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

April 15, 2013

JEREMY PAYNE  
ASHCROFT INC.  
250 E MAIN STREET  
STRATFORD CT 06614  
US

Service Request Type.: BPV-National BC  
Service Request No.: 1031178  
Your Reference No.: PRP-G REV0, PRP-SG-REV0  
Registered to.: ASHCROFT INC.

Dear JEREMY PAYNE,

Please find enclosed the original response from BC, registered under the CRN No.: 0F8388.51.

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)



505 - 6th Street, Suite 200  
New Westminster, BC V3L 0E1

Toll Free: 1-866-566-SAFE  
Fax: (778) 396 - 2064  
www.safetyauthority.ca

TECHNICAL STANDARDS & SAFETY AUTHORITY  
14TH FLOOR CENTRE TOWER-3300 BLOOR STREE  
TORONTO ON M8X 2X4

**Date:** March 1, 2013  
**Account #:** 35231  
**Journal #:** 56629  
**Our File #:** 5403450

**Attn:** TANYA FRANCIS

**Re:** Application for Design Registration

The design, as detailed in your, TSSA Service Request No: 1031178, for a Fitting is accepted for registration as follows:

**Registered To:** ASHCROFT INC

**CRN:** 0F8388.51

**Drawing #:** PRP-G, PRP-SG, SOR-SG, SOR-G

**Drawing Revision:** Scope as per TSSA's

**Conditions Of Registration:**

Registration of Sanitary Pressure Gauges, & Bourdon Gauges per attached scope of registration

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.

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

SHARON PETERS  
(778) 396-2027  
Sharon.Peters@safetyauthority.ca  
Design Administration

**cc:**

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

THIS IS PART OF  
 CRN 0F8388 JRB  
 Technical Standards & Safety Authority  
 Control of Pressure Vessels  
 Safety Program

BCSA J# 56629 1/2

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 - 2010
	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					
1279, 1379, 1377, 2462, 1109	B	A519 G41300	A108 G10180	Up to 6,000		
	WWS	<del>B637 N07718</del>	<del>A240 S31600</del>	<del>Up to 100,000</del>		
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		
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						
12DDG, 50DDG						
15DDG	Beryllium Copper	B194 C17200	B453 C35300	Up to 400		
23DDG				Up to 1,200		
40DDG				Up to 300		
				Up to 441		

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

Approved by: JEREMY RYAN Signed: JMP Date: 1/24/2013

**SOR-SG-REV0**  
**Ashcroft Sanitary Bourdon Gauge Scope of Registration**

BCSA J#56629 2/2

Gauge Products	Sizes (in)	Housing Material	Diaphragm Material	Max. Pressure (psi)	Max. Temp. (°F)	Code of Construction
1032	1 ½, 2	A276	A167	Up to 1,000	280	ASME B31.3 - 2010
1036	½, ¾, 1, 1 ½, 2	S31603 316L	S31603 316L			

Approved by: JEREMY PAYNE

Signed: JMP

Date: 1/24/2013

THIS IS PART OF  
CRN 0F8388.5R3  
Technical Standards & Safety Authority  
Boilers & Pressure Vessels  
Safety Program



505 - 6th Street, Suite 200  
New Westminster, BC V3L 0E1

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TECHNICAL STANDARDS & SAFETY AUTHORITY  
14TH FLOOR CENTRE TOWER-3300 BLOOR STREE  
TORONTO ON M8X 2X4

**Date:** December 20, 2013  
**Account #:** 35231  
**Journal #:** 56629  
**Our File #:** 5480018

**Attn:** TANYA FRANCIS

**Re:** Application for Design Registration

The design, as detailed in your, TSSA Service Request No: 1290716, for a Fitting is accepted for registration as follows:

**Registered To:** WILLY INSTRUMENTOS DE MEDICAO E CONTROLE LTDA  
**CRN:** 0F8388.51

**Drawing #:** PRP-G, PRP-SG, SOR-SG, SOR-G

**Drawing Revision:** 0

**Conditions Of Registration:**

Registration of Sanitary Pressure Gauges, & Bourdon Gauges per attached scope of registration.

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 February 11, 2023. 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.

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

SHARON PETERS  
(778) 396-2027  
Sharon.Peters@safetyauthority.ca  
Design Administration

**cc:**

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 - 2010
	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		A108 G10180	Up to 6,000		
1279, 1379, 1377, 2462, 1109	B	A519 G41300	A240 S31600	Up to 100,000		
	WWS	B637 N07718	A240 S31600	Up to 100,000		
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						
12DDG, 50DDG	Beryllium Copper	B194 C17200	B453 C35300	Up to 400		
15DDG				Up to 1,200		
23DDG				Up to 300		
40DDG				Up to 441		

Note:

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



Approved by: JEREMY FEIYNE Signed: [Signature] Date: 1/24/2013

BCSAJ#56629

SOR-SG-REV0

Ashcroft Sanitary Bourdon Gauge Scope of Registration

Gauge Products	Sizes (in)	Housing Material	Diaphragm Material	Max. Pressure (psi)	Max. Temp. (°F)	Code of Construction
1032	1 ½, 2	A276 S31603	A167 S31603	Up to 1,000	280	ASME B31.3 - 2010
1036	½, ¾, 1, 1 ½, 2	316L	316L			

Approved by: JEREMY PAYNE

Signed: JMP

Date: 1/24/2013



BCCA J#56629