Ball Valves

CRN 0C10908 ADD10

MODEL Various EXP. 03/07/2026

CRN Documentation by Province: click highlighted links below to launch PDF

BRITISH COLUMBIA

ALBERTA

SASKATCHEWAN

MANITOBA

ONTARIO

QUEBEC

NEW BRUNSWICK

NOVA SCOTIA

PRINCE EDWARD ISLAND

NEWFOUNDLAND AND LABRADOR

NUNAVUT

NORTHWEST TERRITORIES

YUKON

Manufacturers Notes:

This CRN cover various models of Bronze, Brass and Lead Free Ball Valves



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 345 CARLINGVIEW DRIVE TORONTO ON M9W 6N9

Date: August 3, 2016

Account #: 35231 Journal #: 66091 Our File #: 5602072

Attn: TANYA FRANCIS

Re: Application for Design Registration

The design, as detailed in your, TSSA SR# 1911008, for a Fitting is accepted for registration as follows:

Registered To: CONBRACO INDUSTRIES INC CRN: 0C10908.51

Drawing #: Design Reports R-0605-1 etc

Drawing Revision: 0

Conditions Of Registration:

Reg'n of Bronze Brass Ball Valves w/conditions & mfg locations as per scope of reg'n shts (5 pgs).

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 March 07, 2026. 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

boiler.designregistration@safetyauthority.ca Design Administration

cc:

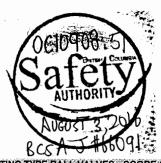


THIS IS PART OF CRN OC 10908 SADDIO Technical Standards & Safety Authority Boilers & Pressure Vessels Safety Program

16-Jun-16

CONBRACO INDUSTRIES INC. 701 MATTHEWS-MINT HILL ROAD MATTHEWS, NC USA, 28105

Valve Series	Valve Models	Material Description	Material Specification	Design Code	Size Range	End Connections	CRN MAWP at 100F (Note 1)	CRN MAWP at 406F (Note 1)	MDMT	Design Report#
70-100	70-100 70-140 70-190		-							
70-100-BC	70-100-BC									
70-200	70-200 70-240								-	
70-300	70-300 70-340									
70-400	70-400 70-440	1								
70-800	70-800	1				1				
70B-140	70B-140 70B-150 70B-190									
71-100	71-100 71-120 71-140	Bronze and	ASTM B584-C84400 ASTM B283-C37700	ASME B31.3		NDT Colder	000 min	405	- 20F	R-0605-1
	71-150 71-190	Brass	ASTM B62-C83600 ASTM B16-C36000	MSS SP-110	1/4" thru 3"	NPT, Solder	600 psig	425 psig	- 201	K-0005-1
71-500	71-500 71-540 71-590									
75-100	75-100	1						į	į	
77-100	77-100	1								
	77-140 77-150								1	
	77-190				1					
77-200	77-200	1								
	77-240									
	77-250				angelingstille taken terre och visc	tern vertilligen for the constraint and distributed for the constraint of the constr	Marian de Andrews no - Albertan - provincia	y to a recommendate supply to contact	and the state of t	
7K-100	7K-100									
	7K-150								1	
80-100	7K-190	1							ł	
80-100	80-100	1	<u> </u>		<u> </u>	<u></u>	1		<u> </u>	



THIS IS PART OF CRN OC 109 08 5 DD 10
Technical Standards & Safety Authority
Boilets & Erens Westerland

Page 2 of 3

Valve Series	Valve Models	Material Description	Material Specification	Design Code	Size Range	Connections	CRN MAWP at 100F (Note 1)	CRN MAWP at 406F (Note 1)	MDMT	Design Report #
70LF-100 70LF-200	70LF-100 70LF-140 70LF-200 70LF-240	Lead Free Bronze and	ASTM B584-C89836	ASME B31.3,	1/4" thru 3"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-2
70LF-300 70LF-400	70LF-300 70LF-340 70LF-400 70LF-440	Brass	ASTM B927-C27451	MSS SP-110	,, , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1, 00,00	,			
77C	77C-100 77C-140 77C-140 77C-100-UL 77C-200 77C-240 77C-240-UL 77C-800	Bronze and Brass	ASTM B584-C84400 ASTM B283-C37700 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-3
77CLF	77CLF-100 77CLF-140 77CLF-200 77CLF-240	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000	ASME B31.3, MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-
82	82-100 82-140 82-200 82-400	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 4"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-
82-LF	82LF-100 82LF-140 82LF-200 82LF-240	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000	ASME B31.3, MSS SP-110	1/4" thru 4"	NPT, Solder	600 psíg	250 psig	- 20F	R-0605-
95	95A 95-100 95-200	Bronze and Brass	ASTM B584-C84400 ASTM B283-C37700 ASTM B62-C83600 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/2" thru 1"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-
95	95ALF	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000	ASME B31.3, MSS SP-110	1/2" thru 1"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-
71-AR	71-AR	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	3/4" thru 3"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-

Page 3 of 3

Valve Series	Valve Models	Material Description	Material Specification	Design Code	Size Range	End Connections	CRN MAWP at 100F (Note 1)	CRN MAWP at 406F (Note 1)	MDMT	Design Report #
77-AR	77-AR	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-10
32-100	32-100	Bronze and	ASTM B584-C84400	ASME B31.3						
32-200	32-200	Brass	ASTM B16-C36000	MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-11
50GB	50GB GB50 GB50-A	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/2" thru 2"	NPT, Solder	250 psig	250 psig	- 20F	R-0605-12
70-600	70-600 70-640	Bronze and	ASTM B584-C84400	ASME B31.3						
70-900	70-900	Brass	ASTM B283-C37700 ASTM B16-C36000	MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-13
7B	7B-100 7B-300 7B-800	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-14
79	79 79-700	Brass	ASTM B283-C37700 ASTM B16-C36000 ASTM B75-C12200	ASME B31.3 ASME B31.5 MSS SP-110	3/8" thru 3-1/8"	Tube	500 psig	N/A	ASME B31.5 Grp. 2	R-0605-15

Note 1: The pressure-temperature ratings shown are the maximum CRN pressure-temperature ratings. In all cases the MAWP may be limited by the seat or seal material or other considerations. Please consult Conbraco / Apollo valve literature.

Note 2: See attached list of manufacturing locations applicable to this CRN.

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

CERTIFICATE



TUV Rheinland of North America, Inc.

1300 Massachusetts Avenue, Suite 103, Boxborough, MA 01719



Hereby certifies that



Conbraco Industries, Inc.



701 Matthews-Mint Hill Road Matthews, NC 28105

has established and maintains a quality management system for the

Design and Manufacture of Flow and Pressure Relief Valves for Residential, Industrial and Medical Applications Under the Apollo Trademark; The Provision of Contract Calibration Services

An audit was performed and documented in Report No 2418. Proof has been furnished that the requirements according to

ISO 9001:2008

are fulfilled.

Further clarification regarding the scope of this certificate and the applicability of ISO 9001:2008 requirements may be obtained by contacting TRNA.

Certificate Registration No.

74 300 2418

Certificate Issue Date

December 01, 2015

Certificate Expiration Date **September 14, 2018**

Revised 11/30/2015 Certification Decision 11/30/2015



Certification of Management Systems

APPENDIX



TUV Rheinland of North America, Inc.

1300 Massachusetts Avenue, Suite 103, Boxborough, MA 01719

This appendix lists the sites certified under Certificate Number

CRN o C(09085/10)CRN o

74 300 2418, valid until September 14, 2018

For



Conbraco Industries, Inc.



SITE ADDRESS	ACTIVITIES RELATING TO:					
701 Matthews-Mint Hill Road	Corporate HQ; Sales and Customer					
Matthews, NC 28105	Service					
1418 S. Pearl Street	Design, Manufacturing, Calibration &					
Pageland, SC 29728	Distribution and Customer Service					
1509 South Van Lingle Mungo Blvd Pageland, SC 29728	Foundry & Machining Operations					
125 Highway 501 East Conway, SC 29526	Foundry & Manufacturing Operations					

This appendix is only valid in conjunction with the referenced certificate.

Revised 11/30/2015 Certification Decision Date 11/30/2015



Ceptification of Management Systems

Page 1 of 1

9410 - 20 Ave N.W.

Edmonton, Alberta, Canada T6N 0A4

Tel: (780) 437-9100 / Fax: (780) 437-7787

July 27, 2016

Attention: Tanya Francis

TECHNICAL STANDARDS & SAFETY AUTHORITY

345 CARLINGVIEW DRIVE TORONTO, ON M9W 6N9

The design submission, tracking number 2016-04142, originally received on July 27, 2016 was surveyed and accepted for registration as follows:

CRN:

0C10908.52

Accepted on: July 27, 2016

Reg Type:

Addition to Acc. Fitting

Expiry Date: March 07, 2026

Drawing No.: DESIGN REPORT R-0605-1 BRONZ BRASS BALL VALVES

Fitting type: BALL VALVES

Design registered in the name of : CONBRACO INDUSTRIES INC

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.

Sincerely,

GRYNCHUK, MILLA





In this space, show facsimile of manufacturer's logo or

STATUTORY DECLARATION Registration of Fittings

I, D	AVID EDMONDS	, SENIOR PRODUCT ENGINEER	trademark as it will appear on the fitting.
	(name of applicant)	(position title) (must be in a position of authorit	^(y)
of _C	CONBRACO INDUSTRIES, IN		_ Apollo Valves
		(name of manufacturer)	Manufactured by Conbraco Industries Inc.
locat	ed at 1418 S. PEARL STREE	T, PAGELAND, SC 29728, USA	
	olemnly declare that the fittings ck one)	(plant address) s listed hereunder, which are subject to the Sa	fety Codes Act
\boxtimes	comply with the requirement	ts of ASME B31.3 wh (title of recognized North American Standard)	ich specifies the dimensions,
	materials of construction, pr	ressure/temperature ratings and identification	marking of the fittings, or
	are not covered by the provi	isions of a recognized North American standar	rd and are therefore manufactured
	to comply with		as supported by the
	attached		
		code of construction or other applicable document)	
	data which identifies the dim	nensions, materials of construction, pressure/t	emperature ratings and the basis
	for such ratings, and the ma	arking of the fittings for identification.	
I furt	her declare that the manufactu	re of these fittings is controlled by a quality co	ontrol program which has been
verifi	ied by the following authority, 1	ΓUV (ISO:9001:2008) as being s	uitable for the manufacture of these
	· -	fittings covered by this declaration, for which	
		the second secon	
	ATEGORY C BALL VALVES	(brief description of fittings)	
In su	upport of this application, the fo	ollowing information, calculations and/or test d	ata are attached:
	COPE OF CRN, DRAWINGS, (•	2.0 0.0 0.00.00.00.00.00.00.00.00.00.00.0
	DOFE OF CINN, DIVAVVINGS, V	CALCULATIONS, INLFORTS	**************************************
DEC	CLARED before me at <u>Page</u> (land in the <u>State</u> of Of City) Sanuary , <u>2016</u> (Month)' (Year)	South Carolina TAA
(prin		Notary Public)	CAROLINA
(sigr	n) <u>Nancy Straw</u> (a Commissioner of Oaths or N	Notary Public) (sign	nature of applicant)
For	ABSA Office Use Only:		
NOT	•		
To the Star	he best of my knowledge and b ndard B51, Clause 4.2, and is a	pelief, the application meets the requirements accepted for registration in Category 908.52	encheer L
Date	e Registered: JUL 27	~ ~ · · ·	ture of the Administrator/SCO) AUCH OF, AOSH

CONBRACO INDUSTRIES INC.

701 MATTHEWS-MINT HILL ROAD MATTHEWS, NC USA, 28105

Page 1 of 3

Valve	Valve	Material	Material	Design	Size	End	CRN MAWP	CRN MAWP	MDMT	Design
Series	Models	Description	Specification	Code	Range	Connections	at 100F	at 406F		Report #
							(Note 1)	(Note 1)		
70-100	70-100									
	70-140									
	70-190									
70-100-BC	70-100-BC									
70-200	70-200	7								
	70-240									
70-300	70-300]								
	70-340									
70-400	70-400									
	70-440									
70-800	70-800									
70B-140	70B-140									
	70B-150		1							
	70B-190						ŀ			
71-100	71-100	7								
1	71-120		ASTM B584-C84400							
	71-140	Bronze and	ASTM B283-C37700	ASME B31.3	1/4" thru 3"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-1
	71-150	Brass	ASTM B62-C83600	MSS SP-110	1/4 4114 5	I WI I, COIGCI	occ parg	120 poig		
	71-190		ASTM B16-C36000		Parameter 1	2000				
71-500	71-500						OMA			
	71-540						ARA .			
	71-590					PETY CODES	ACT - PROVI	ICE OF ALBEI	TTA	
75-100	75-100				7,400	I			"^	
77-100	77-100	7				MEGISTA	ATION OF	FITTINGS		
	77-140			1			0010	908.	50	
	77-150				PE	SISTRATION NO	OCTO	7700.	52	
	77-190				No.					
77-200	77-200) Dw	G 190 of CAT. N	р. <u>IC</u>	0/20		
	77-240				28.02		100			
]	77-250					E OF SITTINGS	Val	wes.	n n n n n n n n n n n n n n n n n n n	
7K-100	7K-100	1				L 27 20	is ~			ĺ
	7K-150		,		2000	1- 21 20	NITIALS	X		
l	7K-190				Det.	4	MILLA	GRYNCHUK, P.E	na.	
80-100	80-100	7	1	1	l š		DESIGN	SURVEY ENGINE		l

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			ATING TYPE BALL VA							_
Valve Series	Valve Models	Material Description	Material Specification	Design Code	Size Range	End Connections	CRN MAWP at 100F (Note 1)	CRN MAWP at 406F (Note 1)	MDMT	Design Report #
70LF-100 70LF-200 70LF-300	70LF-100 70LF-140 70LF-200 70LF-240 70LF-300	Lead Free Bronze and	ASTM B584-C89836 ASTM B927-C27451	ASME B31.3, MSS SP-110	1/4" thru 3"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-2
70LF-400	70LF-340 70LF-400 70LF-440	Brass			·					
77C	77C-100 77C-140 77C-100-UL 77C-200 77C-240 77C-200-UL 77C-800	Bronze and Brass	ASTM B584-C84400 ASTM B283-C37700 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-3
77CLF	77CLF-100 77CLF-140 77CLF-200 77CLF-240	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000	ASME B31.3, MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-4
82	82-100 82-140 82-200 82-400	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 4"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-5
82-LF	82LF-100 82LF-140 82LF-200 82LF-240	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000	ASME B31.3, MSS SP-110	1/4" thru 4"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-6
95	95A 95-100 95-200	Bronze and Brass	ASTM B584-C84400 ASTM B283-C37700 ASTM B62-C83600 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/2" thru 1"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-7
95	95ALF	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000	ASME B31.3, MSS SP-110	1/2" thru 1"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-8
71-AR	71-AR	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	3/4" thru 3"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-9

Valve Series	Valve Models	Material Description	Material Specification	Design Code	Size Range	End Connections	CRN MAWP at 100F (Note 1)	CRN MAWP at 406F (Note 1)	MDMT	Design Report #
77-AR	77-AR	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-10
2-100	32-100	Bronze and	ASTM B584-C84400	ASME B31.3	4.45.4	NDT 0 11	400 :	005		D 0005 44
2-200	32-200	Brass	ASTM B16-C36000	MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-11
0GB	50GB GB50 GB50-A	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/2" thru 2"	NPT, Solder	250 psig	250 psig	- 20F	R-0605-12
0-600	70-600 70-640	Bronze and	ASTM B584-C84400	ASME B31.3						
0-900	70-900	Brass	ASTM B283-C37700 ASTM B16-C36000	MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-13
В	7B-100 7B-300 7B-800	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-14
9	79 79-700	Brass	ASTM B283-C37700 ASTM B16-C36000 ASTM B75-C12200	ASME B31.3 ASME B31.5 MSS SP-110	3/8" thru 3-1/8"	Tube	500 psig	N/A	ASME B31.5 Grp. 2	R-0605-15

OC10808'25

CERTIFICATE



TUV Rheinland of North America, Inc.

1300 Massachusetts Avenue, Suite 103, Boxborough, MA 01719

Hereby certifies that



Conbraco Industries, Inc.



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Design and Manufacture of Flow and Pressure Relief Valves for Residential, Industrial and Medical Applications Under the Apollo Trademark; The Provision of Contract Calibration Services

An audit was performed and documented in Report No 2418. Proof has been furnished that the requirements according to

ISO 9001:2008

are fulfilled.

Further clarification regarding the scope of this certificate and the applicability of ISO 9001:2008 requirements may be obtained by contacting TRNA.

Certificate Registration No.

74 300 2418

Certificate Issue Date

December 01, 2015

Certificate Expiration Date **September 14, 2018**

Revised 11/30/2015 Certification Decision 11/30/2015





APPENDIX 3030100



TUV Rheinland of North America, Inc.

1300 Massachusetts Avenue, Suite 103, Boxborough, MA 01719

This appendix lists the sites certified under Certificate Number

74 300 2418, valid until September 14, 2018

For



Conbraco Industries, Inc.



SITE ADDRESS	ACTIVITIES RELATING TO:				
701 Matthews-Mint Hill Road	Corporate HQ; Sales and Customer				
Matthews, NC 28105	Service				
1418 S. Pearl Street	Design, Manufacturing, Calibration &				
Pageland, SC 29728	Distribution and Customer Service				
1509 South Van Lingle Mungo Blvd Pageland, SC 29728	Foundry & Machining Operations				
125 Highway 501 East Conway, SC 29526	Foundry & Manufacturing Operations				

This appendix is only valid in conjunction with the referenced certificate.

Revised 11/30/2015 Certification Decision Date 11/30/2015







To:	TSSA	From:	Janet Townsend
Company:	Conbraco Industries	Phone:	416-747-4291
Pages:	11	Location:	Toronto
Our File:	ANR-4192	Date:	October 18, 2016

Your File: 1911024

Subject: Request for Design Registration

Dear Ms. Francis.

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-0C10908.56ADD10.

The cost for this service is \$ 760.00 plus HST.

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

Janet Townsend

Account Manager CSA Group

janet.townsend@csagroup.org

www.csagroup.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. DAVID EDMONDS, SENIOR PRODUCT 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, USA 843-672-6161 843-672-1648 (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, TUV The items covered by this declaration, for which I seek registration, are category C - BALL VALVES type fittings. In support of this application, the following information and/or test data are attached as follows: SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS (drawings, calculations, test reports, etc.) Declared before me at <u>Pageland</u> South Carolina in the <u>Country</u> _____ day of <u>January</u> AD 20 16 . **Commissioner for Oaths:** (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, Bollers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category REGISTERED CRN.CSA-OCIOGOS. 56ADOTD CRN: A. BANWATT Registered by: OCTOBER. 05.2016 Dated: 178 Rexdale Boulevard, Toronto, QN Canada M9W 1R3 MARCH OF .. NOTE: This registration expires on



14th Floor, Centre Tower 1300 Sloor Street West Toronto, Ontario Carada M6X 2X4 TeL: 418,734,1300 Fax: 418,231,1625 Toll Free, 1,977,682,8772

www.bssa.org

June 17, 2016

SCOTT ISLIP ROUND ENGINEERING INC 10 SEGWUN RD WATERDOWN ON LOR 2H8 CA

Service Request Type: BPV-Fitting Registration

Service Request No.: 1877066 Your Reference No.: CONBRACO

Registered to: CONBRACO INDUSTRIES

Dear SCOTT ISLIP.

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

CRN No.: 0C10908.5ADD10

Main Design No.:

DESIGN REPORT R-0605-1, BRONZE BRASS BALL

VALVES

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.

See attachments to Statutory Declaration for scope, pressure ratings and manufacturing locations.

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 ATTACHMENT TO

C.R.N.C.S.A.— OC/10908.56ADD/O

Signed: ASALSE

178 Rexdate Boulevard, Forunto, ON Lanada (MSW 1R3)

CONBRACO INDUSTRIES INC. 701 MATTHEWS-MINT HILL ROAD MATTHEWS, NC USA, 28105 THIS IS PART OF CRN OC 10908 SADDIO

Technical Standards & Safety Authority Boilers & Prassure Vessels Safety Program 16-Jun-16

Page 1 of 3

Valve Series	Valve Models	Material Description	Material Specification	Design Code	Size Range	End Connections		CRN MAWP at 406F (Note 1)	MDMT	Design Report#
70-100	70-100 70-140 70-190									
70-100-BC	70-100-BC	1		194						l
70-200	70-200 70-240									
70-300	70-300 70-340									
70-400	70-400 70-440									
70-800	70-800	1			{					1
70B-140	708-140 708-150 708-190		ASTM B584-C84400 ASTM B283-C37700 ASTM B62-C83600 ASTM B16-C36000		1/4" thru 3"	NPT, Solder	600 psig	425 psig	- 20F	!
71-100	71-100 71-120 71-140 71-150 71-190	Bronze and Brass								R-0605-1
71-500	71-500 71-540 71-590									
75-100	75-100	1				! I				
77-100	77-100 77-140 77-150 77-190									
	77-200 77-240 77-250				<i>*</i>					
7K-100	7K-100 7K-150 7K-190									
80-100	80-100	1 l								



THIS IS PART OF CRN OC 10908-5 ADDIO

Technical Standards & Salety Authority

Page 2 of 3

Valve Series	Valve Models	Material Description	ATING TYPE BALL V Material Specification	Design Code	Range	Connections	CRN MAWP at 100F (Note 1)	CRN MAWP at 406F (Note 1)	MDMT	Design Report #
70LF-100 70LF-200 70LF-300 70LF-400	70LF-100 70LF-140 70LF-200 70LF-240 70LF-300 70LF-340 70LF-400	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451	ASME B31,3, MSS SP-110	1/4" thru 3"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-2
77C	70LF-440 77C-100 77C-140 77C-100-UL 77C-200 77C-240 77C-200-UL 77C-800	Bronze and Brass	ASTM B584-C84400 ASTM B283-C37700 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-3
77CLF	77CLF-100 77CLF-140 77CLF-200 77CLF-240	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000	ASME B31.3, MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-4
82	82-100 82-140 82-200 82-400	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME 831.3 MSS SP-110	1/4" thru 4"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-5
82-LF	82LF-100 82LF-140 82LF-200 82LF-240	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000	ASME B31.3, MSS SP-110	1/4" thru 4"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-6
95	95A 95-100 95-200	Bronze and Brass	ASTM B584-C84400 ASTM B283-C37700 ASTM B62-C83800 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/2" thru 1"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-7
95	95ALF	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000	ASME B31.3, MSS SP-110	1/2" thru 1"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-8
71-AR	71-AR	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME 831.3 MSS SP-110	3/4" thru 3"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-9



Page 3 of 3

Valve Series	Valve Models	Material Description	Material Specification	Design Code	Size Range	End Connections	CRN MAWP at 100F (Note 1)	CRN MAWP at 406F (Note 1)	MDMT	Design Report #
77-AR	77-AR	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31,3 MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-10
32-100	32-100	Bronze and	ASTM B584-C84400	ASME B31.3						
32-200	32-200	Brass	ASTM B16-C36000	MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-11
50GB	50GB GB50 GB50-A	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/2" thru 2"	NPT, Solder	250 psig	250 psig	- 20F	R-0605-12
70-600	70-600 70-640	Bronze and	ASTM B584-C84400	ASME B31.3	414m 44 Of	MOT Politica	400	005	205	D 0005 45
70-900	70-900	Brass	ASTM B283-C37700 ASTM B16-C36000	MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-13
78	78-100 78-300 78-800	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME 831.3 MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-14
79	79 79-700	Brass	ASTM B283-C37700 ASTM B16-C36000 ASTM B75-C12200	ASME B31.3 ASME B31.5 MSS SP-110	3/8" thru 3-1/8"	Tube	500 psig	N/A	ASME B31.5 Grp. 2	R-0605-15

Note 1: The pressure-temperature ratings shown are the maximum CRN pressure-temperature ratings. In all cases the MAWP may be limited by the seat or seal material or other considerations. Please consult Conbraco / Apollo valve literature. Note 2: See attached list of manufacturing locations applicable to this CRN.

