



14th Floor, Centre Tower  
3300 Bloor Street West  
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Tel.: 416.734.3300  
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Toll Free: 1.877.682.8772

[www.tssa.org](http://www.tssa.org)

May 29, 2014

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

Service Request Type.: BPV-National CSA  
Service Request No.: 1328444  
Your Reference No.: ISO-RING TYPE 80, TYPE 81  
Registered to.: ASHCROFT INC.

Dear CHRISTIAN BLATHERWICK,

Please find enclosed the original response from QC,SK, registered under the CRN No.: CSA-0F16596.56.

As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you.  
For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail [customerservices@tssa.org](mailto:customerservices@tssa.org). When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Tanya Francis  
Administrative Assistant\_ BPV Engineering  
Tel. : 416-734-3423  
Fax : 416-231-6183  
Email : [tfrancis@tssa.org](mailto:tfrancis@tssa.org)



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

Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below



## 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 203-385-0318 203-385-0662  
(Plant Address) (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:

ISO-RING, TYPE 80 (WAFER), TYPE 81 (BOLT THRU); scope of registration summary: SOR-ISO01-REV0  
(drawings, calculations, test reports, etc.)

Declared before me at Stratford, CT in the County of Fairfield.  
 the 8 day of January, AD 20 14.

Commissioner for Oaths:

Olimpia DeCrescenzo  
(Printed name)  
O.M. DeCrescenzo  
(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-OF16596.56

Registered by: R. BARNES

Dated: MARCH 21 2014

NOTE: This registration expires on Jan 21, 2024

**CSA INTERNATIONAL**  
**REGISTERED**  
 C.R.N.: CSA-OF16596.56  
 Signed: [Signature]  
 Date: MARCH 21 2014  
 178 Rexdale Blvd., Toronto, ON M9W 1R3

**\*Note: See the attachment for the scope of the registration**


ASHCROFT Incorporated  
250 Main Street, Stratford, CT, 06614, USA

## SOR-ISO01-REV0 Ashcroft ISO-RING Type 80 (Wafer), Type 81 (Bolt Thru)

ISO-Ring Products	Materials of construction	Max. Pressure (psi)	Max. Temp. (°F)	Code of Construction
Type 80 (Wafer)	A 240, 316L UNS S31603	750	-20 to 750 [3]	ASME B31.3 - 2012
Type 81 Class 150 (Bolt thru)		290		
Type 81 Class 300 (Bolt Thru)	A 516 GRADE 70 UNS K02700	750		


1. Consult manufacturer before use
2. Consult catalogue for intermediate temperatures and pressures and other options
3. A240 316L UNS S31603 permissible lower temperature -70 °F.
4. Based upon ISO01-REV0 code calculations.

Approved by: Chris Blatherwick

Signed: 


Date: 12/10/13

THIS IS PART OF  
CRN OF16596.5  
Technical Standards & Safety Authority  
Boilers & Pressure Vessels  
Safety Program  
Wale Jun 21/14

  
CANADIAN STANDARDS  
ASSOCIATION

ATTACHMENT TO

CRN CSA-OF16596.56

SIGNED 

178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3



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

Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below



## STATUTORY DECLARATION Registration of Fittings

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

of Willy Instrumentos De Medicao E Controle LTDA.  
(Name of Manufacturer)

Located at Rua Joao Pessoa, 620, Centro, 09520-000 - Sao Caetano Do Sul/SP, Brazil 203-385-0318 203-385-0662  
(Plant Address) (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, Bureau Veritas

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:

ISO-RING, Type 80 (WAFER), TYPE 81 (BOLT THRU); scope of registration summary SOR-ISO01-REV0  
(drawings, calculations, test reports, etc.)

Declared before me at Stratford in the State of CT

the 8 day of January AD 20 14.

Commissioner for Oaths:

Olimpia De Crescenzo  
(Printed name)

O.M. De Crescenzo  
(Signature)

[Signature]  
(Signature of Declarer)

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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.

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**CSA INTERNATIONAL**

**REGISTERED**

C.R.N.: CSA-OF16596.56

Signed: [Signature]

Date: MARCH 21 2014

178 Rexdale Blvd., Toronto, ON M9W 1R3

**\*Note: See the attachment for the scope of the registration**


ASHCROFT Incorporated  
250 Main Street, Stratford, CT, 06614, USA

**SOR-ISO01-REV0**  
**Ashcroft ISO-RING Type 80 (Wafer), Type 81 (Bolt Thru)**

ISO-Ring Products	Materials of construction	Max. Pressure (psi)	Max. Temp. (°F)	Code of Construction
Type 80 (Wafer)	A 240, 316L UNS S31603  A 516 GRADE 70 UNS K02700	750	-20 to 750 [3]	ASME B31.3 - 2012
Type 81 Class 150 (Bolt thru)		290		
Type 81 Class 300 (Bolt Thru)		750		


1. Consult manufacturer before use
2. Consult catalogue for intermediate temperatures and pressures and other options
3. A240 316L UNS S31603 permissible lower temperature -70 °F.
4. Based upon ISO01-REV0 code calculations.


Approved by: Chris Blatherwick

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