

September 18, 2019

Attention: Joanna Karpinski
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO, ON M9W 6N9

The design submission, tracking number 2019-05079, originally received on July 17, 2019 was surveyed and accepted for registration as follows:

CRN : 0C10908.52 **Accepted on:** September 18, 2019
Reg Type: ADDITION TO ACC. FITTING **Expiry Date:** March 07, 2026
Drawing No. : TSSA SCOPE OF REGISTRATION
Fitting type: 3-PIECE BALL VALVES
Design registered in the name of : CONBRACO INDUSTRIES INC

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

TSSA Service Request No.: 2634138

The scope of this registration is the addition of the following 3-piece ball valves to CRN 0C10908.52 as identified in the scope of registration and AB-41 statutory declaration form:

- Series 84A and 85A, pressure-temperature rating 1500 psi at 100 oF, code of construction ASME B31.3.
- Series 84B, 84L, 85B, 85C, 85D, 85E, 85G, 85J, and 85K, class 600, code of construction ASME B16.34.
- Sizes 3/4", 1", 1-1/2", 2", and 2-1/2".
- Materials and end connections as listed in the scope of registration.

As per your email on September 9:

- MDMT is -20 °F for valves designed to B31.3.
- Geometry, dimensions, and ends of valve series 85D, 85E, 85G, 85J, and 85K are the same as series 85B; the only difference is the material.

This submission has been accepted for registration based on the following understandings:

- All valves will be built in compliance with ASME B31.3 or B16.34 (as indicated above) in its entirety.
- CD3MN and CD3MWCuN material spec is A995.

The following catalog pages were provided for reference only: Apollo Valves Industrial Products, Carbon/Stainless/Alloy Steel 3-piece Standard Port Ball Valves, Series 84A/B/L and 85A/B/C (36 pages).

September 18, 2019

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

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 3344 or fax (780) 437-7787 or e-mail Rudolf@absa.ca.

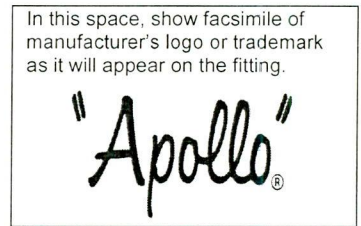
Sincerely,



RUDOLF, KEITH, P. Eng.
DOP Cert. No. D00008862

STATUTORY DECLARATION Registration of Fittings

I, RYAN TAYLOR, PROJECT ENGINEER (name of applicant) (position title) (must be in a position of authority) of CONBRACO INDUSTRIES, INC. (name of manufacturer) located at 1418 S. PEARL STREET, PAGELAND, SC 29728 (plant address)



do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (check one)

[X] comply with the requirements of ASME B16.34 or ASME B31.3 (1) (title of recognized North American Standard) which specifies the dimensions,

materials of construction, pressure/temperature ratings and identification marking of the fittings, or

[] are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with (title of code of construction or other applicable document) 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 manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, as being suitable for the manufacture of these

fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are

CATEGORY C - 3PC-Standard Port, Class 600 Ball Valves (sizes 3/4" to 2-1/2") (brief description of fittings)

In support of this application, the following information, calculations and/or test data are attached:

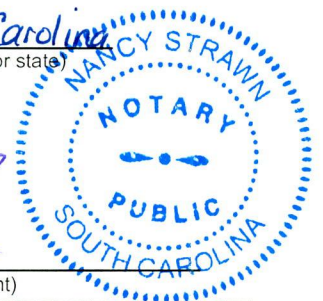
DRAWINGS, DESIGN CALCULATIONS, TECHNICAL SHEETS, ISO 9001:2015 CERTIFICATE

DECLARED before me at Pageland (city) in the state of South Carolina (province or state) this 21st day of May, 2019 (Month) (Year)

(print) Nancy Strawn (a Commissioner of Oaths or Notary Public)

(sign) Nancy Strawn (a Commissioner of Oaths or Notary Public)

(signature of applicant)



For ABSA Office Use Only:

NOTES: (1) Code editions are 2017 and 2016 respectively.

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Clause 4.2, and is accepted for registration in Category C

Registration Number: 0C10908.52

(Signature of the Administrator/SCO)

Date Registered: SEP 18 2019

Expiry Date: Mar 07 2026

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.