ATTACHMENT TO

C.R.N. CSA - OC 10908. 56ADD10

178 Rexdale Boulevard, Toronto, UN Canada M9W LR3

THIS IS PART OF CRN OC 10908. SADDIO

Technical Standards & Safety Authority Boilers & Prassure Vessels Safety Program

CERTIFICATE



TUV Rheinland of North America, Inc.

1300 Massachusetts Avenue, Suite 103, Boxborough, MA 01719

THIS IS PART OF CRN OC(09のよくわかい Technical Standards & Safety Authority Bollers & Pressure Vessels Safety Program

Hereby certifies that



Conbraco Industries, Incapat.



ATTACHMENT TO

C.R.N. C.S.A. - OC. 10908 IGADDI

Cinguest: C.S.B. - Sect

178 Readzig Boulevard, informa, UN Cenada MSW 1R3

701 Matthews-Mint Hill Road Matthews, NC 28105

has established and maintains a quality management system for the

Design and Manufacture of Flow and Pressure Relief Valves for Residential, Industrial and Medical Applications Under the Apollo Trademark; The Provision of Contract Calibration Services

An audit was performed and documented in Report No 2418. Proof has been furnished that the requirements according to

ISO 9001:2008

are fulfilled.

Further clarification regarding the scope of this certificate and the applicability of ISO 9001:2008 requirements may be obtained by contacting TRNA.

Certificate Registration No.

74 300 2418

Certificate Issue Date

December 01, 2015

Certificate Expiration Date **September 14, 2018**

Revised 11/30/2015 Certification Decision 11/30/2015



Certification of Management Systems

APPENDIX



TUV Rheinland of North America, Inc.

1300 Massachusetts Avenue, Suite 103, Boxborough, MA 01719

This appendix lists the sites certified under Certificate Number

THIS IS PART OF CRN o C(090\$S/TDD10
Technical Stendards & Sejety Authority
Boilers & Pressure Vossels
Safety Program

74 300 2418, valid until September 14, 2018

For



ATTACHMENT TO

C.R.N.C.S.A.-B.C.10968.56ADD/C

Signed: OSANTEG

TRROvida Boulevaro, Toronto, ON Canada MSW 1R3

Conbraco Industries,



SITE ADDRESS	ACTIVITIES RELATING TO:
701 Matthews-Mint Hill Road Matthews, NC 28105	Corporate HQ; Sales and Customer Service
1418 S. Pearl Street Pageland, SC 29728	Design, Manufacturing, Calibration & Distribution and Customer Service
1509 South Van Lingle Mungo Blvd Pageland, SC 29728	Foundry & Machining Operations
125 Highway 501 East Conway, SC 29526	Foundry & Manufacturing Operations

This appendix is only valid in conjunction with the referenced certificate.

Revised 11/30/2015 Certification Decision Date 11/30/2015



Certification of Management Systems
Page 1

CERTIFICATE



TUV Rheinland of North America, Inc.

1300 Massachusetts Avenue, Suite 103, Boxborough, MA 01719

Hereby certifies that



Conbraco Industries, Inc.



701 Matthews-Mint Hill Road Matthews, NC 28105

has established and maintains a quality management system for the

Design and Manufacture of Flow and Pressure Relief Valves for Residential, Industrial and Medical Applications Under the Apollo Trademark; The Provision of Contract Calibration Services

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Certification of Management Systems

APPENDIX



TUV Rheinland of North America, Inc.

1300 Massachusetts Avenue, Suite 103, Boxborough, MA 01719

This appendix lists the sites certified under Certificate Number

74 300 2418, valid until September 14, 2018

For



Conbraco Industries, Inc.



SITE ADDRESS	ACTIVITIES RELATING TO:				
701 Matthews-Mint Hill Road	Corporate HQ; Sales and Customer				
Matthews, NC 28105	Service				
1418 S. Pearl Street	Design, Manufacturing, Calibration &				
Pageland, SC 29728	Distribution and Customer Service				
1509 South Van Lingle Mungo Blvd Pageland, SC 29728	Foundry & Machining Operations				
125 Highway 501 East Conway, SC 29526	Foundry & Manufacturing Operations				

This appendix is only valid in conjunction with the referenced certificate.

Revised 11/30/2015 Certification Decision Date 11/30/2015



Certification of Management Systems
Page 1 of 1



Princeton Burylons 330 - 1855 Victorin Avenue Regins, Sarkulcheway 54P 3 V 7

787-4509

April 23, 1998

Re: Fittings Registration

The Province of Saskatchewan will be participating with Quebec, Manitoba and the Canadian Standards Association (CSA) in a pilot project for the registration of fittings. We will recognize registrations done by CSA and accept such fittings for use in Saskatchewan.

The letters CSA will be applied as a prefix to the CRN to indicate which fittings have been registered in this manner. I would appreciate if you could inform your clients of this additional marking requirement.

You may also inform your clients that fittings registered by CSA are accepted for use in Saskatchewan.

N. Surtege, P. Eng.

Yours truly

Executive Director



Inspection and Technical Services Manitoba

500 - 401 York Avenue
Winnipeg Manitoba R3C 0P8
T (204) 945-3373
F (204) 948-2309
www.firecomm.gov.mb.ca/codes_steam_pressure.html

October 17, 2016

TSSA 345 Carlingview Drive Toronto, ON M9W 6N9

Attn: Tanya Francis

REGISTRATION OF VALVES AND FITTINGS

Manufacturer: CONBRACO INDUSTRIES

The design(s) for the following Valves/Fittings has been received by us and has been examined and accepted for registration in the Province of Manitoba as follows.

CATALOGUE/DRAWINGS	CRN	FILE
Design Report R-0605-1 Bronze Brass Ball Valves	0C10908.54	36868

An invoice covering survey and registration fees is enclosed.

NOTE: CRN registered under reciprocal agreement & is conditional based on compliance with the notes set by the original issuing Jurisdiction: **TSSA** This registration expires **March 7, 2026**.

This registration is valid until the indicated expiry date 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.

The registration of this design does not relieve the manufacturer, the owner or his agent of the responsibility for the design or construction of a fitting in accordance with the applicable Acts, Codes and Standards. Inspection and Technical Services assumes no responsibility by registering designs, examining plans and/or inspecting equipment or facility.

Regards,

Ryan Orlesky, C.E.T.

Design Surveyor

Office of the Fire Commissioner

Inspection and Technical Services Manitoba

508 - 401 York Avenue

Winnipeg, Manitoba, R3C 0P8

Phone: 204-945-3373

Email: ryan.orlesky@gov.mb.ca



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 DECI Registration of F		
I. DAVID EDMONDS, SENIOR PRODUCT ENGINEER		
(Name and Position, e.g. President, Plant Manag	er, Chief Engineer)	
of CONBRACO INDUSTRIES, INC.		
(Name of Manufacturer)		
Located at 1418 S. PEARL STREET, PAGELAND, SC 29728, USA	843-672-6161	843-672-1648
(Plant Address)	(Telephone No.)	(Fax No.)
do solemnly declare that the fittings listed hereunder, which are subject and Pressure Vessels Regulation, comply with all of the requirements ASME B31.3	s of	ds and Safety Act, Boilers
(Title of recognized North American Sta which specifies the dimensions, materials of construction, pressure/temperat		no the fittings and service:
or are not covered by the provisions of a recognized North American s as supported by the attached dat pressure/temperature ratings and the basis for such ratings, the marking	a which identifies the dimensing of the fitting for identification	ions, material of construction, n and service.
which has been verified by the following authority, TUV The items covered by this declaration, for which I seek registration, are category C -	BALL VALVES	type fittings. In support of
this application, the following information and/or test data are attached as follows:		T ishe imings in anthour or
SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS		
(drawings, calculations, test report	s, etc.)	
Declared before me at <u>Pageland</u> , South Caroling in the C the <u>26th</u> day of <u>January</u> AD 20 <u>16</u> .	OUNTANCY STA	Chesterfield
Commissioner for Oaths:		
Alan A Channe	O MUBLIC	
Nancy Strawn (Printed name) Mancy Strawn	YCAROLL	Alexan.
Mancy Straw	יותנותניים	
(Signature)	(Signature of	of Declarer)
FOR OFFICE USE O		
To the best of my knowledge and belief, the application meets the requirements Technical Standards and Safety Act, Boilers and Pressure Vessels Regulation CSA Standard B51 and is accepted for registration in Category "C"	of the n, and Inspection & Technical Services Manitoba	Office of the Fire Commissioner
CRN: ØC10908.54	Manilob REGIST	§
Registered by: RVAN ORIESKY Dated: OCT 17, 2016	C.R.N.: 0010	
Dated: <u>0CT 17, 2016</u>	Signed: FECT 17,	2016
NOTE: This registration expires on MACH 7, 1026		

CONBRACO INDUSTRIES INC.

701 MATTHEWS-MINT HILL ROAD MATTHEWS, NC USA, 28105

FLOATING TYPE BALL VALVES - SCOPE OF CRN REGISTRATION

Page 1 of 3

Valve	Valve	Material	Material	Design	Size	End	CRN MAWP	CRN MAWP	MDMT	Design
Series	Models	Description	Specification	Code	Range	Connections	at 100F	at 406F		Report #
		'	•		_		(Note 1)	(Note 1)		
70-100	70-100									
I	70-140					l				
	70-190	_								
70-100-BC	70-100-BC]								
70-200	70-200									
	70-240									
70-300	70-300	1								
	70-340	1								
70-400	70-400	1				1				
	70-440									
70-800	70-800									
70B-140	70B-140	1					·			
	70B-150									
	70B-190									
71-100	71-100	1				1			,	
	71-120		ASTM B584-C84400		1					
	71-140	Bronze and	ASTM B283-C37700	ASME B31.3	1/4" thru 3"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-1
	71-150	Brass	ASTM B62-C83600	MSS SP-110	1/4 11114 5	INF 1, Solder	ooo paig	720 poig	20.	, (3333 .
	71-190		ASTM B16-C36000							
71-500	71-500	1								
	71-540									
	71-590									
75-100	75-100	1								
77-100	77-100	1								
	77-140						İ			
	77-150									
	77-190									
77-200	77-200	1								
	77-240									
	77-250									
7K-100	7K-100	1			,					
	7K-150									
	7K-190									
80-100	80-100	1								

FLOATING TYPE BALL VALVES - SCOPE OF CRN REGISTRATION CONTINUED

Valve	Valve	Material	Material	Design	Size	End	CRN MAWP	CRN MAWP	MDMT	Design
Series	Models	Description	Specification	Code	Range	Connections	at 100F	at 406F		Report #
			Opcomo	0000			(Note 1)	(Note 1)		
70LF-100	70LF-100									
	70LF-140									
70LF-200	70LF-200	Lead Free				·				
	70LF-240	Bronze and	ASTM B584-C89836	ASME B31.3,	1/4" thru 3"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-2
70LF-300	70LF-300	Brass	ASTM B927-C27451	MSS SP-110	1/4 (1110.5	NF1, Solder	ooo paig	250 psig	- 201	R-0003-2
	70LF-340	Diass								
70LF-400	70LF-400							!		
	70LF-440		,							
77C	77C-100									
	77C-140		407147504 004400							
	77C-100-UL	Bronze and	ASTM B584-C84400	ASME B31.3	4/4" 45 2"	NIDT Colder	600 maia	425 psig	- 20F	R-0605-3
	77C-200 77C-240	Brass	ASTM B283-C37700	MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	425 psig	- 201	11-0000-5
	77C-240 77C-200-UL		ASTM B16-C36000							
	77C-800									
77CLF	77CLF-100									
1,105	77CLF-140	Lead Free	ASTM B584-C89836	ASME B31.3.					005	D 0005 4
	77CLF-200	Bronze and	ASTM B927-C27451	MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-4
	77CLF-240	Brass	ASTM B16-C36000							
82	82-100									
	82-140	Bronze and	ASTM B584-C84400	ASME B31.3	1/4" thru 4"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-5
	82-200	Brass	ASTM B16-C36000	MSS SP-110	1/4 01104	INPT, Solder	000 psig	420 psig	201	11 0000 0
	82-400									
82-LF	82LF-100	Lead Free	ASTM B584-C89836							
	82LF-140	Bronze and	ASTM B927-C27451	ASME B31.3,	1/4" thru 4"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-6
	82LF-200	Brass	ASTM B16-C36000	MSS SP-110		,		, -		
	82LF-240	5.400								
95	95A	D	ASTM B584-C84400	ACME D31 3						
	95-100	Bronze and	ASTM B283-C37700	ASME B31.3 MSS SP-110	1/2" thru 1"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-7
	95-200	Brass	ASTM B62-C83600	1VIOO OP-11U	,					
95	95ALF		ASTM B16-C36000							
30	BOALF	Lead Free	ASTM B584-C89836	ASME B31.3,				050	205	R-0605-8
		Bronze and	ASTM B927-C27451	MSS SP-110	1/2" thru 1"	NPT, Solder	600 psig	250 psig	- 20F	N-0000-0
		Brass	ASTM B16-C36000							
71-AR	71-AR									
		Bronze and	ASTM B584-C84400	ASME B31.3	3/4" thru 3"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-9
		Brass	ASTM B16-C36000	MSS SP-110	3/4 tilla 3	INFT, Colder	000 paig	120 20.9		

FLOATING TYPE BALL VALVES - SCOPE OF CRN REGISTRATION CONTINUED

Valve Series	Valve Models	Material Description	Material Specification	Design Code	Size Range	End Connections	CRN MAWP at 100F (Note 1)	CRN MAWP at 406F (Note 1)	MDMT	Design Report #
77-AR	77-AR	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-10
32-100 32-200	32-100 32-200	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-11
50GB	50GB GB50 GB50-A	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/2" thru 2"	NPT, Solder	250 psig	250 psig	- 20F	R-0605-12
70-600 70-900	70-600 70-640 70-900	Bronze and Brass	ASTM B584-C84400 ASTM B283-C37700 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-13
7B	7B-100 7B-300 7B-800	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-14
79	79 79-700	Brass	ASTM B283-C37700 ASTM B16-C36000 ASTM B75-C12200	ASME B31.3 ASME B31.5 MSS SP-110	3/8" thru 3-1/8"	Tube	500 psig	N/A	ASME B31.5 Grp. 2	R-0605-15

Note 1: The pressure-temperature ratings shown are the maximum CRN pressure-temperature ratings. In all cases the MAWP may be limited by the seat or seal material or other considerations. Please consult Conbraco / Apollo valve literature. Note 2: See attached list of manufacturing locations applicable to this CRN.

CERTIFICATE



TUV Rheinland of North America, Inc.

1300 Massachusetts Avenue, Suite 103, Boxborough, MA 01719

Hereby certifies that



Conbraco Industries, Inc.



701 Matthews-Mint Hill Road Matthews, NC 28105

has established and maintains a quality management system for the

Design and Manufacture of Flow and Pressure Relief Valves for Residential, Industrial and Medical Applications Under the Apollo Trademark; The Provision of Contract Calibration Services

An audit was performed and documented in Report No 2418. Proof has been furnished that the requirements according to

ISO 9001:2008

are fulfilled.

Further clarification regarding the scope of this certificate and the applicability of ISO 9001:2008 requirements may be obtained by contacting TRNA.

Certificate Registration No.

74 300 2418

Certificate Issue Date

December 01, 2015

Certificate Expiration Date **September 14, 2018**

Revised 11/30/2015 Certification Decision 11/30/2015



Certification of Management Systems

APPENDIX



TUV Rheinland of North America, Inc.

1300 Massachusetts Avenue, Suite 103, Boxborough, MA 01719

This appendix lists the sites certified under Certificate Number

74 300 2418, valid until September 14, 2018

For



Conbraco Industries, Inc.



SITE ADDRESS	ACTIVITIES RELATING TO:				
701 Matthews-Mint Hill Road	Corporate HQ; Sales and Customer				
Matthews, NC 28105	Service				
1418 S. Pearl Street	Design, Manufacturing, Calibration &				
Pageland, SC 29728	Distribution and Customer Service				
1509 South Van Lingle Mungo Blvd Pageland, SC 29728	Foundry & Machining Operations				
125 Highway 501 East Conway, SC 29526	Foundry & Manufacturing Operations				

This appendix is only valid in conjunction with the referenced certificate.

Revised 11/30/2015 Certification Decision Date 11/30/2015



Certification of Management Systems
Page 1 of 1



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 DECLA Registration of Fitti		
_	ngs	
I, DAVID EDMONDS, SENIOR PRODUCT ENGINEER (Name and Position, e.g. President, Plant Manager, Co.)	Phist Engineer	
,	aner Engineer)	
of CONBRACO INDUSTRIES, INC. (Name of Manufacturer)		
Located at 1418 S. PEARL STREET, PAGELAND, SC 29728, USA	843-672-6161	843-672-1648
(Plant Address)	(Telephone No.)	(Fax No.)
do solemnly declare that the fittings listed hereunder, which are subject to and Pressure Vessels Regulation, comply with all of the requirements of ASME B31.3		ds and Safety Act, Boilers
(Title of recognized North American Standa which specifies the dimensions, materials of construction, pressure/temperature		ng the fittings and service:
or are not covered by the provisions of a recognized North American standard as supported by the attached data will pressure/temperature ratings and the basis for such ratings, the marking of	dard and are therefore maich identifies the dimension	nanufactured to comply with ons, material of construction,
I further declare that the manufacture of these fittings is controlled by a quality syst	em meeting the requiren	nents of <u>ISO:9001:2008</u>
The items covered by this declaration, for which I seek registration, are category C - BA	LL VALVES	type fittings. In support of
this application, the following information and/or test data are attached as follows:		
SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS (drawings, calculations, test reports, et	۵)	
Declared before me at <u>Fageland</u> , South Carolina in the <u>Cor</u>	INT KINCY STA	<u>rechesterfield</u>
the 26th day of January AD 2016.	HOTAR	
Commissioner for Oaths:		<i>]</i>
Nancy Strawn	PLIC	ir isi
(Printed name)	CAROLI	THE PARTY OF THE P
Mancy Straw	Mil	luly
(Signature)	(Signature o	f Declarer)
FOR OFFICE USE ONLY		Bollers and Press no Obsals
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		Safety Program
CRN: 0C109085ADD10	i rugist	TERED
Registered by: K. Kû	_ /	708.5ADD10
Dated:		0. 17/16
1 2 /	Exercise of LL M	0 14/16

NOTE: This registration expires on Mar 7/2026

PV 09553 (06/04) See three pages of attachments for Scope and two pages for baanufacturing locations extended by 17/116

CONBRACO INDUSTRIES INC.

701 MATTHEWS-MINT HILL ROAD MATTHEWS, NC USA, 28105

THIS IS PART OF CRN OC 10908 SADD10 Technical Standards & Safety Authority Boilers & Pressure Vessels

Safety Program

16-Jun-16

Page 1 of 3

			FLOATING TYPE B				ATION			
Valve	Valve	Material	Material	Design	Size	End	CRN MAWP	CRN MAWP	MDMT	Design
Series	Models	Description	Specification	Code	Range	Connections	at 100F	at 406F		Report #
							(Note 1)	(Note 1)		
70-100	70-100									
	70-140									
	70-190						,			
70-100-BC	70-100-BC			4						
70-200	70-200									
	70-240									
70-300	70-300									
	70-340									
70-400	70-400									
	70-440			·						
70-800	70-800									
70B-140	70B-140	1								
	70B-150			,						ĺ
	70B-190									
71-100	71-100						İ			
]	71-120		ASTM B584-C84400							
	71-140	Bronze and	ASTM B283-C37700	ASME B31.3	1/4" thru 3"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-1
	71-150	Brass	ASTM B62-C83600	MSS SP-110	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
	71-190		ASTM B16-C36000	,						
71-500	71-500			, '						
	71-540							1		
	71-590									
75-100	75-100	1								
77-100	77-100	1								
	77-140									
	77-150									
	77-190									
77-200	77-200									
	77-240									
	77-250									1
7K-100	7K-100	7								
	7K-150									
	7K-190			,						,
80-100	80-100	7							<u></u>	

Technical Standards & Safety Authority

Page 2 of 3

	institution of the second	FLO.	ATING TYPE BALL VA	LVES - SCOPI	EOFCRNR	GISTRATION	CONTINUED	Maria Company		
Valve Series	Valve Models	Material Description	Material Specification	Design Code	Size Range	Connections	CRN MAWP at 100F (Note 1)	CRN MAWP at 406F (Note 1)	MDMT	Design Report #
70LF-100 70LF-200 70LF-300 70LF-400	70LF-100 70LF-140 70LF-200 70LF-240 70LF-300 70LF-340 70LF-400	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451	ASME B31.3, MSS SP-110	1/4" thru 3"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-2
77C	70LF-440 77C-100 77C-140 77C-100-UL 77C-200 77C-240 77C-200-UL 77C-800	Bronze and Brass	ASTM B584-C84400 ASTM B283-C37700 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-3
77CLF	77CLF-100 77CLF-140 77CLF-200 77CLF-240	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000	ASME B31.3, MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-4
82	82-100 82-140 82-200 82-400	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 4"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-5
82-LF	82LF-100 82LF-140 82LF-200 82LF-240	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000	ASME B31.3, MSS SP-110	1/4" thru 4"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-6
95	95A 95-100 95-200	Bronze and Brass	ASTM B584-C84400 ASTM B283-C37700 ASTM B62-C83600 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/2" thru 1"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-7
95	95ALF	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000	ASME B31.3, MSS SP-110	1/2" thru 1"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-8
71-AR	71-AR	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	3/4" thru 3"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-9

100.00	FLOATING TYPE BALL VALVES - SCOPE OF CRN REGISTRATION CONTINUED										
Valve Series	Valve Models	Material Description	Material Specification	Design Code	Size Range	End Connections	CRN MAWP at 100F (Note 1)	CRN MAWP at 406F (Note 1)	MDMT	Design Report #	
77-AR	77-AR	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-10	
32-100 32-200	32-100 32-200	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-11	
50GB	50GB GB50 GB50-A	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/2" thru 2"	NPT, Solder	250 psig	250 psig	- 20F	R-0605-12	
70-600	70-600 70-640	Bronze and	ASTM B584-C84400 ASTM B283-C37700	ASME B31.3	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-13	
70-900	70-900	Brass	ASTM B16-C36000 M	MSS SP-110	174 41142	11. 1, 00,00	. 22 poig	_00 po.g	20.		
7B	7B-100 7B-300 7B-800	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-14	
79	79 79-700	Brass	ASTM B283-C37700 ASTM B16-C36000 ASTM B75-C12200	ASME B31.3 ASME B31.5 MSS SP-110	3/8" thru 3-1/8"	Tube	500 psig	N/A	ASME B31.5 Grp. 2	R-0605-15	

Note 1: The pressure-temperature ratings shown are the maximum CRN pressure-temperature ratings. In all cases the MAWP may be limited by the seat or seal material or other considerations. Please consult Conbraco / Apollo valve literature.

