



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

"Apollo"

STATUTORY DECLARATION Registration of Fittings

I, CHAD NICOLAY, ENGINEER

(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of CONBRACO INDUSTRIES, INC.

(Name of Manufacturer)

Located at 1418 S. PEARL STREET, PAGELAND, SC 29728

(Plant Address)

(843) 679-6161

(Telephone No.)

(843) 672-1556

(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, TUV RHEINLAND OF NORTH AMERICA

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

PRODUCT DOCUMENTATION (DRAWINGS & CALCULATIONS), ISO 9001:2008 CERTIFICATE

(drawings, calculations, test reports, etc.)

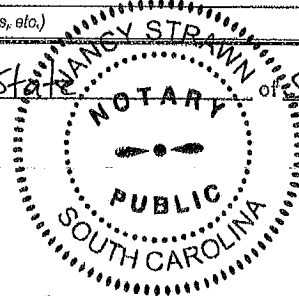
Declared before me at Pageland in the State of South Carolina

the 31ST day of March AD 2016

Commissioner for Oaths:

Nancy Strawn
(Printed name)

Nancy Strawn
(Signature)



Chad Nicolay
(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 C

CRN:

CSA-OC10908.56ADD9

Registered by:

A. BANWATT

Dated:

JULY 22 2016

NOTE: This registration expires on

MARCH 07 2018



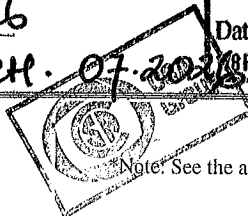
REGISTERED

C.R.N. CSA-OC10908.56ADD9

Signed: A. Banwatt

Date: 22 July 2016

18 Rexdale Boulevard, Toronto, ON Canada M9W1R3





14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario
Canada M8X 2X4
Tel: 416.734.3300
Fax: 416.231.1628
Toll Free: 1.877.682.8772
www.tssa.org

May 31, 2016

CHAD NICOLAY
CONBRACO INDUSTRIES
1418 PEARL STREET
PAGELAND SC 29728
US

Service Request Type: BPV-Fitting Registration
Service Request No.: 1841430
Your Reference No.: INDUSTRIAL BALL VALVE APPLICATION/RENEWAL
Registered to: CONBRACO INDUSTRIES

Dear CHAD NICOLAY,

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

CRN No.: 0C10908.5ADD9
Main Design No.: VALVE SERIES 87T, 86T, T - SEE CHART FOR DETAILS, SIZES
Expiry Date: 07-Mar-2026


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

1. See one sheet of attachment to Statutory Declaration for scope, connections and pressure ratings.
2. Valve thicknesses per ES1579A/B, ES1580 and ES1581.
3. Flange dimensions per Section 12.3 of ES1579A/B, other flanged connections per ASME B16.5.
4. Calculations done for ambient temperatures; MAWP will be adjusted based on Max. Allowable Stress values at elevated temperatures, per charts provided.

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

 CSA Group 1 OF 2
ATTACHMENT TO
C.R.N. <u>CSA-0C10908.56ADD9</u>
Signed: <u>Asbwaat</u>
178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3



Apollo Flanged Ball Valves			
Valve Series	Material	Technical File	ASME Standard
87T	B367-C3 (Titanium)	ES1579A, B	B31.3

Apollo Industrial 3-Piece Ball Valves			
Valve Series	Material	Technical File	ASME Standard
86T	B367-C3 (Titanium)	ES1580	B31.3

Apollo Top Entry Ball Valves			
Valve Series	Material	Technical File	ASME Standard
T	B367-C3 (Titanium)	ES1581	B31.3

Available Sizes (150#/300#)		
SP	FP	FP
1"	1/2"	
1.5"	3/4"	
2"	1"	
2.5"	1.5"	
3"	2"	
4"	2.5"	
6"	3"	
8"	4"	
10"	6"	
12"	8"	

Size	Available Sizes		
	NPT	Socket	Butt Weld
1/4"			
1/2"			
3/4"			
1"			
1.5"			
2"			

Available Sizes (150#/300#)		
SP	FP	FP
1/2"		
3/4"		
1"	1"	
1.5"	1.5"	
2"	2"	
2.5"	2.5"	
3"	3"	
4"	4"	
6"	6"	
8"	8"	
10"	10"	
12"	12"	

Available Sizes 600#	
SP	FP
1"	
1.5"	
2"	
2.5"	
3"	
4"	
6"	
8"	
10"	
12"	

THIS IS PART OF
 CRN OC 10908.S ADD9
 Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program

CSA Group
 ATTACHMENT TO
 CRN OC 10908.S ADD9
 Signed: *[Signature]*
 18 Redvale Boulevard, Toronto, ON Canada M9W 1R3

Available Sizes 600#	
SP	FP
1/2"	
3/4"	
1"	1"
1.5"	1.5"
2"	2"
2.5"	2.5"
3"	3"
4"	4"
6"	6"
8"	8"