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



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

October 17, 2019

Ryan Taylor
CONBRACO INDUSTRIES
1418 PEARL STREET
PAGELAND SC 29728
US

Service Request Type.: BPV-National AB
Service Request No.: 2634138
Your Reference No.:
Registered to.: CONBRACO INDUSTRIES

Dear Ryan Taylor,

Please find enclosed the original response from AB, registered under the CRN No.: 0C10908.52.

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. 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



Apollo Industrial 3-Piece Standard Port Ball Valves					
Valve Series (requiring certification)	Material Specification	Design Standard	Available Sizes	End Connections	Technical File (Design Report)
84A	A216-WCB (C. Steel)	MSS SP-110,	3/4" 1" 1-1/2" 2" 2-1/2"	NPT SW BW (Sch. 5) BW (Sch. 10) BW (Sch. 40) BW (Sch. 80)	ES1623
85A	A351-CF8M (S. Steel)	ASME B31.3			
84B	A216-WCB (C. Steel)	ASME B16.34			
84L	A352-LCC (C. Steel)				
85B	A351-CF8M (S. Steel)				
85C	A351-CN7M (Alloy 20)				
85D	A494-CW12MW (Hastelloy C)				
85E	A494-M35-1 (Monel)				
85G	A479-316/316L (S. Steel)				
85J	CD3MN (2205 Duplex)				
85K	CD3MWCuN (2507 Super Duplex)				
					ES1624

ABSA	
SAFETY CODES ACT - PROVINCE OF ALBERTA	
REGISTRATION OF FITTINGS	
REGISTRATION NO.	<u>0C10908.52</u>
DWG. NO. or CAT. NO.	<u>TSSA Scope of Registration</u>
TYPE OF FITTINGS	<u>3-Piece Ball Valves</u>
SEP 18 2019	INITIALS <u>Keith Rudolf</u>
Date	KEITH RUDOLF, P.Eng. DESIGN SURVEY ENGINEER

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

Drawing Numbers											
Series	Configuration	Valve Size	Assembly No.	Body	End Cap	Stem	Seat	Stem Bearing	Body Seal	Gland Plate	
84B	84B-100	3/4	84B14401	U259112	L150912	G472512	D437400	D465300	D471800	I886700	
		1	84B14501	U259012	L151812	G473112	D437600	D465300	D471800	I621700	
		1 1/2	84B14701	U258912	L151912	G557806	D579800	D465300	D447600	I621800	
		2	84B14801	U258812	L152412	G473312	D463800	D465300	D471800	I621800	
		2 1/2	84B14901	U258712	L152912	G472712	D463900	D465300	D471800	I621904	
	84B-200	3/4	84B24401			L150812					
		1	84B24501			L150712					
		1 1/2	84B24701			L150612					
		2	84B24801			L150512					
		2 1/2	84B24901			L150412					
	84B-300	3/4	84B34401			L151012					
		1	84B34501			L151412					
		1 1/2	84B34701			L152012					
		2	84B34801			L152512					
		2 1/2	84B34901			L153012					
	84B-400	3/4	84B44401			L151112					
		1	84B44501			L151512					
		1 1/2	84B44701			L152112					
		2	84B44801			L152612					
		2 1/2	84B44901			L153112					
84B-500	3/4	84B54401			L151212						
	1	84B54501			L151612						
	1 1/2	84B54701			L152212						
	2	84B54801			L152712						
	2 1/2	84B54901			L153212						
84B-600	3/4	84B64401			L151312						
	1	84B64501			L151712						
	1 1/2	84B64701			L152312						
	2	84B64801			L152812						
	2 1/2	84B64901			L153312						
84L	84L-100	3/4	84L14401								
		1	84L14501								
		1 1/2	84L14701								
		2	84L14801								
		2 1/2	84L14901								
	84L-200	3/4	84L24401								
		1	84L24501								
		1 1/2	84L24701								
		2	84L24801								
		2 1/2	84L24901								
	84L-300	3/4	84L34401								
		1	84L34501								
		1 1/2	84L34701								
		2	84L34801								
		2 1/2	84L34901								
	84L-400	3/4	84L44401								
		1	84L44501								
		1 1/2	84L44701								
		2	84L44801								
		2 1/2	84L44901								
84L-500	3/4	84L54401									
	1	84L54501									
	1 1/2	84L54701									
	2	84L54801									
	2 1/2	84L54901									
84L-600	3/4	84L64401									
	1	84L64501									
	1 1/2	84L64701									
	2	84L64801									
	2 1/2	84L64901									
85B	85B-100	3/4	85B10401								
		1	85B10501								
		1 1/2	85B10701								
		2	85B10801								
		2 1/2	85B10901								
	85B-200	3/4	85B20401								
		1	85B20501								
		1 1/2	85B20701								
		2	85B20801								
		2 1/2	85B20901								
	85B-300	3/4	85B30401								
		1	85B30501								
		1 1/2	85B30701								
		2	85B30801								
		2 1/2	85B30901								
	85B-400	3/4	85B40401								
		1	85B40501								
		1 1/2	85B40701								
		2	85B40801								
		2 1/2	85B40901								
85B-500	3/4	85B50401									
	1	85B50501									
	1 1/2	85B50701									
	2	85B50801									
	2 1/2	85B50901									
85B-600	3/4	85B60401									
	1	85B60501									
	1 1/2	85B60701									
	2	85B60801									
	2 1/2	85B60901									