Note 2: See attached list of manufacturing locations applicable to this CRN.

THIS IS PART OF

CRN OC 10908. SADD 10

Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program

CERTIFICATE



TUV Rheinland of North America, Inc.

1300 Massachusetts Avenue, Suite 103, Boxborough, MA 01719

THIS IS PART OF
CRN OCIOGO&S ADDIO
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program

Hereby certifies that



Conbraco Industries, Inc.



701 Matthews-Mint Hill Road Matthews, NC 28105

has established and maintains a quality management system for the

Design and Manufacture of Flow and Pressure Relief Valves for Residential, Industrial and Medical Applications Under the Apollo Trademark; The Provision of Contract Calibration Services

An audit was performed and documented in Report No 2418. Proof has been furnished that the requirements according to

ISO 9001:2008

are fulfilled.

Further clarification regarding the scope of this certificate and the applicability of ISO 9001:2008 requirements may be obtained by contacting TRNA.

Certificate Registration No.

74 300 2418

Certificate Issue Date

December 01, 2015

Certificate Expiration Date
September 14, 2018



Revised 11/30/2015 Certification Decision 11/30/2015 Certification of Management Systems

APPENDIX



TUV Rheinland of North America, Inc.

1300 Massachusetts Avenue, Suite 103, Boxborough, MA 01719

This appendix lists the sites certified under Certificate Number

THIS IS PART OF CRN o C. (090 & S. 420) DIO Technical Standards & Sefety Authority Boilers & Pressure Vessels Safety Program

74 300 2418, valid until September 14, 2018

For



Conbraco Industries, Inc.



SITE ADDRESS	ACTIVITIES RELATING TO:		
701 Matthews-Mint Hill Road	Corporate HQ; Sales and Customer		
Matthews, NC 28105	Service		
1418 S. Pearl Street	Design, Manufacturing, Calibration &		
Pageland, SC 29728	Distribution and Customer Service		
1509 South Van Lingle Mungo Blvd	Foundry & Machining Operations		
Pageland, SC 29728	Foundry & Machining Operations		
125 Highway 501 East	Foundry & Manufacturing Operations		
Conway, SC 29526	Foundry & Manuacturing Operations		

This appendix is only valid in conjunction with the referenced certificate.

Revised 11/30/2015 Certification Decision Date 11/30/2015







To:	TSSA	From:	Janet Townsend
Company:	Conbraco Industries	Phone:	416-747-4291
Pages:	11	Location:	Toronto
Our File:	ANR-4192	Date:	October 18, 2016

Your File: 1911024

Subject: Request for Design Registration

Dear Ms. Francis.

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-0C10908.56ADD10.

The cost for this service is \$ 760.00 plus HST.

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

Janet Townsend

Account Manager CSA Group

janet.townsend@csagroup.org

www.csagroup.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. DAVID EDMONDS, SENIOR PRODUCT 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, USA 843-672-6161 843-672-1648 (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, TUV The items covered by this declaration, for which I seek registration, are category C - BALL VALVES type fittings. In support of this application, the following information and/or test data are attached as follows: SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS (drawings, calculations, test reports, etc.) Declared before me at <u>Pageland</u> South Carolina in the <u>Country</u> _____ day of <u>January</u> AD 20 16 . **Commissioner for Oaths:** (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, Bollers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category REGISTERED CRN.CSA-OCIOGOS. 56ADOTD CRN: A. BANWATT Registered by: OCTOBER. 05.2016 Dated: 178 Rexdale Boulevard, Toronto, QN Canada M9W 1R3 MARCH OF .. NOTE: This registration expires on



14th Floor, Centre Tower 1300 Sloor Street West Toronto, Ontario Carada M6X 2X4 TeL: 418,734,1300 Fax: 418,231,1625 Toll Free, 1,977,682,8772

www.bssa.org

June 17, 2016

SCOTT ISLIP ROUND ENGINEERING INC 10 SEGWUN RD WATERDOWN ON LOR 2H8 CA

Service Request Type: BPV-Fitting Registration

Service Request No.: 1877066 Your Reference No.: CONBRACO

Registered to: CONBRACO INDUSTRIES

Dear SCOTT ISLIP,

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

CRN No.: 0C10908.5ADD10

Main Design No.:

DESIGN REPORT R-0605-1, BRONZE BRASS BALL

VALVES

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.

See attachments to Statutory Declaration for scope, pressure ratings and manufacturing locations.

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 ATTACHMENT TO

CRN. SA- OC10908.56ADO/O

Signed: ASA SEQ

178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

CONBRACO INDUSTRIES INC. 701 MATTHEWS-MINT HILL ROAD MATTHEWS, NC USA, 28105 THIS IS PART OF CRN OC 10908 SADDIO

Technical Standards & Safety Authority Boilers & Prassure Vessels Safety Program 16-Jun-16

Page 1 of 3

Valve Series	Valve Models	Material Description	Material Specification	Design Code	Size Range	End Connections		CRN MAWP at 406F (Note 1)	MDMT	Design Report#
70-100	70-100 70-140 70-190								•	
70-100-BC	70-100-BC	1		194						l
70-200	70-200 70-240									
70-300	70-300 70-340]								
70-400	70-400 70-440	1							,	
70-800	70-800	1			1					1
70B-140	708-140 708-150 708-190									!
71-100	71-100 71-120 71-140 71-150 71-190	Bronze and Brass	ASTM B584-C64400 ASTM B283-C37700 ASTM B62-C63600 ASTM B16-C36000	ASME 831.3 MSS SP-110	1/4" thru 3"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-1
71-500	71-500 71-540 71-590									
75-100	75-100	1				! I				
77-100	77-100 77-140 77-150 77-190									
	77-200 77-240 77-250				<i>*</i>	į				
7K-100	7K-100 7K-150 7K-190									
80-100	80-100	1 l								



THIS IS PART OF CRN OC 10908-5 ADDIO

Technical Standards & Salety Authority

Page 2 of 3

Valve Series	Valve Models	Material Description	ATING TYPE BALL V Material Specification	Design Code	Range	Connections	CRN MAWP at 100F (Note 1)	CRN MAWP at 406F (Note 1)	MDMT	Design Report #
70LF-100 70LF-200 70LF-300 70LF-400	70LF-100 70LF-140 70LF-200 70LF-240 70LF-300 70LF-340 70LF-400	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451	ASME B31,3, MSS SP-110	1/4" thru 3"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-2
77C	70LF-440 77C-100 77C-140 77C-100-UL 77C-200 77C-240 77C-200-UL 77C-800	Bronze and Brass	ASTM B584-C84400 ASTM B283-C37700 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-3
77CLF	77CLF-100 77CLF-140 77CLF-200 77CLF-240	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000	ASME B31.3, MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-4
82	82-100 82-140 82-200 82-400	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME 831.3 MSS SP-110	1/4" thru 4"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-5
82-LF	82LF-100 82LF-140 82LF-200 82LF-240	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000	ASME B31.3, MSS SP-110	1/4" thru 4"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-6
95	95A 95-100 95-200	Bronze and Brass	ASTM B584-C84400 ASTM B283-C37700 ASTM B62-C83800 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/2" thru 1"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-7
95	95ALF	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000	ASME B31.3, MSS SP-110	1/2" thru 1"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-8
71-AR	71-AR	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME 831.3 MSS SP-110	3/4" thru 3"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-9



Page 3 of 3

Valve Series	Valve Models	Material Description	Material Specification	Design Code	Size Range	End Connections	CRN MAWP at 100F (Note 1)	CRN MAWP at 406F (Note 1)	MDMT	Design Report #
77-AR	77-AR	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31,3 MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-10
32-100	32-100	Bronze and	ASTM B584-C84400	ASME B31.3						
32-200	32-200	Brass	ASTM B16-C36000	MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-11
50GB	50GB GB50 GB50-A	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/2" thru 2"	NPT, Solder	250 psig	250 psig	- 20F	R-0605-12
70-600	70-600 70-640	Bronze and	ASTM B584-C84400	ASME B31.3	414m 44 Of	MOT Politica	400	005	205	D 0005 45
70-900	70-900	Brass	ASTM B283-C37700 ASTM B16-C36000	MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-13
78	78-100 78-300 78-800	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME 831.3 MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-14
79	79 79-700	Brass	ASTM B283-C37700 ASTM B16-C36000 ASTM B75-C12200	ASME B31.3 ASME B31.5 MSS SP-110	3/8" thru 3-1/8"	Tube	500 psig	N/A	ASME B31.5 Grp. 2	R-0605-15

Note 1: The pressure-temperature ratings shown are the maximum CRN pressure-temperature ratings. In all cases the MAWP may be limited by the seat or seal material or other considerations. Please consult Conbraco / Apollo valve literature. Note 2: See attached list of manufacturing locations applicable to this CRN.

ATTACHMENT TO

C.R.N. CSA - OC 10908. 56ADD10

178 Rexdale Boulevard, Toronto, UN Canada M9W LR3

THIS IS PART OF CRN OC 10908. SADDIO

Technical Standards & Safety Authority Boilers & Prassure Vessels Safety Program

CERTIFICATE



TUV Rheinland of North America, Inc.

1300 Massachusetts Avenue, Suite 103, Boxborough, MA 01719

THIS IS PART OF CRN OC(09のよくわかい Technical Standards & Safety Authority Bollers & Pressure Vessels Safety Program

Hereby certifies that



Conbraco Industries, Incapat.



ATTACHMENT TO

C.R.N. C.S.A. - OC. 10908 IGADDI

Cinguest: C.S.B. - Sect

178 Readzig Boulevard, informa, UN Cenada MSW 1R3

701 Matthews-Mint Hill Road Matthews, NC 28105

has established and maintains a quality management system for the

Design and Manufacture of Flow and Pressure Relief Valves for Residential, Industrial and Medical Applications Under the Apollo Trademark; The Provision of Contract Calibration Services

An audit was performed and documented in Report No 2418. Proof has been furnished that the requirements according to

ISO 9001:2008

are fulfilled.

Further clarification regarding the scope of this certificate and the applicability of ISO 9001:2008 requirements may be obtained by contacting TRNA.

Certificate Registration No.

74 300 2418

Certificate Issue Date

December 01, 2015

Certificate Expiration Date **September 14, 2018**

Revised 11/30/2015 Certification Decision 11/30/2015



Certification of Management Systems

APPENDIX



TUV Rheinland of North America, Inc.

1300 Massachusetts Avenue, Suite 103, Boxborough, MA 01719

This appendix lists the sites certified under Certificate Number

THIS IS PART OF CRN o C(090\$S/TDD10
Technical Stendards & Sejety Authority
Boilers & Pressure Vossels
Safety Program

74 300 2418, valid until September 14, 2018

For



ATTACHMENT TO

C.R.N.C.S.A.-B.C.10968.56ADD/C

Signed: OSANTEG

TRROvida Boulevaro, Toronto, ON Canada MSW 1R3

Conbraco Industries,



SITE ADDRESS	ACTIVITIES RELATING TO:
701 Matthews-Mint Hill Road Matthews, NC 28105	Corporate HQ; Sales and Customer Service
1418 S. Pearl Street Pageland, SC 29728	Design, Manufacturing, Calibration & Distribution and Customer Service
1509 South Van Lingle Mungo Blvd Pageland, SC 29728	Foundry & Machining Operations
125 Highway 501 East Conway, SC 29526	Foundry & Manufacturing Operations

This appendix is only valid in conjunction with the referenced certificate.

Revised 11/30/2015 Certification Decision Date 11/30/2015



Certification of Management Systems
Page 1

CERTIFICATE



TUV Rheinland of North America, Inc.

1300 Massachusetts Avenue, Suite 103, Boxborough, MA 01719

Hereby certifies that



Conbraco Industries, Inc.



701 Matthews-Mint Hill Road Matthews, NC 28105

has established and maintains a quality management system for the

Design and Manufacture of Flow and Pressure Relief Valves for Residential, Industrial and Medical Applications Under the Apollo Trademark; The Provision of Contract Calibration Services

An audit was performed and documented in Report No 2418. Proof has been furnished that the requirements according to

ISO 9001:2008

are fulfilled.

Further clarification regarding the scope of this certificate and the applicability of ISO 9001:2008 requirements may be obtained by contacting TRNA.

Certificate Registration No.

74 300 2418

Certificate Issue Date

December 01, 2015

Certificate Expiration Date **September 14, 2018**

Revised 11/30/2015 Certification Decision 11/30/2015



Certification of Management Systems

APPENDIX



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1300 Massachusetts Avenue, Suite 103, Boxborough, MA 01719

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74 300 2418, valid until September 14, 2018

For



Conbraco Industries, Inc.



SITE ADDRESS	ACTIVITIES RELATING TO:
701 Matthews-Mint Hill Road Matthews, NC 28105	Corporate HQ; Sales and Customer Service
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Revised 11/30/2015 Certification Decision Date 11/30/2015



Certification of Management Systems
Page 1 of 1



Princeton Burylons 330 - 1855 Victorin Avenue Regins, Sarkulcheway 54P 3 V 7

787-4509

April 23, 1998

Re: Fittings Registration

The Province of Saskatchewan will be participating with Quebec, Manitoba and the Canadian Standards Association (CSA) in a pilot project for the registration of fittings. We will recognize registrations done by CSA and accept such fittings for use in Saskatchewan.

The letters CSA will be applied as a prefix to the CRN to indicate which fittings have been registered in this manner. I would appreciate if you could inform your clients of this additional marking requirement.

You may also inform your clients that fittings registered by CSA are accepted for use in Saskatchewan.

N. Surtege, P. Eng.

Yours truly

Executive Director



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

September09, 2016

SCOTT ISLIP ROUND ENGINEERING INC 10 SEGWUN RD WATERDOWN ON LOR 2H8 CA

Service Request Type.: BPV-National ACI Central

Service Request No.: 1910998 Your Reference No.: CONBRACO

Registered to.: CONBRACO INDUSTRIES

Dear SCOTT ISLIP,

Please find enclosed the original response from PEI, NS, NB, NFLD, YK, NWT, NU registered under the CRN No.: 0C10908.59870YTNADD10.

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,

Joanna Karpinski

Tel.: 416-734-3377 Fax: 416-231-6183

Email: jkarpinski@tssa.org

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLI NORTHWEST TERRIT		WFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	CONBRACO INDUS	TRIES. INC.		
MANUFACTURERS ADDRESS	1418 S. PEARL STR	REET, PAGELAND, SC 29728. U	SA	
PLANT LOCATIONS:	SAME AS ABOVE			
CATEGORY OF FITT	NGS TO BE REGISTE	RED, CIRCLE ONE CATEGOR	YONLY	TITLE OF THE STANDARD OF CONSTRUCTION
B Flanges: all flanges C Valves: all flan valves D Expension joints, flexible cor E Strainers, filters, separators,	inections, and hose ass and steam traps	olugs, unions, pipe caps, or reduc semblies: all types Il gauges, sight glasses, levels, or		- ASME B31.3
G Certified capacity-rated pres boilers, pressure vessels, pi H Pressure retaining compone	ping and fusible plugs	eptable as primary over prossure	protection on	
1		s 3 □, (Meeting CNSC or ASME	requirements)	
SHOW MANUFACTURERS NA				TYPE OF CONSTRUCTION
	'Apo	Valves	,	FORGED WELDED O WROUGHT D CAST OTHER D DESCRIBE OTHER:
LIST OF SUPPORTING DOC	UMENTATION AND ID	ENTIFICATION OF THE ACTUA	LITEMS TO BE RE	GISTERED:
my knowledge represents temperature ratings, and id manufacture of these fitting or in part and has been ver declaration conscientiously Signature of Declarer: Declared before me at	of the end product of the product for which entification markings is regulated by a fified by TUV (inployed by CONBRACO INItion of the control of the	nformation contain timensions, materinersions, materinersin named stanth extends to each being suitable for se same force and USETHI	dards. I further declare that the plant where fabrication of the propose and I make this solemn effect as it made under oath.
	-	This space for Regulatory A		
. Т	his registration mus	t be revalidated after ten (10)	years from the da	ale of acceptance.
CRN: - 0C10908.5	5 ADD10		PROVINCE OF P	CCEPTED RINCE EDWARD ISLAND LAND & ENVIRONMENT
Notes: 1. All fittings shall be regis 2. Each category shall be forms and one copy of sup 3. The declaration shall be responsibility for the quality control program at a maximum interval of \$1.	supported with two.Stapporting documentation a made by the person! y of the end product. as shall be resubmited	atutory Declaration L having full authority and	DATE: INSPECTION BOILER/PRESS	SERVICES SECTION SURE VESSEL, BILANCH Sect. 1.0 - Fittings Rev. 1 06/2003

08-05-2016

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWIC
NU INIANA IT

NOVA SCOTIA

PRINCE FOWARD ISLAND

NEWFOUNDLAND AND LABRADOR

8/18

UNAVUT	YUKON	NORTHWEST TERRITORIES	
MANUFACTURERS NAME:	CONBRACO INDUSTRIE	S. INC.	
MANUFACTURERS ADDRESS:	1418 S. PEARL STREET.	PAGELAND, SC 29728, USA	
PLANT LOCATIONS:	SAME AS ABOVE		
CATEGORY OF FITT	NGS TO BE REGISTERED	CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including coupling B Flanges: all flanges C Valves: all line valves D Expansion Joints, flexible context. E Strainers, filters, separators, including F Measuring devices, including	nections, and hose assemble	ies: all types	- ASME B31.3
pressure transmitters G Certified capacity-rated press bollers, pressure vessels, pip H Pressure retaining componen	sure relief devices acceptab ping and fusible plugs nts that do not fall into one o	le as primary over pressure protection on of the above categories	
		l, (Meeting CNSC or ASME requirements) GO AS IT WILL APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION
	"Apoll	Valves Letured by Conbrace Industries Inc.	FORGED WELDED WROUGHT DESCRIBE OTHER:
- BALL VALVE SCOPE OF C		<u>IFICATION OF THE ACTUAL ITEMS TO BE R</u> .ATIONS, REPORTS	EGISTERED.
my knowledge represents to temperature ratings, and id manufacture of these fitting	of the end product do s he product for which reg entification markings are is is regulated by a Qual	yed by CONBRACO INDUSTRIES and olemnly declare that the information conta Istration is sought. The dimensions, mate in accordance with the herein named statity Control Program which extends to each 1:9001:2008) as being suitable for the large suitable sui	ined in this form is true and to the bes rials of construction, pressure indards. I further declare that the h plant where fabrication betters in wh

declaration conscientiously believ Signature of Declarer: Declared before me at day of _ Commissioner of Oaths

This space for Regulatory Authority use This registration must be revalidated after ten (10) years

CRN: 0C10908.5 ADD10

2174 FID#:

or Notary Public: (sign)

- 1. All fittings shall be registered in the name of the Manufacturer.
- 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.
- 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.
- 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.

of acceptance.

Sect. 1.0 - Fittings Rev. 1 06/2003

NEW BRUNSWICK	
ALL INTALAL IT	

NOVA SCOTIA

PRINCE EDWARD ISLAND

NEWFOUNDLAND AND LABRADOR

UNAVUT	YUKON NORTHWEST TERRITORIES	
MANUFACTURERS NAME:	CONBRACO INDUSTRIES, INC.	
MANUFACTURERS ADDRESS:	1418 S. PEARL STREET, PAGELAND, SC 29728, USA	
LANT LOCATIONS:	SAME AS ABOVE	
	NGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
Flanges: all flanges Valves: all line valves	gs, tees, elbows, Ys, plugs, unions, pipe caps, or reducers	- ASME B31.3
Measuring devices, including pressure transmitters Certified capacity-rated press	pressure gauges, level gauges, sight glasses, levels, or sure relief devices acceptable as primary over pressure protection on	
boilers, pressure vessels, pip 1 Pressure retaining componer	ong and rusible plugs ts that do not fall into one of the above categories	
N Nuclear components: Class	1 ☐ Class 2 ☐ Class 3 ☐, (Meeting CNSC or ASME requirements)	
HOW MANUFACTURERS NAI	** ** ** ** ** ** ** ** ** **	FORGED WELDED WROUGHT DESCRIBE OTHER:
LIST OF SUPPORTING DOCU	MENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE R	EGISTERED:
- BALL VALVE SCOPE OF C	RN, DRAWINGS, CALCULATIONS, REPORTS	
my knowledge represents the emperature ratings, and ide manufacture of these fittings or in part and has been verified declaration conscientiously Signature of Declarer:	(see note 3) employed by CONBRACO INDUSTRIES and to fithe end product do solemnly declare that the information contains a product for which registration is sought. The dimensions, mater intification markings are in accordance with the herein named starts is regulated by a Quality Control Program which extends to each field by TUV (ISO:9001:2008) as being suitable for believing it to be true, and knowing that it is of the same force and a long and south Caroling of the same force and long and	ned in this form is true and to the best ials of construction, pressure idards. I further declare that the plant where fabrication octurs in who that purpose and make this solemn effect as if made under oath.
Commissioner of Oaths	lancy Strawn	Nouveau
·	This space for Regulatory Authority use	inswick
Th	is registration must be revalidated after ten (10) years from the day	
0010000 5		PRESSURE VESSEL ACT
CRN: 0C10908.5		SISTRATION ONLY
FID#: <u>2174</u>	CRN C	DC10908,57Add10
Notes:		1 run acase
Each category shall be surforms and one copy of support	ered in the name of the Manufacturer. upported with two Statutory Declaration orting documentation.	for BOALER INSPECTOR
3. The declaration shall be responsibility for the quality	made by the person having full authority and of the end product.	15/2016
4. Quality control programs	shall be resubmitted for validation	Figor 10 Eiting Dou 100
at a maximum interval of five	e (5) years.	Sect. 1.9 Eittings Rev. 1 06

