



To:	TSSA	From:	Janet Townsend
Company:	Conbraco Industries	Phone:	416-747-4291
Pages:	10	Location:	Toronto
Our File:	ANR-5454	Date:	August 16, 2019

Your File: 2634148

Subject: Request for Design Registration

CSA has reviewed the documentation submitted by TSSA on behalf of Conbraco Industries. 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 CSA-0C10908.56ADD13

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
Program Manager
CSA Group
178 Rexdale Blvd.
Toronto, ON, M9W 1R3
Canada
www.csagroup.org



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.

N°	Description	Additional information (detail, calculations or approval sheets)
1	3PC-Standard Port, Class 600 Ball Valves	Sizes: 3/4", 1", 1-1/2", 2", and 2-1/2"
2	DESIGN REPORTS	ES1623, ES1624
3	TECH SHEETS	Tech Sheets for 84ABL & 85ABC
4	ASSEMBLY & TEST	ES1625, ES1626
5	INSTALLATION, OPERATION, & MAINT.	 1887900.K

2. Declaration 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 undersigned, RYAN TAYLOR PROJECT ENGINEER
(Name of the person in charge) (Title of the person in charge)

from CONBRACO INDUSTRIES, located at 1418 S. PEARL STREET, PAGELAND, SC 29728
(Company's name) (Plant's address)

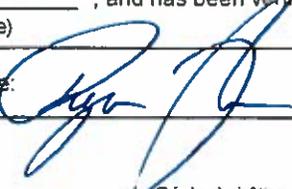
hereby declare that the above-mentioned fittings and subject to the Regulation respecting pressure installations:

comply with the requirements of the ANSI/ASME codes as to their dimensions, identification, material and purpose 
or
 are not covered by the ANSI/ASME codes, but are in compliance with _____
(Name of code or standard)

code or standard and are designed according to the best current engineering practice, as proven by the enclosed approval report.

2.2 Manufacturing quality control

I further declare that the manufacture of these fittings is controlled by a quality control program that complies with the requirements of the following code: ISO 9001:2015, and has been verified by N.T.L. STANDARDS AUTH. OF IRELAND
(Name of code) (Authorized agency)

Signature of the person in charge:  Date (yyyy-mm-dd): 2019-07-23

3. Declaration of commissioner for oaths

I certify that this declaration has been administered before me, at Bohageland, South Carolina, on 2019-07-23.
(Location) (Date (yyyy-mm-dd))

Signature of commissioner for oaths: Nancy Strawn

Date (yyyy-mm-dd): 2019-07-23

Stamp the seal:



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

As far as I know, this application complies with the requirements of the Act and with standard CSA B51, Part 1, section 4.2, and is accepted for registration in the class C.

This registration expires in ten (10) years after the date of registration indicated above, and it must be validated again after this period. Mar. 7. 2026

Canadian registration number (CRN):

REGISTERED



CRN: CSA-DC10908.56A0013

Registration Process administered by
CSA Group per CSA B51

Registration date (yyyy-mm-dd):

Aug. 13. 2019



A. BANWATT

Documents to attach

Any application registration for fittings must include these documents:

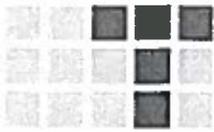
- Statutory Declaration Registration of Fittings (2 copies)
- Detailed calculations or burst test report (1 copy)
- Detailed technical drawings or catalogues (2 copies)
- Example of the manufacturer's marking (1 copy)
- Proof that a valid and approved quality control program has been implemented (1 copy)
- 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, 7^e étage
Montréal (Québec) H2M 2V2



Technical Safety Authority of Saskatchewan

REGISTERED



CRN: CSA-OC10908.56A0013

2202 2nd Ave.
Regina, SK S4R 1K3
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

Registration Process administered by

CSA Group per CSA B51

Statutory Declaration (Registration of Fittings)

TSK-1008

I. Declaration Information

I, RYAN TAYLOR
PROJECT ENGINEER
(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)
of: CONBRACO INDUSTRIES
(name of manufacturer)



located at: 1418 S. PEARL STREET PAGELAND, SC 29728
(Plant Address - Apt/Street) (City, Prov) (Postal Code)

do solemnly declare that the fittings listed hereinunder, which are subject to the *Saskatchewan Boiler and Pressure Vessel Safety Act* (check one)

- Comply with the requirements of ASME B16.34 or ASME B31.3 which specifies the dimensions, (title of recognized North American Standard) 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 _____ 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 verified by the following authority, NTL STANDARDS AUTHORITY OF IRELAND as being suitable for the manufacturer 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")