Configuration Legend	
-100	Socket Weld
-200	NPT
-300	BW Sch.5
-400	BW Sch.10
-500	BW Sch.40
-600	BW Sch.80

Same as 84B-100

0010908.52

SEP 18 2019

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

Same as 84B-100

Same as 84B-200

Same as 84B-300

Same as 84B-100

Same as 84B-400

Same as 84B-500

Same as 84B-600

Same as 84B-100

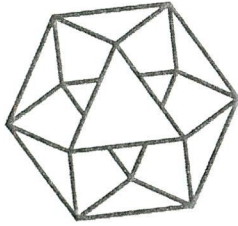
Same as 84B-200

Same as 84B-300

Same as 84B-400

Same as 84B-500

Same as 84B-600



NSAI

0010908.52

Certificate of Registration
of Quality Management System
to ISO 9001:2015

The National Standards Authority of Ireland certifies that:

**Conbraco Industries, Inc.
1418 S. Pearl Street
Pageland, SC 29728
USA**



has been assessed and deemed to comply with the requirements of the above standard in respect of the scope of operations given below:

**Design and Manufacture of Fluid Control Products
Under the Apollo Trademark; The Provision of Contract
Calibration Services**

Additional sites covered under this multi-site certification are listed on the Annex (File No. 19.8159)

Approved by:
Geraldine Larkin Chief
Executive Officer

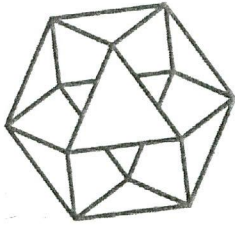
Approved by:
Lisa Greenleaf
Operations Manager

Registration Number: 19.8159
Certification Granted: Feb 20, 2018
Effective Date: Sep 15, 2018
Expiry Date: Sep 14, 2021



National Standards Authority of Ireland, 20 Trafalgar Square, Nashua, New Hampshire, NH 03063, USA T +1 603 882 4412

Annex to Certificate Number: 19.8159



NSAI

0010908.52

Scope of Registration:

Design and Manufacture of Fluid Control Products Under the Apollo Trademark; The Provision of Contract Calibration Services

Activity

Location

Central Function, Design,
Purchasing, Manufacturing,
Distribution, Customer Service,
Contract and Internal Calibration

Conbraco Industries, Inc.
1418 S. Pearl Street
Pageland, SC 29728
USA
File No.: 19.8159

Brass Foundry &
Machining Operations

Conbraco Industries, Inc.
1509 South Van Lingle
Mungo Blvd
Pageland, SC 29728
File No.: 19.8159/A

Corporate HQ, Sales,
Customer Service

Conbraco Industries, Inc.
701 Matthews Mint Hill Road
Matthews, NC 28105
File No.: 19.8159/B

Steel Foundry & Manufacturing
Operations

Conbraco Industries, Inc.
125 Highway 501 East
Conway, SC 29526
File No.: 19.8159/C

**Verified by:
Operations Manager**