NEW BRUNSWICK NUNAVUT NOVA SCOTIA YUKON PRINCE EDWARD ISLAND NORTHWEST TERRITORIES NEWFOUNDLAND AND LABRADOR

CANOL ACTORIZATION TO MILE.		
IANUFACTURERS ADDRESS: 14	UNBRACO INDUSTRIES, INC.	
	18 S. PEARL STREET, PAGELAND, SC 29728, USA	
LANT LOCATIONS: SA	AME AS ABOVE	
CATEGORY OF FITTINGS	TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
Flanges: all flanges Valves: all line valves Expansion joints, flexible connect Strainers, filters, separators, and	tees, elbows, Ys, plugs, unions, pipe caps, or reducers ilons, and hose assemblies: all types steam traps ssure gauges, level gauges, sight glasses, levels, or	- ASME B31.3
bollers, pressure vessels, piping		
• .	hat do not fall into one of the above categories	
	Class 2 Class 3 C, (Meeting CNSC or ASME requirements) TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUC	TYPE OF CONSTRUCTION
NOW MANUFACTUREDS NAME.	*Apollo Valves Manufactured by Conbraco Industries Inc.	FORGED WELDED WARDUCHT DESCRIBE OTHER DESCRIBE OTHER
LIST OF SUPPORTING DOCUME	NTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE	REGISTERED:
DECLARATION: DAVID EDMONDS		
responsibility for the quality of the year the property of the person to the property of the person to the property of the person to the perso	lieving it to be true, and knowing that it is of the same force and geland. South Carolina USETI	atained in this form is true and to the best of sterials of construction, pressure standards. I further declare that the ach plant where fabrication obturs in whole for that purpose and I make this solemn and effect as it made under oath.
responsibility for the quality of the year the property of the property of the property of the property of the property of the property of these fittings is or in part and has been verified declaration conscientiously be signature of Declarer: Declared before me at This 26th day of 10th part and property of the prop	the end product do solemnly declare that the information concorduct for which registration is sought. The dimensions, manufaction markings are in accordance with the herein named so regulated by a Quality Control Program which extends to each by TUV (ISO:9001:2008) as being suitable lieving it to be true, and knowing that it is of the same force and accordance with the herein named so regulated by a Quality Control Program which extends to each display to be a point of the same force of the sa	atained in this form is true and to the best of sterials of construction, pressure standards. I further declare that the ach plant where fabrication obturs in whole for that purpose and I make this solemn and effect as it made under oath.
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responsibility for the quality of the yknowledge represents the plemperature ratings, and identify the part and has been verified declaration conscientiously be signature of Declarer: Declared before me at This2(off_h day of1(off_h day of1(off_h day)) the commissioner of Oaths or Notary Public: (sign)	the end product do solemnly declare that the information concorduct for which registration is sought. The dimensions, management of the first in accordance with the herein named so regulated by a Quality Control Program which extends to early by TUV (ISO:9001:2008) as being suitable lieving it to be true, and knowing that it is of the same force and accordance with the herein named so regulated by a Quality Control Program which extends to early suitable lieving it to be true, and knowing that it is of the same force and	atalned in this form is true and to the best of sterials of construction, pressure standards. I further declare that the ach plant where fabrication obturs in whole for that purpose and make this sclemn and effect as it made under oath. HIS SPA E FI
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responsibility for the quality of tmy knowledge represents the part temperature ratings, and identify manufacture of these fittings is or in part and has been verified declaration conscientiously be signature of Declarer: Declared before me at This 20th day of Commissioner of Oaths or Notary Public: (sign)	the end product do solemnly declare that the information controduct for which registration is sought. The dimensions, manification markings are in accordance with the herein named so regulated by a Quality Control Program which extends to early by TUV (ISO:9001:2008) as being suitable lieving it to be true, and knowing that it is of the same force and t	atalned in this form is true and to the best of sterials of construction, pressure standards. I further declare that the ach plant where fabrication obturs in whole for that purpose and make this sclemn and effect as it made under oath. HIS SPA E FI

NEW BRUNSWICK

NOVA SCOTIA

PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME:	CONBRACO INDUSTRIES, INC.	
MANUFACTURERS ADDRESS:	1418 S. PEARL STREET, PAGELAND, SC 29728, USA	
- Day - 200-1110-10-	SAME AS ABOVE	
	GS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
B Flanges: all flanges O Valves: all line valves D Expansion joints, flexible conne E Strainers, filters, separators, ar F Measuring devices, including p pressure transmitters	s, tees, elbows, Ys, plugs, unions, pipe caps, or reducers ections, and hose assemblies: all types nd steam traps ressure gauges, level gauges, sight glasses, levels, or are relief devices acceptable as primary over pressure protection on	- ASME B31.3
boilers, pressure vessels, pipir	ng and fusible plugs	
• .	s that do not fall into one of the above categories	
	Class 2 Class 3 C, (Meeting CNSC or ASME requirements)	TYPE OF CONSTRUCTION
SHOW MANUFACTURERS NAM	*Apollo Valves Manufactured by Conbraco Industries Inc.	FORGED WELDED WROUGHT CAST OTHER COMPANY DESCRIBE OTHER:
LIST OF SUPPORTING DOCUM	MENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE R	EGISTERED:
my knowledge represents the temperature ratings, and idea manufacture of these fittings or in part and has been verifi	(see note 3) employed by CONBRACO INDUSTRIES and of the end product do solemnly declare that the information contains product for which registration is sought. The dimensions, maternitification markings are in accordance with the herein named state is regulated by a Quality Control Program which extends to each ited by TUV (ISO:9001:2008) as being suitable for pelieving it to be true, and knowing that it is of the same force and	ined in this form is true and to the bestials of construction, pressure indards. I further declare that the in plant where fabrication occurs in what that purpose and I make this solemer
Signature of Declarer:	the del	# · · · · · · · · · · · · · · · · · · ·
Declared before me at H	ageland, South Caroling USETH January AD 2016 OF	FICIALDA PARIO
Commissioner of Oaths or Notary Public: (sign)	lancy Straun	CAROLINIA
Th	This space for Regulatory Authority use is registration must be revalidated after ten (10) years from the c	date of acceptance.
CRN: 0C10908.5	ADD10	
FID#: 2174		JENI OF TO

Notes:

1. All fittings shall be registered in the name of the Manufacturer.

2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.

3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.

4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.

NEW BRUNSWICK NUNAVUT

NOVA SCOTIA YUKON

PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

ANUFACTURERS NAME: CONBRACO INDUSTRIES, INC.	
ANUFACTURERS ADDRESS: 1418 S. PEARL STREET, PAGELAND. SC 29728, USA	
ANT LOCATIONS: SAME AS ABOVE	
CATEGORY OF FITTINGS TO BE REGISTERED, CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
Pipo fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or roducers Flanges: all flanges Valves: all fine valves	- ASME B31.3
Expansion joints, flexible connections, and hose assemblies: all types Strainers, filters, separators, and steam traps	
Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or	
pressure transmitters Certified capacity-rated pressure relief devices acceptable as primary over pressure protection o	
bollers, pressure yessels, piping and fusible plugs	
Pressure retaining components that do not fall into one of the above categories Nuclear components: Class 1 □ Class 2 □ Class 3 □, (Meeting CNSC or ASME requirements)	and a
TOW MANUFACTURERS NAME. TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRO	
"Apollo" Valves Manufactured by Combraco Industrias inc.	FORGED WELDED WROUGHT CAST OTHER DESCRIBE OTHER
JIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO	O BE PECISTERED
•	
DAVID EDMONDS (see note 3) employed by CONBRACO INDUSTRIE esponsibility for the quality of the end product do solemnly declare that the information by knowledge represents the product for which registration is sought. The dimensions camperature ratings, and identification markings are in accordance with the herein name canufacture of these fittings is regulated by a Quality Control Program which extends or in part and has been verified by TUV (ISO:9001:2008) as being suit	າ contained in this form is true and to the bes s, materials of construction, pressure ned standards. I further declare that the to each plant where fabrication ວັບພາຈ in wh lable for that purpose and this of this solemr
DAVID EDMONDS (see note 3) employed by CONBRACO INDUSTRIE exponsibility for the quality of the end product do solemnly declare that the information by knowledge represents the product for which registration is sought. The dimensions emperature ratings, and identification markings are in accordance with the herein name enanufacture of these fittings is regulated by a Quality Control Program which extends in in part and has been verified by TUV (ISO:9001:2008) as being suite electrical conscientiously believing it to be true, and knowing that it is of the same for	n contained in this form is true and to the best, materials of construction, pressure ned standards. I further declare that the to each plant where fabrication occurs in what lie for that purpose and I make this solemn
DAVID EDMONDS (see note 3) employed by CONBRACO INDUSTRIE responsibility for the quality of the end product do solemnly declare that the information represents the product for which registration is sought. The dimensions remperature ratings, and identification markings are in accordance with the herein name nanufacture of these fittings is regulated by a Quality Control Program which extends in in part and has been verified by TUV (ISO:9001:2008) as being suite identification conscientiously believing it to be true, and knowing that it is of the same for signature of Declarer:	n contained in this form is true and to the best, materials of construction, pressure ned standards. I further declare that the to each plant where fabrication occurs in what able for that purpose and timake this sciemt
DAVID EDMONDS (see note 3) employed by CONBRACO INDUSTRIE asponsibility for the quality of the end product do solemnly declare that the information by knowledge represents the product for which registration is sought. The dimensions comperature ratings, and identification markings are in accordance with the herein name consumption of these fittings is regulated by a Quality Control Program which extends or in part and has been verified by TUV (ISO:9001:2008) as being suite declaration conscientiously believing it to be true, and knowing that it is of the same for Signature of Declarer: Declared before me at Hage and South Caroling U S E	n contained in this form is true and to the best, materials of construction, pressure ned standards. I further declare that the to each plant where fabrication occurs in what able for that purpose and timake this sciemt
DAVID EDMONDS (see note 3) employed by CONBRACO INDUSTRIE esponsibility for the quality of the end product do solemnly declare that the information the product for which registration is sought. The dimensions the product for which registration is sought. The product for which registration is sought. The dimensions is sought. The product for which registration is sought. The product for which registration is sought. The product for which registration is sought. The product for which	or contained in this form is true and to the best, materials of construction, pressure ned standards. I further declare that the to each plant where fabrication between in whable for that purpose and I make this scient ince and effect as it made under oath. THIS SPA
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esponsibility for the quality of the end product do solemnly declare that the Information by knowledge represents the product for which registration is sought. The dimensions emperature ratings, and identification markings are in accordance with the herein naminanufacture of these fittings is regulated by a Quality Control Program which extends for in part and has been verified by TUV (ISO:9001:2008) as being suit declaration conscientiously believing it to be true, and knowing that it is of the same for its program of Declarer: Declared before me at Page and South Carolina USE This 76th day of January AD 2016 Commissioner of Oaths AD 2016 Commissioner of Oaths This registration must be revalidated after ten (10) years from CRN: 0C10908.5 ADD10 FID#: 2174 UND Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and	or contained in this form is true and to the best, materials of construction, pressure ned standards. I further declare that the to each plant where fabrication between in whable for that purpose and I make this scient ince and effect as it made under oath. THIS SPACE FOR THE AUTHORITY OF THE

Sccl. 1.0 - Filtings Rev. 1 06/2003

at a maximum interval of five (5) years.

tl /6 #

NEW BRUNSWICK NUNAVUT

MANUFACTURERS NAME:

NOVA SCOTIA YUKON

CONBRACO INDUSTRIES, INC.

MANUFACTURERS ADDRESS: 1418 S. PEARL STREET, PAGELAND, SC 29728, USA

PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

PLANT LOCATIONS: SAME AS ABOVE	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ON	Y TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types	- ASME B31.3
E Strainers, filters, separators, and steam traps	
F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters	
G Certified capacity-rated pressure relief devices acceptable as primary over pressure protections	ction on
boilers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories	
N Nuclear components: Class 1 □ Class 2 □ Class 3 □, (Meeting CNSC or ASME requi	rements)
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON TH	
"Apollo" valves	FORGED WELDED WROUGHT CAST OTHER DESCRIBE OTHER:
Manufactured by Conbraco Industries Inc.	
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITE	MS TO BE REGISTERED:
- BALL VALVE SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS	
,	·
responsibility for the quality of the end product do solemnly declare that the inform my knowledge represents the product for which registration is sought. The dimer temperature ratings, and identification markings are in accordance with the herein manufacture of these fittings is regulated by a Quality Control Program which extra	isions, materials of construction, pressure n named standards. I further declare that the ends to each plant where fabrication of butters in whole g suitable for that purpose and hake this solemn
Signature of Declarer:	
2:11	SETHIS SPACE FOR
This Z(oth day of January AD 2016	OFFICIATIONATION
Commissioner of Oaths Vancy Straw	CAROLILIA
or Notary Public: (sign) Y W CU SUCUM	AH IN IN INT
This space for Regulatory Author	NUNAVUI
This registration must be revalidated after ten (10) yea	rs on the late of acceptance Boilers and
CRN: 0C10908.5 ADD10	Nuñavut Pressure Vessels Act
FID#:	REGISTERED
	CRN DC 10908.5N Add 10
Notes: 1. All fittings shall be registered in the name of the Manufacturer.	Date A116, 5, 2016
2. Each category shall be supported with two Statutory Declaration	
forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and	Signed
responsibility for the quality of the end product.	Chilef Inspector
4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.	Territorial Registration Fee

CONBRACO INDUSTRIES INC.

701 MATTHEWS-MINT HILL ROAD MATTHEWS, NC USA, 28105

Page 1 of 3

16-Jun-16

FLOATING TYPE BALL VALVES - SCOPE OF CRN REGISTRATION

			FLOATING TYPE B	ALL VALVES -	SCOPE OF					
Valve	Valve	Material	Material	Design	Size	End	CRN MAWP	CRN MAWP	MDMT	Design
Series	Models	Description	Specification	Code	Range	Connections	at 100F	at 406F		Report #
		•	·				(Note 1)	(Note 1)		_
70-100	70-100						, ,			
	70-140									
	70-190									
70-100-BC	70-100-BC	1								
70-200	70-200									
	70-240									
70-300	70-300	1								
	70-340									
70-400	70-400	1								
	70-440									
70-800	70-800	1								
70B-140	70B-140	1								
	70B-150									
	70B-190									
71-100	71-100	1								
	71-120		ASTM B584-C84400							
	71-140	Bronze and	ASTM B283-C37700	ASME B31.3	4/4" (1	NDT OULL	000	405	005	D 0005 4
	71-150	Brass	ASTM B62-C83600	MSS SP-110	1/4" thru 3"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-1
	71-190		ASTM B16-C36000							
71-500	71-500	1	7.02.0 00000							
	71-540									
	71-590									
75-100	75-100	1								
77-100	77-100	1								
	77-140									
	77-150									
	77-190									
77-200	77-200	1								
	77-240									
	77-250									
7K-100	7K-100	1								
	7K-150									
	7K-190									
80-100	80-100	1								

FLOATING TYPE BALL VALVES - SCOPE OF CRN REGISTRATION CONTINUED										
Valve Series	Valve Models	Material Description	Material Specification	Design Code	Size Range	End Connections	CRN MAWP at 100F (Note 1)	CRN MAWP at 406F (Note 1)	MDMT	Design Report #
70LF-200 70LF-300	70LF-100 70LF-140 70LF-200 70LF-240 70LF-300	Lead Free Bronze and	ASTM B584-C89836 ASTM B927-C27451	ASME B31.3, MSS SP-110	1/4" thru 3"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-2
70LF-400	70LF-340 70LF-400 70LF-440	Brass								
77C	77C-100 77C-140 77C-100-UL 77C-200 77C-240 77C-200-UL 77C-800	Bronze and Brass	ASTM B584-C84400 ASTM B283-C37700 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-3
77CLF	77CLF-100 77CLF-140 77CLF-200 77CLF-240	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000	ASME B31.3, MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-4
82	82-100 82-140 82-200 82-400	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 4"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-5
82-LF	82LF-100 82LF-140 82LF-200 82LF-240	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000	ASME B31.3, MSS SP-110	1/4" thru 4"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-6
95	95A 95-100 95-200	Bronze and Brass	ASTM B584-C84400 ASTM B283-C37700 ASTM B62-C83600 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/2" thru 1"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-7
95	95ALF	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000	ASME B31.3, MSS SP-110	1/2" thru 1"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-8
71-AR	71-AR	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	3/4" thru 3"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-9

	FLOATING TYPE BALL VALVES - SCOPE OF CRN REGISTRATION CONTINUED									
Valve Series	Valve Models	Material Description	Material Specification	Design Code	Size Range	End Connections	CRN MAWP at 100F (Note 1)	CRN MAWP at 406F (Note 1)	MDMT	Design Report #
77-AR	77-AR	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-10
32-100 32-200	32-100 32-200	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-11
50GB	50GB GB50 GB50-A	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/2" thru 2"	NPT, Solder	250 psig	250 psig	- 20F	R-0605-12
70-600 70-900	70-600 70-640 70-900	Bronze and Brass	ASTM B584-C84400 ASTM B283-C37700 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-13
7B	7B-100 7B-300 7B-800	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-14
79	79 79-700	Brass	ASTM B283-C37700 ASTM B16-C36000 ASTM B75-C12200	ASME B31.3 ASME B31.5 MSS SP-110	3/8" thru 3-1/8"	Tube	500 psig	N/A	ASME B31.5 Grp. 2	R-0605-15

Note 1: The pressure-temperature ratings shown are the maximum CRN pressure-temperature ratings. In all cases the MAWP may be limited by the seat or seal material or other considerations. Please consult Conbraco / Apollo valve literature. Note 2: See attached list of manufacturing locations applicable to this CRN.

CERTIFICATE



TUV Rheinland of North America, Inc.

1300 Massachusetts Avenue, Suite 103, Boxborough, MA 01719

Hereby certifies that



Conbraco Industries, Inc.



701 Matthews-Mint Hill Road Matthews, NC 28105

has established and maintains a quality management system for the

Design and Manufacture of Flow and Pressure Relief Valves for Residential, Industrial and Medical Applications Under the Apollo Trademark; The Provision of Contract Calibration Services

An audit was performed and documented in Report No 2418. Proof has been furnished that the requirements according to

ISO 9001:2008

are fulfilled.

Further clarification regarding the scope of this certificate and the applicability of ISO 9001:2008 requirements may be obtained by contacting TRNA.

Certificate Registration No.

74 300 2418

Certificate Issue Date

December 01, 2015

Certificate Expiration Date **September 14, 2018**



Revised 11/30/2015 Certification Decision 11/30/2015

APPENDIX



TUV Rheinland of North America, Inc.

1300 Massachusetts Avenue, Suite 103, Boxborough, MA 01719

This appendix lists the sites certified under Certificate Number

74 300 2418, valid until September 14, 2018

For



Conbraco Industries, Inc.



SITE ADDRESS	ACTIVITIES RELATING TO:
701 Matthews-Mint Hill Road	Corporate HQ; Sales and Customer
Matthews, NC 28105	Service
1418 S. Pearl Street	Design, Manufacturing, Calibration &
Pageland, SC 29728	Distribution and Customer Service
1509 South Van Lingle Mungo Blvd Pageland, SC 29728	Foundry & Machining Operations
125 Highway 501 East Conway, SC 29526	Foundry & Manufacturing Operations

This appendix is only valid in conjunction with the referenced certificate.

ARAB ACCREDITED ISONECTOZII MANAGEMENT SYSTEMS Certification of Management Systems

Revised 11/30/2015



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

September09, 2016

SCOTT ISLIP ROUND ENGINEERING INC 10 SEGWUN RD WATERDOWN ON LOR 2H8 CA

Service Request Type.: BPV-National ACI Central

Service Request No.: 1910998 Your Reference No.: CONBRACO

Registered to.: CONBRACO INDUSTRIES

Dear SCOTT ISLIP,

Please find enclosed the original response from PEI, NS, NB, NFLD, YK, NWT, NU registered under the CRN No.: 0C10908.59870YTNADD10.

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,

Joanna Karpinski

Tel.: 416-734-3377 Fax: 416-231-6183

Email: jkarpinski@tssa.org

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLI NORTHWEST TERRIT		WFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	CONBRACO INDUS	TRIES. INC.		
MANUFACTURERS ADDRESS	1418 S. PEARL STR	REET, PAGELAND, SC 29728. U	SA	
PLANT LOCATIONS:	SAME AS ABOVE			
CATEGORY OF FITT	NGS TO BE REGISTE	RED, CIRCLE ONE CATEGOR	YONLY	TITLE OF THE STANDARD OF CONSTRUCTION
B Flanges: all flanges C Valves: all flan valves D Expension joints, flexible cor E Strainers, filters, separators,	inections, and hose ass and steam traps	olugs, unions, pipe caps, or reduc semblies: all types Il gauges, sight glasses, levels, or		- ASME B31.3
G Certified capacity-rated pres boilers, pressure vessels, pi H Pressure retaining compone	ping and fusible plugs	eptable as primary over prossure	protection on	
1		s 3 □, (Meeting CNSC or ASME	requirements)	
SHOW MANUFACTURERS NA				TYPE OF CONSTRUCTION
	'Apo	Valves	,	FORGED WELDED O WROUGHT D CAST OTHER D DESCRIBE OTHER:
LIST OF SUPPORTING DOC	UMENTATION AND ID	ENTIFICATION OF THE ACTUA	LITEMS TO BE RE	GISTERED:
my knowledge represents temperature ratings, and id manufacture of these fitting or in part and has been ver declaration conscientiously Signature of Declarer: Declared before me at	of the end product of the product for which entification markings is regulated by a fified by TUV (inployed by CONBRACO INItion of the control of the	nformation contain timensions, materinersions, materinersin named stanth extends to each being suitable for se same force and USETHI	dards. I further declare that the plant where fabrication of the propose and I make this solemn effect as it made under oath.
	-	This space for Regulatory A		
. Т	his registration mus	t be revalidated after ten (10)	years from the da	ale of acceptance.
CRN: - 0C10908.5	5 ADD10		PROVINCE OF P	CCEPTED RINCE EDWARD ISLAND LAND & ENVIRONMENT
Notes: 1. All fittings shall be regis 2. Each category shall be forms and one copy of sup 3. The declaration shall be responsibility for the quality control program at a maximum interval of \$1.	supported with two.Stapporting documentation a made by the person! y of the end product. as shall be resubmited	atutory Declaration L having full authority and	DATE: INSPECTION BOILER/PRESS	SERVICES SECTION SURE VESSEL, BILANCH Sect. 1.0 - Fittings Rev. 1 06/2003

08-05-2016

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWIC
NU INTAVALIT

NOVA SCOTIA

PRINCE FOWARD ISLAND

NEWFOUNDLAND AND LABRADOR

8/18

UNAVUT	YUKON	NORTHWEST TERRITORIES	
MANUFACTURERS NAME:	CONBRACO INDUSTRIE	S. INC.	
MANUFACTURERS ADDRESS:	1418 S. PEARL STREET.	PAGELAND, SC 29728, USA	
PLANT LOCATIONS:	SAME AS ABOVE		
CATEGORY OF FITT	NGS TO BE REGISTERED	CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including coupling B Flanges: all flanges C Valves: all line valves D Expansion Joints, flexible context. E Strainers, filters, separators, including F Measuring devices, including	nections, and hose assemble	ies: all types	- ASME B31.3
pressure transmitters G Certified capacity-rated press bollers, pressure vessels, pip H Pressure retaining componen	sure relief devices acceptab ping and fusible plugs nts that do not fall into one o	le as primary over pressure protection on of the above categories	
		l, (Meeting CNSC or ASME requirements) GO AS IT WILL APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION
	"Apoll	Valves Letured by Conbrace Industries Inc.	FORGED WELDED WROUGHT DESCRIBE OTHER:
- BALL VALVE SCOPE OF C		<u>IFICATION OF THE ACTUAL ITEMS TO BE R</u> .ATIONS, REPORTS	EGISTERED.
my knowledge represents to temperature ratings, and id manufacture of these fitting	of the end product do s he product for which reg entification markings are is is regulated by a Qual	yed by CONBRACO INDUSTRIES and olemnly declare that the information conta Istration is sought. The dimensions, mate in accordance with the herein named statity Control Program which extends to each 1:9001:2008) as being suitable for the large suitable sui	ined in this form is true and to the bes rials of construction, pressure indards. I further declare that the h plant where fabrication betters in wh

declaration conscientiously believ Signature of Declarer: Declared before me at day of _ Commissioner of Oaths

This space for Regulatory Authority use This registration must be revalidated after ten (10) years

CRN: 0C10908.5 ADD10

2174 FID#:

or Notary Public: (sign)

- 1. All fittings shall be registered in the name of the Manufacturer.
- 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.
- 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.
- 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.

of acceptance.