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

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



II. Declaration

DECLARED before me at Ryan Taylor of South Carolina state
this 23rd day of July 2019
Nancy Strawn (print name) [Signature] (Signature)
Nancy Strawn (Signature of Commissioner of Oaths)



III. Office Use Only

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 C

CSA-OC10908.56A0013
(Registration Number)

Aug. 13. 2019
(Date Registered - MM-DD-YYYY)
(For the Administrator or Chief Inspector)

Mar. 7. 2026
(Expiry Date - MM DD YYYY)
A. BANWATT

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



TSK-1008
Rev. 10/2012
Page 1 of 1



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

www.tssa.org

June 12, 2019

Ryan Taylor
CONBRACO INDUSTRIES
1418 PEARL STREET
PAGELAND SC 29728
US

Service Request Type: BPV-Fitting Registration
Service Request No.: 2596974
Your Reference No.:
Registered to: CONBRACO INDUSTRIES

Dear Ryan Taylor,

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

CRN: **0C10908.5ADD13**

Main Design No.: **APOLLO INDUSTRIAL 3-PIECE STANDARD PORT BALL VALVES -**
SEE SCOPE OF REGISTRATION

Expiry Date: 07-Mar-2026

Notes:

- 1) Addition of 84A and 85A series, designed to ASME B31.3 with pressure 1500psi@100F.
- 2) Addition of 84B/84L/85B/85C/85D/85E/85G/85J/85K series, designed to ASME B16.34 with ASME B16.34 P/T rating.
- 3) Size range: 3/4" to 2 1/2"
- 4) See scope of registration.

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

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,

Alan Wu P. Eng.
Mechanical Engineer, BPV
Tel. : 416-734-3443
Fax : 416-231-6183
Email : awu@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"	NPT SW BW (Sch. 5) BW (Sch. 10)	ES1623
85A	A351-CF8M (S. Steel)	ASME B31.3			
84B	A216-WCB (C. Steel)				
84L	A352-LCC (C. Steel)				
85B	A351-CF8M (S. Steel)				
85C	A351-CN7M (Alloy 20)		2-1/2"	BW (Sch. 40) BW (Sch. 80) SP GROUP	ES1624
85D	A494-CW12MW (Hastelloy C)	ASME B16.34			
85E	A494-M35-1 (Monel)				
85G	A479-316/316L (S. Steel)				
85J	CD3MN (2205 Duplex)				
85K	CD3MWCuN (2507 Super Duplex)				

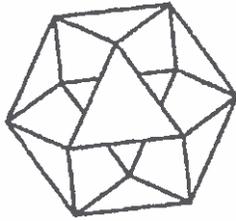
ATTACHMENT TO
C.R.N.: CSA-0C10908.57ADP13
 Signed: *Robert*
 178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

THIS IS PART OF
CRN 0C10908.57ADP13
 Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program

- 85J/K MATERIAL SPEC: A 995 (ASTM)

- 84A/85A DESIGNED TO ASME B31.3 WITH 1500 PSI COU (OUT)

- 84B/L & 85B/C/D/E/G/J/K SERIES, DESIGNED TO ASME B16.34 WITH B16.34 P/T RATING



NSAI

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



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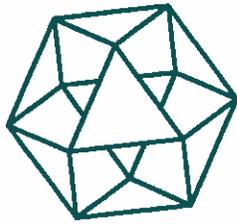
THIS IS PART OF
CRN 0C10908.5ADD13
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program

ATTACHMENT TO

C.R.N.: CSA-0C10908.56ADD13

Signed: [Signature]

175 Rexdale Boulevard, Toronto, ON Canada M9W 1R3



NSAI

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

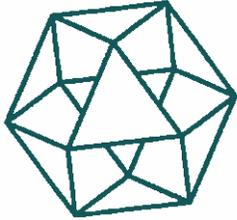
Approved by:
Lisa Greenleaf
Operations Manager

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

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Operations

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

**Verified by:
Operations Manager**



March 2019

CRN – Canadian Registration Numbers – Saskatchewan

The Province of Saskatchewan participates with Quebec and the Canadian Standards Association (CSA Group) for the registrations of “Fittings”.

Per an agreement with CSA Group in April 1998, Saskatchewan recognizes registrations done by CSA Group and accepts such fittings for use in Saskatchewan.

The letters “CSA” are applied as a prefix to the CRN to indicate which “Fittings” have been registered in this manner. You should inform your clients of this additional marking requirement and that “Fittings” registered by CSA Group are accepted for use in province of Saskatchewan, Canada.

178 Rexdale Blvd.
Toronto, Ontario
Canada M9W 1R3
Tel: (416) 747-4000
www.csagroup.org

