan
S4P 3V7

787-4509

April 23, 1998

Re: Fittings Registration

The Province of Saskatchewan will be participating with Quebec, Manitoba and the Canadian Standards Association (CSA) in a pilot project for the registration of fittings. We will recognize registrations done by CSA and accept such fittings for use in Saskatchewan.

The letters CSA will be applied as a prefix to the CRN to indicate which fittings have been registered in this manner. I would appreciate if you could inform your clients of this additional marking requirement.

You may also inform your clients that fittings registered by CSA are accepted for use in Saskatchewan.

Yours truly,


N. Surtees, P. Eng.
Executive Director