Sect. 1.0 - Fittings Rev. 1 06/2003

NEW BRUNSWICK	
ALL INTALAL IT	

NOVA SCOTIA

PRINCE EDWARD ISLAND

NEWFOUNDLAND AND LABRADOR

UNAVUT	YUKON NORTHWEST TERRITORIES	
MANUFACTURERS NAME:	CONBRACO INDUSTRIES, INC.	
MANUFACTURERS ADDRESS:	1418 S. PEARL STREET, PAGELAND, SC 29728, USA	
LANT LOCATIONS:	SAME AS ABOVE	
	NGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
Flanges: all flanges Valves: all line valves	gs, tees, elbows, Ys, plugs, unions, pipe caps, or reducers nections, and hose assemblies: all types	- ASME B31.3
Measuring devices, including pressure transmitters Certified capacity-rated press	pressure gauges, level gauges, sight glasses, levels, or sure relief devices acceptable as primary over pressure protection on	
boilers, pressure vessels, pip 1 Pressure retaining componer	ing and rusible plugs its that do not fall into one of the above categories	
N Nuclear components: Class	1 ☐ Class 2 ☐ Class 3 ☐, (Meeting CNSC or ASME requirements)	
HOW MANUFACTURERS NAI	*Apollos Valves Manufactured by Conbraco Industries Inc.	TYPE OF CONSTRUCTION FORGED WELDED WROUGHT DESCRIBE OTHER:
LIST OF SUPPORTING DOCU	MENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE R	EGISTERED:
- BALL VALVE SCOPE OF C	RN, DRAWINGS, CALCULATIONS, REPORTS	
my knowledge represents the emperature ratings, and ide manufacture of these fittings or in part and has been verified declaration conscientiously Signature of Declarer:	(see note 3) employed by CONBRACO INDUSTRIES and to fithe end product do solemnly declare that the information contains a product for which registration is sought. The dimensions, mater intification markings are in accordance with the herein named start is regulated by a Quality Control Program which extends to each field by TUV (ISO:9001:2008) as being suitable for believing it to be true, and knowing that it is of the same force and a longer and South Caroling and South Caroling are to See This languagy. AD 2016	ned in this form is true and to the best ials of construction, pressure dards. I further declare that the plant where fabrication occurs in who that purpose and make this solemn effect as if made under oath.
Commissioner of Oaths	lancy Strawn	Nouveau Nouveau
·	This space for Regulatory Authority use	INSWICK
Th	is registration must be revalidated after ten (10) years from the day	
0010000 5		PRESSURE VESSEL ACT
CRN: 0C10908.5		ISTRATION ONLY
FID#: 2174	CRN C	DC10,908,57Add10
Notes:		1 kun asan
Each category shall be surforms and one copy of support	ered in the name of the Manufacturer. upported with two Statutory Declaration orting documentation.	for BOALER INSPECTOR
3. The declaration shall be responsibility for the quality	made by the person having full authority and	15/2016
4. Quality control programs	shall be resubmitted for validation	Post 4.0 Fillian Day 4.00
at a maximum interval of five	e (5) years.	Sect. 1.9 Fittings Rev. 1 06.

NEW BRUNSWICK NUNAVUT NOVA SCOTIA YUKON PRINCE EDWARD ISLAND NORTHWEST TERRITORIES NEWFOUNDLAND AND LABRADOR

WHO NO TOTAL TOTAL		
	ONBRACO INDUSTRIES, INC.	
ANUFACTURERS ADDRESS: 14	18 S. PEARL STREET, PAGELAND, SC 29728, USA	
LANT LOCATIONS: SA	AME AS ABOVE	
CATEGORY OF FITTINGS	TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
Flanges: all flanges Valves: all line valves Expansion joints, flexible connecti Strainers, filters, separators, and s	lees, elbows, Ys, plugs, unions, pipe caps, or reducers lons, and hose assemblies: all types steam traps ssure gauges, level gauges, sight glasses, levels, or	- ASME 831.3
bollers, pressure vessels, piping		
• •	hat do not fall into one of the above categories	
	Class 2 Class 3 C, (Meeting CNSC or ASME requirements)	
HOW MANUFACTURERS NAME.	TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODE # Apollo" Valves Manufactured by Conbraco Industries Inc.	FORGED WELDED WROUGHT DESCRIBE OTHER
LIST OF SUPPORTING DOCUME	NTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO B	E REGISTERED:
·		
DAVID EDMONDS responsibility for the quality of the my knowledge represents the part temperature ratings, and identify manufacture of these fittings is or in part and has been verified declaration conscientiously believed. Signature of Declarer:	lieving it to be true, and knowing that it is of the same force	ontained in this form is true and to the best of naterials of construction, pressure standards. I further declare that the each plant where fabrication of this in whole to that purpose and I make this sclemn
responsibility for the quality of the my knowledge represents the part temperature ratings, and identify manufacture of these fittings is or in part and has been verified declaration conscientiously believed to be the signature of Declarer: Declared before me at This 26th day of 10th day of 1	the end product do solemnly declare that the information of product for which registration is sought. The dimensions, makings are in accordance with the herein named regulated by a Quality Control Program which extends to be a by TUV (ISO:9001:2008) as being suitable lieving it to be true, and knowing that it is of the same force a solemn south of the same force and solemn south solemn solem	entained in this form is true and to the best of naterials of construction, pressure standards. I further declare that the each plant where fabrication of the purpose and I make this solemne and effect as if made under oath.
DAVID EDMONDS responsibility for the quality of the part and identify manufacture of these fittings is or in part and has been verified declaration conscientiously believed. Signature of Declarer:	the end product do solemnly declare that the information of product for which registration is sought. The dimensions, makings are in accordance with the herein named regulated by a Quality Control Program which extends to be a by TUV (ISO:9001:2008) as being suitable lieving it to be true, and knowing that it is of the same force a solemn south of the same force and solemn south solemn solem	entained in this form is true and to the best of naterials of construction, pressure standards. I further declare that the each plant where fabrication of the purpose and I make this solemne and effect as if made under oath.
DAVID EDMONDS esponsibility for the quality of the seponsibility and identification and has been verified declaration conscientiously belong the seponsibility of the separate separ	the end product do solemnly declare that the information controduct for which registration is sought. The dimensions, makings are in accordance with the herein named regulated by a Quality Control Program which extends to a by TUV (ISO:9001:2008) as being suitablitiving it to be true, and knowing that it is of the same force and south Carolina USET and South Carol	entained in this form is true and to the best of naterials of construction, pressure standards. I further declare that the each plant where fabrication of thurs in whole e for that purpose and I make this solemn and effect as if made under oath. HIS SPA EFFE
DAVID EDMONDS responsibility for the quality of the personsibility for the quality of the knowledge represents the person of these fittings is or in part and has been verified declaration conscientiously belong the person of Declarer: Declared before me at This 76+th day of 100 Commissioner of Oaths or Notary Public: (sign)	the end product do solemnly declare that the information controduct for which registration is sought. The dimensions, makings are in accordance with the herein named regulated by a Quality Control Program which extends to a toy TUV (ISO:9001:2008) as being suitablicity in the same force as a soleton of the same force and south Carolina as a soleton of the same force and south Carolina are the same force and south Carolina and South Carolina are the same force and south Carolina and South Carolina are the same force and south Carolina are the same force and south Carolina are the same force and south Carolina are the same force and south Carolina are the same force and south Carolina are the same force and south Carolina are the same force and south Carolina are the same force and south Carolina are the same force and south Carolina are the same force and south Carolina are the same force and south Carolina are the same force and south Carolina are the same force and south Carolina are the same force are the same force and south Carolina are the same force and south Carolina are the same force are t	entained in this form is true and to the best of naterials of construction, pressure standards. I further declare that the each plant where fabrication of thurs in whole e for that purpose and I make this solemn and effect as if made under oath. HIS SPA EFFE
DAVID EDMONDS responsibility for the quality of the my knowledge represents the patemperature ratings, and identify manufacture of these fittings is or in part and has been verified declaration conscientiously belong the second of the secon	the end product do solemnly declare that the information controduct for which registration is sought. The dimensions, makings are in accordance with the herein named regulated by a Quality Control Program which extends to a toy TUV (ISO:9001:2008) as being suitable lieving it to be true, and knowing that it is of the same force and south Carolina USET INVALLA AD 2016 This space for Regulatory Authority use registration must be revalidated after ten (10) years from the product of the same force and the same force are specifically as the same force and the same force are specifically as the same force and the same force are specifically as the same force and the same force are specifically as the same force	entained in this form is true and to the best of naterials of construction, pressure standards. I further declare that the each plant where fabrication of thurs in whole e for that purpose and I make this solemn and effect as if made under oath. HIS SPA EFFE
DAVID EDMONDS responsibility for the quality of to my knowledge represents the posterior temperature ratings, and identify manufacture of these fittings is or in part and has been verified declaration conscientiously belong the signature of Declarer: Declared before me at This 100 Hay of 100 Commissioner of Oaths or Notary Public: (sign)	the end product do solemnly declare that the information controduct for which registration is sought. The dimensions, makings are in accordance with the herein named regulated by a Quality Control Program which extends to a toy TUV (ISO:9001:2008) as being suitable lieving it to be true, and knowing that it is of the same force and south Carolina USET INVALLA AD 2016 This space for Regulatory Authority use registration must be revalidated after ten (10) years from the product of the same force and the same force are specifically as the same force and the same force are specifically as the same force and the same force are specifically as the same force and the same force are specifically as the same force	entained in this form is true and to the best of naterials of construction, pressure standards. I further declare that the each plant where fabrication obturs in whole e for that purpose and I make this solemn and effect as if made under oath. HIS SPA E FILL AND CAROLAND

NEW BRUNSWICK

NOVA SCOTIA

PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME:	CONBRACO INDUSTRIES, INC.	
MANUFACTURERS ADDRESS:	1418 S. PEARL STREET, PAGELAND, SC 29728, USA	
PLANT LOCATIONS:	SAME AS ABOVE	
	GS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible conne E Strainers, filters, separators, ar F Measuring devices, including p pressure transmitters	ections, and hose assemblies: all types nd steam traps pressure gauges, level gauges, sight glasses, levels, or are relief devices acceptable as primary over pressure protection on	- ASME B31.3
boilers, pressure vessels, pipi		
•	s that do not fall into one of the above categories	
	☐ Class 2 ☐ Class 3 ☐, (Meeting CNSC or ASME requirements)	
SHOW MANUFACTURERS NAM	*Apollo Valves Manufactured by Conbraco Industries Inc.	FORGED WELDED WROUGHT DESCRIBE OTHER:
LIST OF SUPPORTING DOCUM	MENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE R	EGISTERED:
my knowledge represents the temperature ratings, and ide manufacture of these fittings or in part and has been verif	(390 note 3) employed by CONBRACO INDUSTRIES and of the end product do solemnly declare that the information contains the product for which registration is sought. The dimensions, mate ntification markings are in accordance with the herein named state is regulated by a Quality Control Program which extends to each fied by TUV (ISO:9001:2008) as being suitable for believing it to be true, and knowing that it is of the same force and	ined in this form is true and to the best rials of construction, pressure ndards. I further declare that the n plant where fabrication occurs in wh r that purpose and I make this soleme
Signature of Declarer:	ALLE II C. II C. II	HOLAR
Declared before me at H	ageland, South Caroling USETH January AD 2016 OF	FICIANOS PARIS
Commissioner of Oaths or Notary Public: (sign)	lancy Strawn	CAROUNIA
Th	This space for Regulatory Authority use ais registration must be revalidated after ten (10) years from the c	date of acceptance.
CRN: 0C10908.5	ADD10	
FID#: 2174		MENT OF THE

Notes:

1. All fittings shall be registered in the name of the Manufacturer.

2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.

3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.

4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.

NEW BRUNSWICK NUNAVUT

NOVA SCOTIA YUKON

PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

ANUFACTURERS NAME: CONBRACO INDUSTRIES, INC.	
ANUFACTURERS ADDRESS: 1418 S. PEARL STREET, PAGELAND. SC 29728, USA	
ANT LOCATIONS: SAME AS ABOVE	
CATEGORY OF FITTINGS TO BE REGISTERED, CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
Pipo fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or roducers Flanges: all flanges Valves: all fine valves	- ASME B31.3
Expansion joints, flexible connections, and hose assemblies: all types Strainors, filters, separators, and steam traps	
Measuring devices, including pressure gauges, lovel gauges, sight glasses, levels, or	
pressure transmitters Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on	
bollers, pressure yessels, piping and fusible plugs	` \
Pressure retaining components that do not fall into one of the above categories Nuclear components: Class 1 □ Class 2 □ Class 3 □, (Meeting CNSC or ASME requirements)	a \
TOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRO	
"Apollo" Valves Manufactured by Combraco Industries Inc.	FORGED WELDED WROUGHT DESCRIBE OTHER
IST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO	BE BEGISTERED
DAVID EDMONDS (300 Mole 3) employed by CONBRACO INDUSTRIES esponsibility for the quality of the end product do solemnly declare that the information of the product for which registration is sought. The dimensions, emperature ratings, and identification markings are in accordance with the herein name manufacture of these fittings is regulated by a Quality Control Program which extends to be in part and has been verified by TUV (ISO:9001:2008) TUV (ISO:9001:2008)	contained in this form is true and to the bes , materials of construction, pressure ed standards. I further declare that the o each plant where fabrication betters in whatele for that purpose and this solemn
DAVID EDMONDS (300 Note 3) employed by CONBRACO INDUSTRIES esponsibility for the quality of the end product do solemnly declare that the information by knowledge represents the product for which registration is sought. The dimensions, emperature ratings, and identification markings are in accordance with the herein name nanufacture of these fittings is regulated by a Quality Control Program which extends to it in part and has been verified by TUV (ISO:9001:2008) as being suital eclaration conscientiously believing it to be true, and knowing that it is of the same force.	contained in this form is true and to the best, materials of construction, pressure ed standards. I further declare that the o each plant where fabrication between that purpose and that purpose and that purpose and that purpose and that purpose and that purpose and that purpose and that purpose and that purpose and that purpose and that purpose and that purpose and that purpose and that purpose and that purpose and that purpose and that purpose and the purpo
DAVID EDMONDS (300 Note 3) employed by CONBRACO INDUSTRIES esponsibility for the quality of the end product do solemnly declare that the information by knowledge represents the product for which registration is sought. The dimensions, emperature ratings, and identification markings are in accordance with the herein name nanufacture of these fittings is regulated by a Quality Control Program which extends to in in part and has been verified by TUV (ISO:9001:2008) as being suita leclaration conscientiously believing it to be true, and knowing that it is of the same forestimates of Declarer:	contained in this form is true and to the best materials of construction, pressure ed standards. I further declare that the o each plant where fabrication obtains in whale for that purpose and Tmake this sciemm ce and effect as it made under oath.
DAVID EDMONDS (300 note 3) employed by CONBRACO INDUSTRIES asponsibility for the quality of the end product do solemnly declare that the Information by knowledge represents the product for which registration is sought. The dimensions, amperature ratings, and identification markings are in accordance with the herein name nanufacture of these fittings is regulated by a Quality Control Program which extends to ir in part and has been verified by TUV (ISO:9001:2008) as being suital leclaration conscientiously believing it to be true, and knowing that it is of the same forestimated before me at Age and South Caroling U S E	contained in this form is true and to the best materials of construction, pressure ed standards. I further declare that the o each plant where fabrication obtains in whale for that purpose and Tmake this sciemm ce and effect as it made under oath.
DAVID EDMONDS (300 Notes 2) employed by CONBRACO INDUSTRIES esponsibility for the quality of the end product do solemnly declare that the information by knowledge represents the product for which registration is sought. The dimensions, emperature ratings, and identification markings are in accordance with the herein name nanufacture of these fittings is regulated by a Quality Control Program which extends to in in part and has been verified by TUV (ISO:9001:2008) as being suital eclaration conscientiously believing it to be true, and knowing that it is of the same forestimators of Declarer: Declared before me at Ageland South Caroling U.S.E. This 26th day of January AD 2016	contained in this form is true and to the best materials of construction, pressure ed standards. I further declare that the o each plant where fabrication desure in whale for that purpose and Tmake this edemice and effect as it made under oath. THIS SPA
DAVID EDMONDS (300 Notes 2) employed by CONBRACO INDUSTRIES esponsibility for the quality of the end product do solemnly declare that the information by knowledge represents the product for which registration is sought. The dimensions, emperature ratings, and identification markings are in accordance with the herein name nanufacture of these fittings is regulated by a Quality Control Program which extends to in in part and has been verified by TUV (ISO:9001:2008) as being suital eclaration conscientiously believing it to be true, and knowing that it is of the same forestimators of Declarer: Declared before me at Ageland South Caroling U.S.E. This 26th day of January AD 2016	contained in this form is true and to the best materials of construction, pressure ed standards. I further declare that the o each plant where fabrication obtains in whale for that purpose and Tmake this sciemm ce and effect as it made under oath.
DAVID EDMONDS (200 note 3) employed by CONBRACO INDUSTRIES responsibility for the quality of the end product do solemnly declare that the information by knowledge represents the product for which registration is sought. The dimensions, emperature ratings, and identification markings are in accordance with the herein name nanufacture of these fittings is regulated by a Quality Control Program which extends to r in part and has been verified by TUV (ISO:9001:2008) as being suital eclaration conscientiously believing it to be true, and knowing that it is of the same for signature of Declarer: Declared before me at Pageland South Caroling U.S.E. This 76th day of January AD 2016 Commissioner of Oaths Amount Statum	contained in this form is true and to the best materials of construction, pressure ed standards. I further declare that the o each plant where fabrication desure in whale for that purpose and Tmake this edemice and effect as it made under oath. THIS SPA
DAVID EDMONDS (200 Note 2) employed by CONBRACO INDUSTRIES responsibility for the quality of the end product do solemnly declare that the Information of the end product for which registration is sought. The dimensions, remperature ratings, and identification markings are in accordance with the herein name manufacture of these fittings is regulated by a Quality Control Program which extends to it in part and has been verified by TUV (ISO:9001:2008) as being suital eclaration conscientiously believing it to be true, and knowing that it is of the same for the	contained in this form is true and to the best materials of construction, pressure ed standards. I further declare that the o each plant where fabrication obsurs in whatele for that purpose and I make this scient ce and effect as it made under oath. THIS SPEA
DAVID EDMONDS (300 Notary Public: (sign) DAVID EDMONDS (300 Notary Public: (sign) This registration must be revalidated after ten (10) years from	contained in this form is true and to the best materials of construction, pressure ed standards. I further declare that the o each plant where fabrication obsurs in whale for that purpose and Triake this edemice and effect as it made under oath. THIS SPANELLE STANDARD TO TARE THE
DAVID EDMONDS (300 Moles 3) employed by CONBRACO INDUSTRIES perponsibility for the quality of the end product do solemnly declare that the Information of the end product for which registration is sought. The dimensions, perpendictory and identification markings are in accordance with the herein name perpendictory of these fittings is regulated by a Quality Control Program which extends to per in part and has been verified by TUV (ISO:9001:2008) as being suital per lectaration conscientiously believing it to be true, and knowing that it is of the same fore Declared before me at Page and South Carolina U S E This 26th day of January AD 2016 Commissioner of Oaths Or Notary Public: (sign) Mancy Straw This space for Regulatory Authority was	contained in this form is true and to the best materials of construction, pressure ed standards. I further declare that the o each plant where fabrication obsurs in whale for that purpose and Triake this edemice and effect as it made under oath. THIS SPANE FOR THE CAROLINA OF A PARILLE OF FILL A PA
DAVID EDMONDS (300 Notes 2) employed by CONBRACO INDUSTRIES responsibility for the quality of the end product do solemnly declare that the Information of the knowledge represents the product for which registration is sought. The dimensions, remperature ratings, and identification markings are in accordance with the herein name nanufacture of these fittings is regulated by a Quality Control Program which extends to be in part and has been verified by TUV (ISO:9001:2008) as being suital declaration conscientiously believing it to be true, and knowing that it is of the same for signature of Declarer: Declared before me at Page and South Caroling U S E This 2(oth day of January AD 2016 Commissioner of Oaths or Notary Public: (sign) This registration must be revalidated after ten (10) years from CRN: 0C10908.5 ADD10	contained in this form is true and to the best materials of construction, pressure ed standards. I further declare that the o each plant where fabrication obsures in whatele for that purpose and Tmake this scient rice and effect as it made under oath. THIS SPANISHED CAROLINASS PROBLEM CAROLINASS
DAVID EDMONDS (300 Notes 3) employed by CONBRACO INDUSTRIES responsibility for the quality of the end product do solemnly declare that the Information of the knowledge represents the product for which registration is sought. The dimensions, remperature ratings, and identification markings are in accordance with the herein name nanufacture of these fittings is regulated by a Quality Control Program which extends to in part and has been verified by TUV (ISO:9001:2008) as being suita declaration conscientiously believing it to be true, and knowing that it is of the same formation of Declarer: Declared before me at Page and South Caroling U S E This 26th day of January AD 2016 Commissioner of Oaths or Notary Public: (sign) This registration must be revalidated after ten (10) years from CRN: 0C10908.5 ADD10 FID#: 2174	contained in this form is true and to the best materials of construction, pressure ed standards. I further declare that the o each plant where fabrication desure in whatele for that purpose and Tmake this scient rice and effect as it made under oath. THIS SPANISHED CAROLINASS THIS SPANISH CAROLINASS THIS SPANISH CAROLINASS THE AUTHORITY REGISTERED
DAVID EDMONDS (300 Moles 3) employed by CONBRACO INDUSTRIES Responsibility for the quality of the end product do solemnly declare that the Information only knowledge represents the product for which registration is sought. The dimensions, remperature ratings, and identification markings are in accordance with the herein name nanufacture of these fittings is regulated by a Quality Control Program which extends to real part and has been verified by TUV (ISO:9001:2008) as being suital declaration conscientiously believing it to be true, and knowing that it is of the same for Signature of Declarer: Declared before me at Page and South Caroling U.S.E. This 2(oth day of January AD 2016 Commissioner of Oaths or Notary Public: (sign) This space for Regulatory Authority was from CRN: 0C10908.5 ADD10 FID#: 2174 UND THE	contained in this form is true and to the best materials of construction, pressure ed standards. I further declare that the o each plant where fabrication obsurs in whatele for that purpose and I make this solemn ce and effect as it made under oath. THIS SPEATER CAROLINATION C
DAVID EDMONDS (300 Moles 3) employed by CONBRACO INDUSTRIES responsibility for the quality of the end product do solemnly declare that the Information of the knowledge represents the product for which registration is sought. The dimensions, remperature ratings, and identification markings are in accordance with the herein name nanufacture of these fittings is regulated by a Quality Control Program which extends to real part and has been verified by TUV (ISO:9001:2008) as being suital declaration conscientiously believing. It to be true, and knowing that it is of the same for Signature of Declarer: Declared before me at Pageland South Caroling U.S.E. This 2(oth day of January AD 2016 Commissioner of Oaths or Notary Public: (sign) Mancy Straw This space for Regulatory Authority was from CRN: 0C10908.5 ADD10 FID#: 2174 UND THE	contained in this form is true and to the best materials of construction, pressure ed standards. I further declare that the oreach plant where fabrication obsures in whatele for that purpose and Triake this scient ce and effect as it made under oath. THIS SPANDED CAROLINA OF FILL AND PRESIDENT OF FILL AND PRESIDENT OF BOILER AND PRESIDENT OF STANDARD
DAVID EDMONDS (300 note 3) employed by CONBRACO INDUSTRIES proposibility for the quality of the end product do solemnly declare that the Information only knowledge represents the product for which registration is sought. The dimensions, and identification markings are in accordance with the herein name nanufacture of these fittings is regulated by a Quality Control Program which extends to refuse the part and has been verified by TUV (ISO:9001:2008) as being suital declaration conscientiously believing it to be true, and knowing that it is of the same for signature of Declarer: Declared before me at Pageland South Caroling This 2(6th day of January AD 2016 Commissioner of Oaths or Notary Public: (sign) This registration must be revalidated after ten (10) years from CRN: 0C10908.5 ADD10 FID#: 2174 Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. C.R.A.	contained in this form is true and to the best materials of construction, pressure ed standards. I further declare that the oreach plant where fabrication obsurs in whatele for that purpose and Triake this solemn ce and effect as it made under oath. THIS SPEATERED THIS SPEATERED THE AUTHORITY OF THE AUTHORITY OF BOILER AND PRESSEL ACT. OCC. 109085T ADD 10
esponsibility for the quality of the end product do solemnly declare that the Information by knowledge represents the product for which registration is sought. The dimensions, emperature ratings, and identification markings are in accordance with the herein name nanufacture of these fittings is regulated by a Quality Control Program which extends to in part and has been verified by TUV (ISO:9001:2008) as being suita declaration conscientiously believing it to be true, and knowing that it is of the same for Signature of Declarer: Declared before me at Pageland South Caroling U.S.E. This Zloth day of January AD 2016 Commissioner of Oaths or Notary Public: (sign) This space for Regulatory Authority was from CRN: 0C10908.5 ADD10 FID#: 2174 UND THE	contained in this form is true and to the best materials of construction, pressure ed standards. I further declare that the oreach plant where fabrication obsurs in whale or that purpose and Triake this scient ce and effect as it made under oath. THIS SPEA SE STANDELLE TO TARRELLE THE AUTHORITY CAROLING. REGISTERED PER THE AUTHORITY CONSTITUTE OF THE AUTHORITY

Sccl. 1.0 - Filtings Rev. 1 06/2003

at a maximum interval of five (5) years.

tl /6 #

NEW BRUNSWICK NUNAVUT

MANUFACTURERS NAME:

NOVA SCOTIA YUKON

CONBRACO INDUSTRIES, INC.

MANUFACTURERS ADDRESS: 1418 S. PEARL STREET, PAGELAND, SC 29728, USA

PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

PLANT LOCATIONS: SAME AS ABOVE	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ON	Y TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types	- ASME B31.3
E Strainers, filters, separators, and steam traps	
F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters	
G Certified capacity-rated pressure relief devices acceptable as primary over pressure protections	ction on
boilers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories	
N Nuclear components: Class 1 □ Class 2 □ Class 3 □, (Meeting CNSC or ASME requi	rements)
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON TH	E PRODUCT TYPE OF CONSTRUCTION
"Apollo" Valves	FORGED WELDED WROUGHT CAST OTHER DESCRIBE OTHER:
Manufactured by Conbraco Industries Inc.	·
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITE	MS TO BE REGISTERED:
- BALL VALVE SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS	
SALE TALIBOOK I OF STRIP STRIP STRIP STRIP	
	·
responsibility for the quality of the end product do solemnly declare that the inform my knowledge represents the product for which registration is sought. The dimer temperature ratings, and identification markings are in accordance with the herein manufacture of these fittings is regulated by a Quality Control Program which extro in part and has been verified by TUV (ISO:9001:2008) as bein declaration conscientiously believing it to be true, and knowing that it is of the sa	nsions, materials of construction, pressure n named standards. I further declare that the ends to each plant where fabrication of bothers in whole g suitable for that purpose बार्ट्स निवेह्य निवेह्य किन्द्रिकी
Signature of Declarer:	
2011	SETHIS SPACE FOR
This Z(oth day of Sanuary AD 2016	OFFICIATION, FUBLIC.
Commissioner of Oaths or Notary Public: (sign) Mancy Straw	CAROLINI
	NII INI AVALIT
This space for Regulatory Author	ity INUINAVUI
This registration must be revalidated after ten (10) year	1 1 5 - 3 - 3 -
CRN: 0C10908.5 ADD10	Nunavut Pressure Vessels Act
FID#: 2174	REGISTERED
N. C.	CRN <u>DC 10908.5N Add 10</u>
Notes: 1. All fittings shall be registered in the name of the Manufacturer.	Date A1/G 5 20/6
Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.	Signed Allico A.
3. The declaration shall be made by the person having full authority and	
responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation	Chief Inspector
at a maximum interval of five (5) years.	Territorial Registration Fee

CONBRACO INDUSTRIES INC.

701 MATTHEWS-MINT HILL ROAD MATTHEWS, NC USA, 28105

Page 1 of 3

16-Jun-16

FLOATING TYPE BALL VALVES - SCOPE OF CRN REGISTRATION

	FLOATING TYPE BALL VALVES - SCOPE OF CRN REGISTRATION									
Valve	Valve	Material	Material	Design	Size	End	CRN MAWP	CRN MAWP	MDMT	Design
Series	Models	Description	Specification	Code	Range	Connections	at 100F	at 406F		Report #
		•	·				(Note 1)	(Note 1)		_
70-100	70-100							,		
	70-140									
	70-190									
70-100-BC	70-100-BC	1								
70-200	70-200									
	70-240									
70-300	70-300	1								
	70-340									
70-400	70-400	1								
	70-440									
70-800	70-800	1								
70B-140	70B-140	1								
	70B-150									
	70B-190									
71-100	71-100	1								
	71-120		ASTM B584-C84400							
	71-140	Bronze and	ASTM B283-C37700	ASME B31.3	4/4" (1	NDT OULL	000	405	005	D 0005 4
	71-150	Brass	ASTM B62-C83600	MSS SP-110	1/4" thru 3"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-1
	71-190		ASTM B16-C36000							
71-500	71-500	1	7.01210 000000							
	71-540									
	71-590									
75-100	75-100	1								
77-100	77-100	1								
	77-140									
	77-150									
	77-190									
77-200	77-200	1								
	77-240									
	77-250									
7K-100	7K-100	1								
	7K-150									
	7K-190									
80-100	80-100	1								

		FLO	ATING TYPE BALL VA	ALVES - SCOP	E OF CRN R	EGISTRATION	CONTINUED			
Valve Series	Valve Models	Material Description	Material Specification	Design Code	Size Range	End Connections	CRN MAWP at 100F (Note 1)	CRN MAWP at 406F (Note 1)	MDMT	Design Report #
70LF-200 70LF-300	70LF-100 70LF-140 70LF-200 70LF-240 70LF-300	Lead Free Bronze and	ASTM B584-C89836 ASTM B927-C27451	ASME B31.3, MSS SP-110	1/4" thru 3"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-2
70LF-400	70LF-340 70LF-400 70LF-440	Brass								
77C	77C-100 77C-140 77C-100-UL 77C-200 77C-240 77C-200-UL 77C-800	Bronze and Brass	ASTM B584-C84400 ASTM B283-C37700 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-3
77CLF	77CLF-100 77CLF-140 77CLF-200 77CLF-240	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000	ASME B31.3, MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-4
82	82-100 82-140 82-200 82-400	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 4"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-5
82-LF	82LF-100 82LF-140 82LF-200 82LF-240	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000	ASME B31.3, MSS SP-110	1/4" thru 4"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-6
95	95A 95-100 95-200	Bronze and Brass	ASTM B584-C84400 ASTM B283-C37700 ASTM B62-C83600 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/2" thru 1"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-7
95	95ALF	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000	ASME B31.3, MSS SP-110	1/2" thru 1"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-8
71-AR	71-AR	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	3/4" thru 3"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-9

		FLO	ATING TYPE BALL VA	ALVES - SCOP	E OF CRN R	EGISTRATION	CONTINUED			
Valve Series	Valve Models	Material Description	Material Specification	Design Code	Size Range	End Connections	CRN MAWP at 100F (Note 1)	CRN MAWP at 406F (Note 1)	MDMT	Design Report #
77-AR	77-AR	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-10
32-100 32-200	32-100 32-200	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-11
50GB	50GB GB50 GB50-A	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/2" thru 2"	NPT, Solder	250 psig	250 psig	- 20F	R-0605-12
70-600 70-900	70-600 70-640 70-900	Bronze and Brass	ASTM B584-C84400 ASTM B283-C37700 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-13
7B	7B-100 7B-300 7B-800	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-14
79	79 79-700	Brass	ASTM B283-C37700 ASTM B16-C36000 ASTM B75-C12200	ASME B31.3 ASME B31.5 MSS SP-110	3/8" thru 3-1/8"	Tube	500 psig	N/A	ASME B31.5 Grp. 2	R-0605-15

Note 1: The pressure-temperature ratings shown are the maximum CRN pressure-temperature ratings. In all cases the MAWP may be limited by the seat or seal material or other considerations. Please consult Conbraco / Apollo valve literature. Note 2: See attached list of manufacturing locations applicable to this CRN.

CERTIFICATE



TUV Rheinland of North America, Inc.

1300 Massachusetts Avenue, Suite 103, Boxborough, MA 01719

Hereby certifies that



Conbraco Industries, Inc.



701 Matthews-Mint Hill Road Matthews, NC 28105

has established and maintains a quality management system for the

Design and Manufacture of Flow and Pressure Relief Valves for Residential, Industrial and Medical Applications Under the Apollo Trademark; The Provision of Contract Calibration Services

An audit was performed and documented in Report No 2418. Proof has been furnished that the requirements according to

ISO 9001:2008

are fulfilled.

Further clarification regarding the scope of this certificate and the applicability of ISO 9001:2008 requirements may be obtained by contacting TRNA.

Certificate Registration No.

74 300 2418

Certificate Issue Date

December 01, 2015

Certificate Expiration Date **September 14, 2018**



Revised 11/30/2015 Certification Decision 11/30/2015 Certification of Management Systems

APPENDIX



TUV Rheinland of North America, Inc.

1300 Massachusetts Avenue, Suite 103, Boxborough, MA 01719

This appendix lists the sites certified under Certificate Number

74 300 2418, valid until September 14, 2018

For



Conbraco Industries, Inc.



SITE ADDRESS	ACTIVITIES RELATING TO:
701 Matthews-Mint Hill Road	Corporate HQ; Sales and Customer
Matthews, NC 28105	Service
1418 S. Pearl Street	Design, Manufacturing, Calibration &
Pageland, SC 29728	Distribution and Customer Service
1509 South Van Lingle Mungo Blvd Pageland, SC 29728	Foundry & Machining Operations
125 Highway 501 East Conway, SC 29526	Foundry & Manufacturing Operations

This appendix is only valid in conjunction with the referenced certificate.

ARAB ACCREDITED ISORETYOZI Certification of Management Systems



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

September09, 2016

SCOTT ISLIP ROUND ENGINEERING INC 10 SEGWUN RD WATERDOWN ON LOR 2H8 CA

Service Request Type.: BPV-National ACI Central

Service Request No.: 1910998 Your Reference No.: CONBRACO

Registered to.: CONBRACO INDUSTRIES

Dear SCOTT ISLIP,

Please find enclosed the original response from PEI, NS, NB, NFLD, YK, NWT, NU registered under the CRN No.: 0C10908.59870YTNADD10.

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,

Joanna Karpinski

Tel.: 416-734-3377 Fax: 416-231-6183

Email: jkarpinski@tssa.org

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLI NORTHWEST TERRIT		WFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	CONBRACO INDUS	TRIES. INC.		
MANUFACTURERS ADDRESS	1418 S. PEARL STR	REET, PAGELAND, SC 29728. U	SA	
PLANT LOCATIONS:	SAME AS ABOVE			
CATEGORY OF FITT	NGS TO BE REGISTE	RED, CIRCLE ONE CATEGOR	YONLY	TITLE OF THE STANDARD OF CONSTRUCTION
B Flanges: all flanges C Valves: all flan valves D Expension joints, flexible cor E Strainers, filters, separators,	inections, and hose ass and steam traps	olugs, unions, pipe caps, or reduc semblies: all types Il gauges, sight glasses, levels, or		- ASME B31.3
G Certified capacity-rated pres boilers, pressure vessels, pi H Pressure retaining compone	ping and fusible plugs	eptable as primary over prossure	protection on	
1		s 3 □, (Meeting CNSC or ASME	requirements)	
SHOW MANUFACTURERS NA				TYPE OF CONSTRUCTION
	'Apo	Valves	,	FORGED WELDED O WROUGHT D CAST OTHER D DESCRIBE OTHER:
LIST OF SUPPORTING DOC	UMENTATION AND ID	ENTIFICATION OF THE ACTUA	LITEMS TO BE RE	GISTERED:
my knowledge represents temperature ratings, and id manufacture of these fitting or in part and has been ver declaration conscientiously Signature of Declarer: Declared before me at	of the end product of the product for which entification markings is regulated by a fified by TUV (inployed by CONBRACO INItion of the control of the	nformation contain timensions, materialerein named stan extends to each being suitable for se same force and USETHI	dards. I further declare that the plant where fabrication of curves in whole that purpose and I make this solemn effect as it made under oath.
	-	This space for Regulatory A		
. Т	his registration mus	t be revalidated after ten (10)	years from the da	ale of acceptance.
CRN: - 0C10908.5	5 ADD10		PROVINCE OF P	CCEPTED RINCE EDWARD ISLAND LAND & ENVIRONMENT
Notes: 1. All fittings shall be regis 2. Each category shall be forms and one copy of sup 3. The declaration shall be responsibility for the quality control program at a maximum interval of \$1.	supported with two.Stapporting documentation a made by the person! y of the end product. as shall be resubmited	atutory Declaration L having full authority and	DATE: INSPECTION BOILER/PRESS	SERVICES SECTION SURE VESSEL, BILANCH Sect. 1.0 - Fittings Rev. 1 06/2003

8/18

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWIC
AH IMIANA IT

NOVA SCOTIA

PRINCE EDWARD ISLAND

NEWFOUNDLAND AND LABRADOR

TUVANL	YUKON	NORTHWEST TERRITORIES	
MANUFACTURERS NAME:	CONBRACO INDUSTRIES.	INC.	
MANUFACTURERS ADDRESS:	1418 S. PEARL STREET, P	PAGELAND, SC 29728, USA	
PLANT LOCATIONS:	SAME AS ABOVE		
CATEGORY OF FITTIN	IGS TO BE REGISTERED,	CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including coupling B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible conn E Strainers, filters, separators, a F Measuring devices, including pressure transmitters C Certified capacity-rated pressibollers, pressure vessels, pip H Pressure retaining componen	ections, and hose assemblie nd steam traps pressure gauges, level gauge ure relief devices acceptable ing and fusible plugs	s: all types es, sight glasses, levels, or as primary over pressure protection on	- ASME B31.3
N Nuclear components: Class	1 🗆 Class 2 🗆 Class 3 🗀,	(Meeting CNSC or ASME requirements)	
SHOW MANUFACTURERS NAM	"Apoll	O AS IT WILL APPEAR ON THE PRODUCT Valves Ured by Conbraca Industries Inc.	TYPE OF CONSTRUCTION FORGED WELDED WARDUGHT D CAST OTHER D DESCRIBE OTHER:
LIST OF SUPPORTING DOCU	MENTATION AND IDENTIF	ICATION OF THE ACTUAL ITEMS TO BE R	EGISTERED:
- BALL VALVE SCOPE OF C			
my knowledge represents the temperature ratings, and ide manufacture of these fittings or in part and has been veri	of the end product do solve product for which registentification markings are is is regulated by a Quality fied by TUV (ISO: believing it to be true, an ageland South (ISO: S	ed by CONBRACO INDUSTRIES and emnly declare that the information contact at a cordance with the herein named start (Control Program which extends to each good: 2008) as being suitable for declared the same force and cordinal USETH 2016	ined in this form is true and to the beserials of construction, pressure indards. I further declare that the high plant where fabrication obtains in whom that purpose and I make this solemn deffect as if made under oath.

This space for Regulatory Authority use

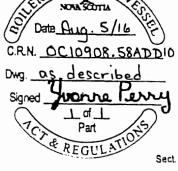
This registration must be revalidated after ten (10) years of acceptance.

CRN: 0C10908.5 ADD10

Commissioner of Oaths Mancy Strawn

2174 FID#:

- 1. All fittings shall be registered in the name of the Manufacturer.
- 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.
- 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.
- 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.



Sect. 1.0 - Fittings Rev. 1 06/2003

NEW BRUNSWICK

NOVA SCOTIA

PRINCE EDWARD ISLAND

UNAVUI	TOKON NORTHWEST TERRITORIES	
MANUFACTURERS NAME:	CONBRACO INDUSTRIES, INC.	
MANUFACTURERS ADDRESS:	1418 S. PEARL STREET, PAGELAND, SC 29728, USA	
PLANT LOCATIONS:	SAME AS ABOVE	
CATEGORY OF FITTI	NGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible cont	gs, tees, elbows, Ys, plugs, unions, pipe caps, or reducers nections, and hose assemblies: all types	- ASME B31.3
E Strainers, filters, separators, a	and steam traps pressure gauges, level gauges, sight glasses, levels, or	
pressure transmitters G Certified capacity-rated press boilers, pressure vessels, pip	ure relief devices acceptable as primary over pressure protection on	
N Nuclear components: Class	1 ☐ Class 2 ☐ Class 3 ☐, (Meeting CNSC or ASME requirements)	
SHOW MANUFACTURERS NAI	ME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUC	TYPE OF CONSTRUCTION
	*Apollo® Valves Manufactured by Conbraco Industries Inc.	FORGED WELDED WROUGHT CAST OTHER DESCRIBE OTHER:
LIST OF SUPPORTING DOCU	MENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE	REGISTERED:
- BALL VALVE SCOPE OF C	RN, DRAWINGS, CALCULATIONS, REPORTS	
my knowledge represents the temperature ratings, and ide manufacture of these fittings or in part and has been verified declaration conscientiously. Signature of Declarer: Declared before me at This	(see note 3) employed by CONBRACO INDUSTRIES and of the end product do solemnly declare that the information control e product for which registration is sought. The dimensions, material interest of the solemnia of the end product for which registration is sought. The dimensions, material interest of the same force and the end of the same force and the end of the same force and the end of the same force and the end of the same force and the end of the same force and the end of the same force and the end of the same force and the end of the same force and the end of the same force and the end of the	ained in this form is true and to the best erials of construction, pressure andards. I further declare that the sh plant where fabrication occurs in who or that purpose and I make this solemn and effect as if made under oath.
	This space for Regulatory Authority us	unswick
Th	is registration must be revalidated after ten (10) years from the	
0010000 5		PRESSURE VESSEL ACT
CRN: 0C10908.5 FID#: 2174		EGISTRATION ONLY ON 14908 S7Add 10
		1/2.10
Each category shall be surforms and one copy of supports. The declaration shall be responsibility for the quality.	nade by the person having full authority and of the end product. shall be resubmitted for validation	F BOLER INSPECTOR 8 /5 /2016 SLRs Sect. 1.0 VEittings Rev. 1 06/2

NEW BRUNSWICK NUNAVUT NOVA SCOTIA YUKON PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

CANOL ACTORIZATION TO MILE.		
IANUFACTURERS ADDRESS: 14	UNBRACO INDUSTRIES, INC.	
	18 S. PEARL STREET, PAGELAND, SC 29728, USA	
LANT LOCATIONS: SA	AME AS ABOVE	
CATEGORY OF FITTINGS	TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
Flanges: all flanges Valves: all line valves Expansion joints, flexible connect Strainers, filters, separators, and	tees, elbows, Ys, plugs, unions, pipe caps, or reducers ilons, and hose assemblies: all types steam traps ssure gauges, level gauges, sight glasses, levels, or	- ASME B31.3
bollers, pressure vessels, piping		
• .	hat do not fall into one of the above categories	
	Class 2 Class 3 C, (Meeting CNSC or ASME requirements) TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUC	TYPE OF CONSTRUCTION
NOW MANUFACTUREDS NAME.	*Apollo Valves Manufactured by Conbraco Industries Inc.	FORGED WELDED WARDUCHT DESCRIBE OTHER DESCRIBE OTHER
LIST OF SUPPORTING DOCUME	NTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE	REGISTERED:
DECLARATION: DAVID EDMONDS		
responsibility for the quality of the year the property of the person to the property of the person to the property of the person to the perso	lieving it to be true, and knowing that it is of the same force and south Carolina USETI	atained in this form is true and to the best of sterials of construction, pressure standards. I further declare that the ach plant where fabrication obturs in whole for that purpose and I make this solemn and effect as it made under oath.
responsibility for the quality of the year the property of the	the end product do solemnly declare that the information concorduct for which registration is sought. The dimensions, manufaction markings are in accordance with the herein named so regulated by a Quality Control Program which extends to each by TUV (ISO:9001:2008) as being suitable lieving it to be true, and knowing that it is of the same force and accordance with the herein named so regulated by a Quality Control Program which extends to each display to be a point of the same force of the sa	atained in this form is true and to the best of sterials of construction, pressure standards. I further declare that the ach plant where fabrication obturs in whole for that purpose and I make this solemn and effect as it made under oath.
responsibility for the quality of the year the property of the person to the property of the person to the property of the person to the perso	the end product do solemnly declare that the information concorduct for which registration is sought. The dimensions, management of the first in accordance with the herein named so regulated by a Quality Control Program which extends to early by TUV (ISO:9001:2008) as being suitable lieving it to be true, and knowing that it is of the same force and the	atained in this form is true and to the best of sterials of construction, pressure standards. I further declare that the ach plant where fabrication obturs in whole for that purpose and I make this solemn and effect as it made under oath.
responsibility for the quality of the yknowledge represents the plemperature ratings, and identify an identify and the series of these fittings is sor in part and has been verified declaration conscientiously be signature of Declarer: Declared before me at This2(off day of10 Commissioner of Oaths or Notary Public: (sign)	the end product do solemnly declare that the information concorduct for which registration is sought. The dimensions, management of the first in accordance with the herein named so regulated by a Quality Control Program which extends to early by TUV (ISO:9001:2008) as being suitable lieving it to be true, and knowing that it is of the same force and accordance with the herein named so regulated by a Quality Control Program which extends to early suitable lieving it to be true, and knowing that it is of the same force and	atalned in this form is true and to the best of sterials of construction, pressure standards. I further declare that the ach plant where fabrication obturs in whole for that purpose and make this sclemn and effect as it made under oath. HIS SPA E FI
esponsibility for the quality of the yknowledge represents the plemperature ratings, and identification and factories of these fittings is or in part and has been verified declaration conscientiously be signature of Declarer: Declared before me at This 2004 day of 0000 Commissioner of Oaths or Notary Public: (sign)	the end product do solemnly declare that the information controduct for which registration is sought. The dimensions, manification markings are in accordance with the herein named so regulated by a Quality Control Program which extends to early by TUV (ISO:9001:2008) as being suitable lieving it to be true, and knowing that it is of the same force and t	atalned in this form is true and to the best of sterials of construction, pressure standards. I further declare that the ach plant where fabrication obturs in whole for that purpose and make this sclemn and effect as it made under oath. HIS SPA E FI
responsibility for the quality of the yknowledge represents the plemperature ratings, and identify an identify and the series of these fittings is sor in part and has been verified declaration conscientiously be signature of Declarer: Declared before me at This2(off day of10 Commissioner of Oaths or Notary Public: (sign)	the end product do solemnly declare that the information controduct for which registration is sought. The dimensions, manification markings are in accordance with the herein named so regulated by a Quality Control Program which extends to early by TUV (ISO:9001:2008) as being suitable lieving it to be true, and knowing that it is of the same force and t	atalned in this form is true and to the best of sterials of construction, pressure standards. I further declare that the ach plant where fabrication obturs in whole for that purpose and make this sclemn and effect as it made under oath. HIS SPA E FI
responsibility for the quality of tmy knowledge represents the part temperature ratings, and identify manufacture of these fittings is or in part and has been verified declaration conscientiously be Signature of Declarer: Declared before me at This 20th day of Commissioner of Oaths or Notary Public: (sign)	the end product do solemnly declare that the information controduct for which registration is sought. The dimensions, manification markings are in accordance with the herein named so regulated by a Quality Control Program which extends to early by TUV (ISO:9001:2008) as being suitable lieving it to be true, and knowing that it is of the same force and t	atalned in this form is true and to the best of sterials of construction, pressure standards. I further declare that the ach plant where fabrication obturs in whole for that purpose and make this sclemn and effect as it made under oath. HIS SPA E FI

NEW BRUNSWICK

NOVA SCOTIA

PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME:	CONBRACO INDUSTRIES, INC.	
MANUFACTURERS ADDRESS:	1418 S. PEARL STREET, PAGELAND, SC 29728, USA	
PLANT LOCATIONS:	SAME AS ABOVE	
	IGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible conn E Strainers, filters, separators, a F Measuring devices, including pressure transmitters G Certified capacity-rated pressure boilers, pressure vessels, pip	pressure gauges, level gauges, sight glasses, levels, or ure relief devices acceptable as primary over pressure protection on	- ASME B31.3
	1 □ Class 2 □ Class 3 □, (Meeting CNSC or ASME requirements)	
	ME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION
	*Apollo Valves Manufactured by Conbraco Industries Inc.	FORGED WELDED WROUGHT CAST OTHER DESCRIBE OTHER:
LIST OF SUPPORTING DOCU	MENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE R	EGISTERED:
my knowledge represents the temperature ratings, and ide manufacture of these fittings or in part and has been veri	(300 note 3) employed by CONBRACO INDUSTRIES and to of the end product do solemnly declare that the information contains product for which registration is sought. The dimensions, materiantification markings are in accordance with the herein named stars is regulated by a Quality Control Program which extends to each field by TUV (ISO:9001:2008) as being suitable for believing it to be true, and knowing that it is of the same force and	ned in this form is true and to the bestials of construction, pressure indards. I further declare that the plant where fabrication occurs in what purpose and I make this solement that purpose and I make this solement.
Declared before me at f	lageland South Carolina USETH	FICIANOS PUBLIC
Commissioner of Oaths or Notary Public: (sign)	Jancy Strawn	CAROLINA
TI	This space for Regulatory Authority use his registration must be revalidated after ten (10) years from the d	ate of acceptance.
CRN: 0C10908.5	ADD10	ENT
FID#: 2174		To real parties

Notes:

1. All fittings shall be registered in the name of the Manufacturer.

2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.

3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.

4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.

NEW BRUNSWICK NUNAVUT NOVA SCOTIA YUKON PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: CONBRACO INDUSTRIES, INC.	
MANUFACTURERS ADDRESS: 1418 S. PEARL SYREET, PAGELAND. SC 29728, USA	
LANT LOCATIONS: SAME AS ABOVE	
CATEGORY OF FITTINGS TO BE REGISTERED, CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
N Plpo fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers Names: all flanges Valves: all fine valves	- ASME B31.3
Expansion joints, flexible connections, and hose assemblies: all types Strainors, filters, separators, and steam traps	1
Measuring devices, including pressure gauges, lovel gauges, sight glasses, levels, or	
pressure transmitters 3. Certified capacity-rated prossure relief devices acceptable as primary over pressure protection on	
bollers, prossure vessels, piping and fusible plugs	
H Pressure retaining components that do not fall into one of the above categories	
N Nuclear components: Class 1 □ Class 2 □ Class 3 □, (Meeting CNSC or ASME requirements)	TYPE OF CONSTRUCTION
CHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT	FORGED WELDED IT WROUGHT IT
Apollo Valves Manufactured by Conbraco Industrias Inc.	CAST OTHER DESCRIBE OTHER:
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE R	EGISTERED:
- BALL VALVE SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS	
•	
declaration conscientiously believing it to be true, and knowing that it is of the same force and Signature of Declarer: Declared before me at Pageland South Carolina USETH This 2(ath day of January AD 2016 OF Commissioner of Oaths or Notary Public: (sign) This space for Regulatory Authority was	ned in this form is true and to the best lais of construction, pressure indards. I further declare that the plant where fabrication declare in who that purpose and make this sciemn is effect as it made under oath.
This registration must be revalidated after ten (10) years from the d	Will A Market
CRN: 0C10908.5 ADD10	oritmest 16
	16(LNOKIES ' A To
	GISTERED
LINDERT	HE AUTHORITY OF
THE BOIL	ER AND PRESIDENT
1 140103.	rceel ACL d
2. Each category shall be supported with two Statutory Declaration C.R.N.	C.10908,5T ADD10
2. The declaration shall be made by the person having full authority and	62
responsibility for the quality of the end product.	P 08 12016
4. Quality control programs shall be resubmitted for validation	

1.0 - Filtings Rev. 1 06/2003

at a maximum interval of five (5) years.

NEW BRUNSWICK NUNAVUT

MANUFACTURERS NAME:

NOVA SCOTIA YUKON

CONBRACO INDUSTRIES, INC.

MANUFACTURERS ADDRESS: 1418 S. PEARL STREET, PAGELAND, SC 29728, USA

PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY OF	NLY TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves	- ASME B31.3
D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps	
F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters	
G Certified capacity-rated pressure relief devices acceptable as primary over pressure prote boilers, pressure vessels, piping and fusible plugs	ection on
H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 □ Class 2 □ Class 3 □, (Meeting CNSC or ASME requ	uiromento)
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON T	
"Andlo" values	FORGED WELDED WROUGHT CAST OTHER DESCRIBE OTHER:
Manufactured by Conbraco Industries Inc.	
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL IT	TEMS TO BE REGISTERED:
DALL VALVE SCORE OF CON DRAWINGS CALCULATIONS DEPORTS	
- BALL VALVE SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS	
my knowledge represents the product for which registration is sought. The dime temperature ratings, and identification markings are in accordance with the here manufacture of these fittings is regulated by a Quality Control Program which ex or in part and has been verified byTUV (ISO:9001:2008) as bei declaration conscientiously believing it to be true, and knowing that it is of the s	ein named standards. I further declare that the dends to each plant where fabrication occurs in whole ing suitable for that purpose बेंगुई । साबेंस्ड this solemn
Signature of Declarer:	HOTAN
0. 1. 1. 6. 11. 6. 11.	
21.4	JSETHIS SPACE FOR
This /(oth day of 1/0 nugry AD 2016	OFFICIAL PORT
1110	OFFICIA DO TO THE TO THE OFFICIAL PROPERTY OF THE OFFICE AND THE O
Commissioner of Oaths or Notary Public: (sign) Yancy Strawn	OFFICIATION CAROLINA
Commissioner of Oaths or Notary Public: (sign) This space for Regulatory Author	OFFICIATION PUBLIC OF CAROLINA
Commissioner of Oaths Yancu Straw This space for Regulatory Author	OFFICIATION PUBLIC WALLE NUMBER
Commissioner of Oaths Mancy Strawn or Notary Public: (sign)	OFFICIATION PUBLIC OF CAROLINA
Commissioner of Oaths or Notary Public: (sign) Yancu Straw This space for Regulatory Author This registration must be revalidated after ten (10) ye	OFFICIAL CAROUNDATE OF ACCEPTANCE Boilers and
Commissioner of Oaths or Notary Public: (sign) This space for Regulatory Author This registration must be revalidated after ten (10) ye CRN: 0C10908.5 ADD10	NUNAVUT ars roman ate of acceptance Boilers and Nunavut Pressure Vessels Act REGISTERED
Commissioner of Oaths or Notary Public: (sign) Yancu Straw This space for Regulatory Author This registration must be revalidated after ten (10) ye CRN: 0C10908.5 ADD10 FID#: 2174 Notes:	NUNAVUT ars opposite ate of acceptance Boilers and Nunavut Pressure Vessels Act REGISTERED CRN 00008.5N Add 10
Commissioner of Oaths or Notary Public: (sign) Man Cu Straw This space for Regulatory Author This registration must be revalidated after ten (10) ye CRN: 0C10908.5 ADD10 FID#: 2174 Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration	NUNAVUT ars roman ate of acceptance Boilers and Nunavut Pressure Vessels Act REGISTERED CRN 10908.5N Add 10 Date 4165 2016
Commissioner of Oaths or Notary Public: (sign) Man Cu Straw This space for Regulatory Author This registration must be revalidated after ten (10) ye CRN: OC10908.5 ADD10 FID#: 2174 Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.	NUNAVUT ars opput ate of acceptance Boilers and Nunavut Pressure Vessels Act REGISTERED CRN 000908.5N Add 10 Date A164.5 2016 Signed
Commissioner of Oaths or Notary Public: (sign) Man Cu Strown This space for Regulatory Author This registration must be revalidated after ten (10) ye CRN: 0C10908.5 ADD10 FID#: 2174 Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.	NUNAVUT ars roman ate of acceptance Boilers and Nunavut Pressure Vessels Act REGISTERED CRN DC 10908-5N Add 10 Date AUG 5 2016
Commissioner of Oaths or Notary Public: (sign) This space for Regulatory Author This registration must be revalidated after ten (10) yes CRN: OC10908.5 ADD10 FID#: 2174 Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation	NUNAVUT ars complete ate of acceptance Boilers and Nunavut Pressure Vessels Act REGISTERED CRN 00008.5N Add 100 Date 4107.5 2016 Signed Chief Inspector
Commissioner of Oaths or Notary Public: (sign) Man Cu Straw This space for Regulatory Author This registration must be revalidated after ten (10) ye CRN: OC10908.5 ADD10 FID#: 2174 Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.	NUNAVUT ars opportunities and Nunavut Pressure Vessels Act REGISTERED CRN 00008.5N Add 100 Date A114.5 2016. Signed

CONBRACO INDUSTRIES INC.

701 MATTHEWS-MINT HILL ROAD MATTHEWS, NC USA, 28105

Page 1 of 3

16-Jun-16

FLOATING TYPE BALL VALVES - SCOPE OF CRN REGISTRATION

			FLOATING TYPE B.	ALL VALVES -	SCOPE OF					
Valve	Valve	Material	Material	Design	Size	End	CRN MAWP	CRN MAWP	MDMT	Design
Series	Models	Description	Specification	Code	Range	Connections	at 100F	at 406F		Report #
		•	·				(Note 1)	(Note 1)		_
70-100	70-100						, ,			
	70-140									
	70-190									
70-100-BC	70-100-BC	1								
70-200	70-200									
	70-240									
70-300	70-300	1								
	70-340									
70-400	70-400	1								
	70-440									
70-800	70-800	1								
70B-140	70B-140	1								
	70B-150									
	70B-190									
71-100	71-100	1								
	71-120		ASTM B584-C84400							
	71-140	Bronze and	ASTM B283-C37700	ASME B31.3	4/4" (1	NDT OULL	000	405	005	D 0005 4
	71-150	Brass	ASTM B62-C83600	MSS SP-110	1/4" thru 3"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-1
	71-190		ASTM B16-C36000							
71-500	71-500	1	7.02.0 00000							
	71-540									
	71-590									
75-100	75-100	1								
77-100	77-100	1								
	77-140									
	77-150									
	77-190									
77-200	77-200	1								
	77-240									
	77-250									
7K-100	7K-100	1								
	7K-150									
	7K-190									
80-100	80-100	1								

		FLO	ATING TYPE BALL VA	ALVES - SCOP	E OF CRN R	EGISTRATION	CONTINUED	-		
Valve Series	Valve Models	Material Description	Material Specification	Design Code	Size Range	End Connections	CRN MAWP at 100F (Note 1)	CRN MAWP at 406F (Note 1)	MDMT	Design Report #
70LF-200 70LF-300	70LF-100 70LF-140 70LF-200 70LF-240 70LF-300	Lead Free Bronze and	ASTM B584-C89836 ASTM B927-C27451	ASME B31.3, MSS SP-110	1/4" thru 3"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-2
70LF-400	70LF-340 70LF-400 70LF-440	Brass								
77C	77C-100 77C-140 77C-100-UL 77C-200 77C-240 77C-200-UL 77C-800	Bronze and Brass	ASTM B584-C84400 ASTM B283-C37700 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-3
77CLF	77CLF-100 77CLF-140 77CLF-200 77CLF-240	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000	ASME B31.3, MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-4
82	82-100 82-140 82-200 82-400	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 4"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-5
82-LF	82LF-100 82LF-140 82LF-200 82LF-240	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000	ASME B31.3, MSS SP-110	1/4" thru 4"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-6
95	95A 95-100 95-200	Bronze and Brass	ASTM B584-C84400 ASTM B283-C37700 ASTM B62-C83600 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/2" thru 1"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-7
95	95ALF	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000	ASME B31.3, MSS SP-110	1/2" thru 1"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-8
71-AR	71-AR	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	3/4" thru 3"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-9

		FLO	ATING TYPE BALL VA	ALVES - SCOP	E OF CRN R	EGISTRATION	CONTINUED			
Valve Series	Valve Models	Material Description	Material Specification	Design Code	Size Range	End Connections	CRN MAWP at 100F (Note 1)	CRN MAWP at 406F (Note 1)	MDMT	Design Report #
77-AR	77-AR	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-10
32-100 32-200	32-100 32-200	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-11
50GB	50GB GB50 GB50-A	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/2" thru 2"	NPT, Solder	250 psig	250 psig	- 20F	R-0605-12
70-600 70-900	70-600 70-640 70-900	Bronze and Brass	ASTM B584-C84400 ASTM B283-C37700 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-13
7B	7B-100 7B-300 7B-800	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-14
79	79 79-700	Brass	ASTM B283-C37700 ASTM B16-C36000 ASTM B75-C12200	ASME B31.3 ASME B31.5 MSS SP-110	3/8" thru 3-1/8"	Tube	500 psig	N/A	ASME B31.5 Grp. 2	R-0605-15

Note 1: The pressure-temperature ratings shown are the maximum CRN pressure-temperature ratings. In all cases the MAWP may be limited by the seat or seal material or other considerations. Please consult Conbraco / Apollo valve literature. Note 2: See attached list of manufacturing locations applicable to this CRN.

CERTIFICATE



TUV Rheinland of North America, Inc.

1300 Massachusetts Avenue, Suite 103, Boxborough, MA 01719

Hereby certifies that



Conbraco Industries, Inc.



701 Matthews-Mint Hill Road Matthews, NC 28105

has established and maintains a quality management system for the

Design and Manufacture of Flow and Pressure Relief Valves for Residential, Industrial and Medical Applications Under the Apollo Trademark; The Provision of Contract Calibration Services

An audit was performed and documented in Report No 2418. Proof has been furnished that the requirements according to

ISO 9001:2008

are fulfilled.

Further clarification regarding the scope of this certificate and the applicability of ISO 9001:2008 requirements may be obtained by contacting TRNA.

Certificate Registration No.

74 300 2418

Certificate Issue Date

December 01, 2015

Certificate Expiration Date **September 14, 2018**



Revised 11/30/2015 Certification Decision 11/30/2015

APPENDIX



TUV Rheinland of North America, Inc.

1300 Massachusetts Avenue, Suite 103, Boxborough, MA 01719

This appendix lists the sites certified under Certificate Number

74 300 2418, valid until September 14, 2018

For



Conbraco Industries, Inc.



SITE ADDRESS	ACTIVITIES RELATING TO:
701 Matthews-Mint Hill Road	Corporate HQ; Sales and Customer
Matthews, NC 28105	Service
1418 S. Pearl Street	Design, Manufacturing, Calibration &
Pageland, SC 29728	Distribution and Customer Service
1509 South Van Lingle Mungo Blvd Pageland, SC 29728	Foundry & Machining Operations
125 Highway 501 East Conway, SC 29526	Foundry & Manufacturing Operations

This appendix is only valid in conjunction with the referenced certificate.

ARAB ACCREDITED ISONECTOZII MANAGEMENT SYSTEMS Certification of Management Systems

Revised 11/30/2015



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

September09, 2016

SCOTT ISLIP ROUND ENGINEERING INC 10 SEGWUN RD WATERDOWN ON LOR 2H8 CA

Service Request Type.: BPV-National ACI Central

Service Request No.: 1910998 Your Reference No.: CONBRACO

Registered to.: CONBRACO INDUSTRIES

Dear SCOTT ISLIP,

Please find enclosed the original response from PEI, NS, NB, NFLD, YK, NWT, NU registered under the CRN No.: 0C10908.59870YTNADD10.

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,

Joanna Karpinski

Tel.: 416-734-3377 Fax: 416-231-6183

Email: jkarpinski@tssa.org

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLI NORTHWEST TERRIT		WFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	CONBRACO INDUS	TRIES. INC.		
MANUFACTURERS ADDRESS	1418 S. PEARL STR	REET, PAGELAND, SC 29728. U	SA	
PLANT LOCATIONS:	SAME AS ABOVE			
CATEGORY OF FITT	NGS TO BE REGISTE	RED, CIRCLE ONE CATEGOR	YONLY	TITLE OF THE STANDARD OF CONSTRUCTION
B Flanges: all flanges C Valves: all flan valves D Expension joints, flexible cor E Strainers, filters, separators,	inections, and hose ass and steam traps	olugs, unions, pipe caps, or reduc semblies: all types Il gauges, sight glasses, levels, or		- ASME B31.3
G Certified capacity-rated pres boilers, pressure vessels, pi H Pressure retaining compone	ping and fusible plugs	eptable as primary over prossure	protection on	
1		s 3 □, (Meeting CNSC or ASME	requirements)	
SHOW MANUFACTURERS NA				TYPE OF CONSTRUCTION
	'Apo	Valves	,	FORGED WELDED O WROUGHT D CAST OTHER D DESCRIBE OTHER:
LIST OF SUPPORTING DOC	UMENTATION AND ID	ENTIFICATION OF THE ACTUA	LITEMS TO BE RE	GISTERED:
my knowledge represents temperature ratings, and id manufacture of these fitting or in part and has been ver declaration conscientiously Signature of Declarer: Declared before me at	of the end product of the product for which entification markings is regulated by a fified by TUV (inployed by CONBRACO INItion of the control of the	nformation contain timensions, materialerein named stan extends to each being suitable for se same force and USETHI	dards. I further declare that the plant where fabrication of curves in whole that purpose and I make this solemn effect as it made under oath.
	-	This space for Regulatory A		
. Т	his registration mus	t be revalidated after ten (10)	years from the da	ale of acceptance.
CRN: - 0C10908.5	5 ADD10		PROVINCE OF P	CCEPTED RINCE EDWARD ISLAND LAND & ENVIRONMENT
Notes: 1. All fittings shall be regis 2. Each category shall be forms and one copy of sup 3. The declaration shall be responsibility for the quality control program at a maximum interval of \$1.	supported with two.Stapporting documentation a made by the person! y of the end product. as shall be resubmited	atutory Declaration L having full authority and	DATE: INSPECTION BOILER/PRESS	SERVICES SECTION SURE VESSEL, BILANCH Sect. 1.0 - Fittings Rev. 1 06/2003

08-05-2016

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWIC
NU INTAVALIT

NOVA SCOTIA

PRINCE FOWARD ISLAND

NEWFOUNDLAND AND LABRADOR

8/18

UNAVUT	YUKON	NORTHWEST TERRITORIES	
MANUFACTURERS NAME:	CONBRACO INDUSTRIE	S. INC.	
MANUFACTURERS ADDRESS:	1418 S. PEARL STREET.	PAGELAND, SC 29728, USA	
PLANT LOCATIONS:	SAME AS ABOVE		
CATEGORY OF FITT	NGS TO BE REGISTERED	CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including coupling B Flanges: all flanges C Valves: all line valves D Expansion Joints, flexible context. E Strainers, filters, separators, including F Measuring devices, including	nections, and hose assemble	ies: all types	- ASME B31.3
pressure transmitters G Certified capacity-rated press bollers, pressure vessels, pip H Pressure retaining componen	sure relief devices acceptab ping and fusible plugs nts that do not fall into one o	le as primary over pressure protection on of the above categories	
		l, (Meeting CNSC or ASME requirements) GO AS IT WILL APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION
	"Apoll	Valves curred by Conbraca Industries Inc.	FORGED WELDED WROUGHT DESCRIBE OTHER:
- BALL VALVE SCOPE OF C		<u>IFICATION OF THE ACTUAL ITEMS TO BE R</u> .ATIONS, REPORTS	EGISTERED.
my knowledge represents to temperature ratings, and id manufacture of these fitting	of the end product do s he product for which reg entification markings are is is regulated by a Qual	yed by CONBRACO INDUSTRIES and olemnly declare that the information conta Istration is sought. The dimensions, mate in accordance with the herein named statity Control Program which extends to each 1:9001:2008) as being suitable for	ined in this form is true and to the bes rials of construction, pressure indards. I further declare that the h plant where fabrication betters in wh

declaration conscientiously believ Signature of Declarer: Declared before me at day of _ Commissioner of Oaths

This space for Regulatory Authority use This registration must be revalidated after ten (10) years

CRN: 0C10908.5 ADD10

2174 FID#:

or Notary Public: (sign)

- 1. All fittings shall be registered in the name of the Manufacturer.
- 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.
- 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.
- 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.

of acceptance.

Sect. 1.0 - Fittings Rev. 1 06/2003

NEW BRUNSWICK	
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NOVA SCOTIA

PRINCE EDWARD ISLAND

UNAVUT	YUKON NORTHWEST TERRITORIES	
MANUFACTURERS NAME:	CONBRACO INDUSTRIES, INC.	
MANUFACTURERS ADDRESS:	1418 S. PEARL STREET, PAGELAND, SC 29728, USA	
LANT LOCATIONS:	SAME AS ABOVE	
	NGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
Flanges: all flanges Valves: all line valves	gs, tees, elbows, Ys, plugs, unions, pipe caps, or reducers	- ASME B31.3
Measuring devices, including pressure transmitters Certified capacity-rated press	pressure gauges, level gauges, sight glasses, levels, or sure relief devices acceptable as primary over pressure protection on	
boilers, pressure vessels, pip 1 Pressure retaining componer	ong and rusible plugs ts that do not fall into one of the above categories	
N Nuclear components: Class	1 ☐ Class 2 ☐ Class 3 ☐, (Meeting CNSC or ASME requirements)	
HOW MANUFACTURERS NAI	** ** ** ** ** ** ** ** ** **	FORGED WELDED WROUGHT DESCRIBE OTHER:
LIST OF SUPPORTING DOCU	MENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE R	EGISTERED:
- BALL VALVE SCOPE OF C	RN, DRAWINGS, CALCULATIONS, REPORTS	
my knowledge represents the emperature ratings, and ide manufacture of these fittings or in part and has been verified declaration conscientiously Signature of Declarer:	(see note 3) employed by CONBRACO INDUSTRIES and to fithe end product do solemnly declare that the information contains a product for which registration is sought. The dimensions, mater intification markings are in accordance with the herein named starts is regulated by a Quality Control Program which extends to each field by TUV (ISO:9001:2008) as being suitable for believing it to be true, and knowing that it is of the same force and a long and south Caroling of the same force and long and	ned in this form is true and to the best ials of construction, pressure idards. I further declare that the plant where fabrication octurs in who that purpose and make this solemn effect as if made under oath.
Commissioner of Oaths	lancy Strawn	Nouveau
·	This space for Regulatory Authority use	inswick
Th	is registration must be revalidated after ten (10) years from the day	
0010000 5		PRESSURE VESSEL ACT
CRN: 0C10908.5		SISTRATION ONLY
FID#: <u>2174</u>	CAN C	DC10908.57Add10
Notes:		1 run acase
Each category shall be surforms and one copy of support	ered in the name of the Manufacturer. upported with two Statutory Declaration orting documentation.	for BOALER INSPECTOR
3. The declaration shall be responsibility for the quality	made by the person having full authority and of the end product.	15/2016
4. Quality control programs	shall be resubmitted for validation	Figor 10 Eiting Dou 100
at a maximum interval of five	e (5) years.	Sect. 1.9 Eittings Rev. 1 06

NEW BRUNSWICK NUNAVUT NOVA SCOTIA YUKON PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

CANOL ACTORIZATION TO MILE.		
IANUFACTURERS ADDRESS: 14	UNBRACO INDUSTRIES, INC.	
	18 S. PEARL STREET, PAGELAND, SC 29728, USA	
LANT LOCATIONS: SA	AME AS ABOVE	
CATEGORY OF FITTINGS	TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
Flanges: all flanges Valves: all line valves Expansion joints, flexible connect Strainers, filters, separators, and	tees, elbows, Ys, plugs, unions, pipe caps, or reducers ilons, and hose assemblies: all types steam traps ssure gauges, level gauges, sight glasses, levels, or	- ASME B31.3
bollers, pressure vessels, piping		
• .	hat do not fall into one of the above categories	
	Class 2 Class 3 C, (Meeting CNSC or ASME requirements) TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUC	TYPE OF CONSTRUCTION
NOW MANUFACTUREDS NAME.	*Apollo Valves Manufactured by Conbraco Industries Inc.	FORGED WELDED WARDUCHT DESCRIBE OTHER DESCRIBE OTHER
LIST OF SUPPORTING DOCUME	NTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE	REGISTERED:
DECLARATION: DAVID EDMONDS		
responsibility for the quality of the year the property of the person to the property of the person to the property of the person to the perso	lieving it to be true, and knowing that it is of the same force and south Carolina USETI	atained in this form is true and to the best of sterials of construction, pressure standards. I further declare that the ach plant where fabrication obturs in whole for that purpose and I make this solemn and effect as it made under oath.
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responsibility for the quality of the yknowledge represents the plemperature ratings, and identify an identify and the series of these fittings is sor in part and has been verified declaration conscientiously be signature of Declarer: Declared before me at This2(off day of10 Commissioner of Oaths or Notary Public: (sign)	the end product do solemnly declare that the information concorduct for which registration is sought. The dimensions, management of the first in accordance with the herein named so regulated by a Quality Control Program which extends to early by TUV (ISO:9001:2008) as being suitable lieving it to be true, and knowing that it is of the same force and accordance with the herein named so regulated by a Quality Control Program which extends to early suitable lieving it to be true, and knowing that it is of the same force and	atalned in this form is true and to the best of sterials of construction, pressure standards. I further declare that the ach plant where fabrication obturs in whole for that purpose and make this sclemn and effect as it made under oath. HIS SPA E FI
esponsibility for the quality of the yknowledge represents the plemperature ratings, and identification and factories of these fittings is or in part and has been verified declaration conscientiously be signature of Declarer: Declared before me at This 2004 day of 0000 Commissioner of Oaths or Notary Public: (sign)	the end product do solemnly declare that the information controduct for which registration is sought. The dimensions, manification markings are in accordance with the herein named so regulated by a Quality Control Program which extends to early by TUV (ISO:9001:2008) as being suitable lieving it to be true, and knowing that it is of the same force and t	atalned in this form is true and to the best of sterials of construction, pressure standards. I further declare that the ach plant where fabrication obturs in whole for that purpose and make this sclemn and effect as it made under oath. HIS SPA E FI
responsibility for the quality of the yknowledge represents the plemperature ratings, and identify an identify and the series of these fittings is sor in part and has been verified declaration conscientiously be signature of Declarer: Declared before me at This2(off day of10 Commissioner of Oaths or Notary Public: (sign)	the end product do solemnly declare that the information controduct for which registration is sought. The dimensions, manification markings are in accordance with the herein named so regulated by a Quality Control Program which extends to early by TUV (ISO:9001:2008) as being suitable lieving it to be true, and knowing that it is of the same force and t	atalned in this form is true and to the best of sterials of construction, pressure standards. I further declare that the ach plant where fabrication obturs in whole for that purpose and make this sclemn and effect as it made under oath. HIS SPA E FI
responsibility for the quality of tmy knowledge represents the part temperature ratings, and identify manufacture of these fittings is or in part and has been verified declaration conscientiously be Signature of Declarer: Declared before me at This 20th day of Commissioner of Oaths or Notary Public: (sign)	the end product do solemnly declare that the information controduct for which registration is sought. The dimensions, manification markings are in accordance with the herein named so regulated by a Quality Control Program which extends to early by TUV (ISO:9001:2008) as being suitable lieving it to be true, and knowing that it is of the same force and t	atalned in this form is true and to the best of sterials of construction, pressure standards. I further declare that the ach plant where fabrication obturs in whole for that purpose and make this sclemn and effect as it made under oath. HIS SPA E FI

NEW BRUNSWICK

NOVA SCOTIA

PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME:	CONBRACO INDUSTRIES, INC.	
MANUFACTURERS ADDRESS:	1418 S. PEARL STREET, PAGELAND, SC 29728, USA	
- Dail - 200: 1110110.	SAME AS ABOVE	
	GS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
B Flanges: all flanges O Valves: all line valves D Expansion joints, flexible conne E Strainers, filters, separators, ar F Measuring devices, including p pressure transmitters	s, tees, elbows, Ys, plugs, unions, pipe caps, or reducers ections, and hose assemblies: all types nd steam traps ressure gauges, level gauges, sight glasses, levels, or are relief devices acceptable as primary over pressure protection on	- ASME B31.3
boilers, pressure vessels, pipir	ng and fusible plugs	
• .	s that do not fall into one of the above categories	
	Class 2 Class 3 C, (Meeting CNSC or ASME requirements)	TYPE OF CONSTRUCTION
SHOW MANUFACTURERS NAM	*Apollo Valves Manufactured by Conbraco Industries Inc.	FORGED WELDED WROUGHT CAST OTHER COMPANY DESCRIBE OTHER:
LIST OF SUPPORTING DOCUM	MENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE R	EGISTERED:
my knowledge represents the temperature ratings, and idea manufacture of these fittings or in part and has been verifi	(see note 3) employed by CONBRACO INDUSTRIES and of the end product do solemnly declare that the information contains product for which registration is sought. The dimensions, maternitification markings are in accordance with the herein named state is regulated by a Quality Control Program which extends to each ited by TUV (ISO:9001:2008) as being suitable for pelieving it to be true, and knowing that it is of the same force and	ined in this form is true and to the bestials of construction, pressure indards. I further declare that the in plant where fabrication occurs in what that purpose and I make this solemer
Signature of Declarer:	the del	# · · · · · · · · · · · · · · · · · · ·
Declared before me at H	ageland, South Caroling USETH January AD 2016 OF	FICIALDA PARIO
Commissioner of Oaths or Notary Public: (sign)	lancy Straun	CAROLINIA
Th	This space for Regulatory Authority use is registration must be revalidated after ten (10) years from the c	date of acceptance.
CRN: 0C10908.5	ADD10	
FID#: 2174		JENI OF TO

Notes:

1. All fittings shall be registered in the name of the Manufacturer.

2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.

3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.

4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.

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NOVA SCOTIA YUKON

PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

ANUFACTURERS NAME: CONBRACO INDUSTRIES, INC.	
ANUFACTURERS ADDRESS: 1418 S. PEARL STREET, PAGELAND. SC 29728, USA	
ANT LOCATIONS: SAME AS ABOVE	
CATEGORY OF FITTINGS TO BE REGISTERED, CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
Pipo fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or roducers Flanges: all flanges Valves: all fine valves	- ASME B31.3
Expansion joints, flexible connections, and hose assemblies: all types Strainers, filters, separators, and steam traps	
Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or	
pressure transmitters Certified capacity-rated pressure relief devices acceptable as primary over pressure protection o	
bollers, pressure yessels, piping and fusible plugs	
Pressure retaining components that do not fall into one of the above categories Nuclear components: Class 1 □ Class 2 □ Class 3 □, (Meeting CNSC or ASME requirements)	and a
TOW MANUFACTURERS NAME. TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRO	
"Apollo" Valves Manufactured by Combraco Industrias inc.	FORGED WELDED WROUGHT CAST OTHER DESCRIBE OTHER
JIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO	O BE PECISTERED
•	
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DAVID EDMONDS (see note 3) employed by CONBRACO INDUSTRIE esponsibility for the quality of the end product do solemnly declare that the information the product for which registration is sought. The dimensions the product for which registration is sought. The dimensions the product for which registration is sought. The dimensions the product for which registration is sought. The dimensions the product for which registration is sought. The dimensions the product for which registration is sought. The dimensions the dimensions the product for which registration is sought. The dimensions the dimension	n contained in this form is true and to the best, materials of construction, pressure ned standards. I further declare that the to each plant where fabrication occurs in what able for that purpose and timake this sciemt
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DAVID EDMONDS (see note 3) employed by CONBRACO INDUSTRIE responsibility for the quality of the end product do solemnly declare that the Information responsibility for the quality of the end product do solemnly declare that the Information responsibility for the quality of the end product do solemnly declare that the Information responsibility for the quality of the end product do solemnly declare that the Information responsibility for the quality of the end product do solemnly declare with the Information responsibility for the quality of the end product do solemnly declare with the Information responsibility for the quality of the Information responsibility for the quality of the Information responsibility for the quality of the Information responsibility for the quality of the Information responsibility for the quality of the Information responsibility for the quality for the Information responsibility for the quality for the Information responsibility for the quality for the Information responsibility for the quality for the Information responsibility for the Information responsibility for the quality for the Information responsibility for the Information responsible for the Information r	or contained in this form is true and to the best, materials of construction, pressure ned standards. I further declare that the to each plant where fabrication between in whable for that purpose and I make this scient ince and effect as it made under oath. THIS SPACE FOR THE AUTHORITY OF THE
DAVID EDMONDS (see note 3) employed by CONBRACO INDUSTRIE responsibility for the quality of the end product do solemnly declare that the Information responsibility for the quality of the end product do solemnly declare that the Information responsibility for the quality of the end product do solemnly declare that the Information responsibility for the quality of the end product do solemnly declare that the Information responsibility for the quality of the end product do solemnly declare with the Information responsibility for the quality of the end product do solemnly declare with the Information responsibility for the quality of the Information responsibility for the quality of the Information responsibility for the quality of the Information responsibility for the quality of the Information responsibility for the quality of the Information responsibility for the quality for the Information responsibility for the quality for the Information responsibility for the quality for the Information responsibility for the quality for the Information responsibility for the Information responsibility for the quality for the Information responsibility for the Information responsible for the Information r	or contained in this form is true and to the best, materials of construction, pressure ned standards. I further declare that the to each plant where fabrication between in whable for that purpose and I make this scient ince and effect as it made under oath. THIS SPACE FOR THE AUTHORITY OF THE
DAVID EDMONDS (assence a) employed by CONBRACO INDUSTRIEs asponsibility for the quality of the end product do solemnly declare that the Information by knowledge represents the product for which registration is sought. The dimensions amperature ratings, and identification markings are in accordance with the herein naminanufacture of these fittings is regulated by a Quality Control Program which extends for in part and has been verified by TUV (ISO:9001:2008) as being suit declaration conscientiously believing it to be true, and knowing that it is of the same for Signature of Declarer: Declared before me at Page and South Carolina U.S.E. This 7(a++	or contained in this form is true and to the best, materials of construction, pressure ned standards. I further declare that the to each plant where fabrication obtains in whable for that purpose and I make this solemn arce and effect as it made under oath. THIS SPA OFFICIAL OF THE AUTHORITY CAROLING. REGISTERED DER THE AUTHORITY CAROLING. NOT A A CAROLING. DER THE AUTHORITY CAROLING. NOT A CAROLING. DER THE AUTHORITY CAROLING. NOT A CAROLING. DER THE AUTHORITY CAROLING. NOT A CAROLING. NOT A CAROLING. NOT A CAROLING. DER THE AUTHORITY CAROLING. NOT A CAROLING.
esponsibility for the quality of the end product do solemnly declare that the Information by knowledge represents the product for which registration is sought. The dimensions emperature ratings, and identification markings are in accordance with the herein naminanufacture of these fittings is regulated by a Quality Control Program which extends for in part and has been verified by TUV (ISO:9001:2008) as being suit declaration conscientiously believing it to be true, and knowing that it is of the same for its program of Declarer: Declared before me at Page and South Carolina USE This 76th day of January AD 2016 Commissioner of Oaths AD 2016 Commissioner of Oaths This registration must be revalidated after ten (10) years from CRN: 0C10908.5 ADD10 FID#: 2174 UND Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and	or contained in this form is true and to the best, materials of construction, pressure ned standards. I further declare that the to each plant where fabrication between in whable for that purpose and I make this scient ince and effect as it made under oath. THIS SPACE FOR THE AUTHORITY OF THE

Sccl. 1.0 - Filtings Rev. 1 06/2003

at a maximum interval of five (5) years.

tl /6 #

NEW BRUNSWICK NUNAVUT

MANUFACTURERS NAME:

NOVA SCOTIA YUKON

CONBRACO INDUSTRIES, INC.

MANUFACTURERS ADDRESS: 1418 S. PEARL STREET, PAGELAND, SC 29728, USA

PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

PLANT LOCATIONS: SAME AS ABOVE	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ON	Y TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types	- ASME B31.3
E Strainers, filters, separators, and steam traps	
F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters	
G Certified capacity-rated pressure relief devices acceptable as primary over pressure protections	ction on
boilers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories	
N Nuclear components: Class 1 □ Class 2 □ Class 3 □, (Meeting CNSC or ASME requi	rements)
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON TH	
"Apollo" valves	FORGED WELDED WROUGHT CAST OTHER DESCRIBE OTHER:
Manufactured by Conbraco Industries Inc.	
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITE	MS TO BE REGISTERED:
- BALL VALVE SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS	
,	·
responsibility for the quality of the end product do solemnly declare that the inform my knowledge represents the product for which registration is sought. The dimer temperature ratings, and identification markings are in accordance with the herein manufacture of these fittings is regulated by a Quality Control Program which extra	isions, materials of construction, pressure n named standards. I further declare that the ends to each plant where fabrication of butters in whole g suitable for that purpose and hake this solemn
Signature of Declarer:	
2:11	SETHIS SPACE FOR
This Z(oth day of January AD 2016	OFFICIATIONATION
Commissioner of Oaths Vancy Straw	CAROLILIA
or Notary Public: (sign) Y W CU SUCUM	AH IN IN INT
This space for Regulatory Author	NUNAVUI
This registration must be revalidated after ten (10) yea	rs on the late of acceptance Boilers and
CRN: 0C10908.5 ADD10	Nuñavut Pressure Vessels Act
FID#:	REGISTERED
	CRN DC 10908.5N Add 10
Notes: 1. All fittings shall be registered in the name of the Manufacturer.	Date A116, 5, 2016
2. Each category shall be supported with two Statutory Declaration	
forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and	Signed
responsibility for the quality of the end product.	Chilef Inspector
4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.	Territorial Registration Fee

CONBRACO INDUSTRIES INC.

701 MATTHEWS-MINT HILL ROAD MATTHEWS, NC USA, 28105

Page 1 of 3

16-Jun-16

FLOATING TYPE BALL VALVES - SCOPE OF CRN REGISTRATION

			FLOATING TYPE B.	ALL VALVES -	SCOPE OF					
Valve	Valve	Material	Material	Design	Size	End	CRN MAWP	CRN MAWP	MDMT	Design
Series	Models	Description	Specification	Code	Range	Connections	at 100F	at 406F		Report #
		•	·				(Note 1)	(Note 1)		_
70-100	70-100						, ,			
	70-140									
	70-190									
70-100-BC	70-100-BC	1								
70-200	70-200									
	70-240									
70-300	70-300	1								
	70-340									
70-400	70-400	1								
	70-440									
70-800	70-800	1								
70B-140	70B-140	1								
	70B-150									
	70B-190									
71-100	71-100	1								
	71-120		ASTM B584-C84400							
	71-140	Bronze and	ASTM B283-C37700	ASME B31.3	4/4" (1	NDT OULL	000	405	005	D 0005 4
	71-150	Brass	ASTM B62-C83600	MSS SP-110	1/4" thru 3"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-1
	71-190		ASTM B16-C36000							
71-500	71-500	1	7.02.0 00000							
	71-540									
	71-590									
75-100	75-100	1								
77-100	77-100	1								
	77-140									
	77-150									
	77-190									
77-200	77-200	1								
	77-240									
	77-250									
7K-100	7K-100	1								
	7K-150									
	7K-190									
80-100	80-100	1								

		FLO	ATING TYPE BALL VA	ALVES - SCOP	E OF CRN R	EGISTRATION	CONTINUED	-		
Valve Series	Valve Models	Material Description	Material Specification	Design Code	Size Range	End Connections	CRN MAWP at 100F (Note 1)	CRN MAWP at 406F (Note 1)	MDMT	Design Report #
70LF-200 70LF-300	70LF-100 70LF-140 70LF-200 70LF-240 70LF-300	Lead Free Bronze and	ASTM B584-C89836 ASTM B927-C27451	ASME B31.3, MSS SP-110	1/4" thru 3"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-2
70LF-400	70LF-340 70LF-400 70LF-440	Brass								
77C	77C-100 77C-140 77C-100-UL 77C-200 77C-240 77C-200-UL 77C-800	Bronze and Brass	ASTM B584-C84400 ASTM B283-C37700 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-3
77CLF	77CLF-100 77CLF-140 77CLF-200 77CLF-240	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000	ASME B31.3, MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-4
82	82-100 82-140 82-200 82-400	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 4"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-5
82-LF	82LF-100 82LF-140 82LF-200 82LF-240	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000	ASME B31.3, MSS SP-110	1/4" thru 4"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-6
95	95A 95-100 95-200	Bronze and Brass	ASTM B584-C84400 ASTM B283-C37700 ASTM B62-C83600 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/2" thru 1"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-7
95	95ALF	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000	ASME B31.3, MSS SP-110	1/2" thru 1"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-8
71-AR	71-AR	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	3/4" thru 3"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-9

		FLO	ATING TYPE BALL VA	ALVES - SCOP	E OF CRN R	EGISTRATION	CONTINUED			
Valve Series	Valve Models	Material Description	Material Specification	Design Code	Size Range	End Connections	CRN MAWP at 100F (Note 1)	CRN MAWP at 406F (Note 1)	MDMT	Design Report #
77-AR	77-AR	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-10
32-100 32-200	32-100 32-200	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-11
50GB	50GB GB50 GB50-A	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/2" thru 2"	NPT, Solder	250 psig	250 psig	- 20F	R-0605-12
70-600 70-900	70-600 70-640 70-900	Bronze and Brass	ASTM B584-C84400 ASTM B283-C37700 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-13
7B	7B-100 7B-300 7B-800	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-14
79	79 79-700	Brass	ASTM B283-C37700 ASTM B16-C36000 ASTM B75-C12200	ASME B31.3 ASME B31.5 MSS SP-110	3/8" thru 3-1/8"	Tube	500 psig	N/A	ASME B31.5 Grp. 2	R-0605-15

Note 1: The pressure-temperature ratings shown are the maximum CRN pressure-temperature ratings. In all cases the MAWP may be limited by the seat or seal material or other considerations. Please consult Conbraco / Apollo valve literature. Note 2: See attached list of manufacturing locations applicable to this CRN.

CERTIFICATE



TUV Rheinland of North America, Inc.

1300 Massachusetts Avenue, Suite 103, Boxborough, MA 01719

Hereby certifies that



Conbraco Industries, Inc.



701 Matthews-Mint Hill Road Matthews, NC 28105

has established and maintains a quality management system for the

Design and Manufacture of Flow and Pressure Relief Valves for Residential, Industrial and Medical Applications Under the Apollo Trademark; The Provision of Contract Calibration Services

An audit was performed and documented in Report No 2418. Proof has been furnished that the requirements according to

ISO 9001:2008

are fulfilled.

Further clarification regarding the scope of this certificate and the applicability of ISO 9001:2008 requirements may be obtained by contacting TRNA.

Certificate Registration No.

74 300 2418

Certificate Issue Date

December 01, 2015

Certificate Expiration Date **September 14, 2018**



Revised 11/30/2015 Certification Decision 11/30/2015

APPENDIX



TUV Rheinland of North America, Inc.

1300 Massachusetts Avenue, Suite 103, Boxborough, MA 01719

This appendix lists the sites certified under Certificate Number

74 300 2418, valid until September 14, 2018

For



Conbraco Industries, Inc.



SITE ADDRESS	ACTIVITIES RELATING TO:
701 Matthews-Mint Hill Road	Corporate HQ; Sales and Customer
Matthews, NC 28105	Service
1418 S. Pearl Street	Design, Manufacturing, Calibration &
Pageland, SC 29728	Distribution and Customer Service
1509 South Van Lingle Mungo Blvd Pageland, SC 29728	Foundry & Machining Operations
125 Highway 501 East Conway, SC 29526	Foundry & Manufacturing Operations

This appendix is only valid in conjunction with the referenced certificate.

ARAB ACCREDITED ISONECTOZII MANAGEMENT SYSTEMS Certification of Management Systems

Revised 11/30/2015



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

September09, 2016

SCOTT ISLIP ROUND ENGINEERING INC 10 SEGWUN RD WATERDOWN ON LOR 2H8 CA

Service Request Type.: BPV-National ACI Central

Service Request No.: 1910998 Your Reference No.: CONBRACO

Registered to.: CONBRACO INDUSTRIES

Dear SCOTT ISLIP,

Please find enclosed the original response from PEI, NS, NB, NFLD, YK, NWT, NU registered under the CRN No.: 0C10908.59870YTNADD10.

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,

Joanna Karpinski

Tel.: 416-734-3377 Fax: 416-231-6183

Email: jkarpinski@tssa.org

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISL NORTHWEST TERRIT		WFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	CONBRACO INDUS	TRIES. INC.		
MANUFACTURERS ADDRESS	1418 S. PEARL STR	EET, PAGELAND, SC 29728. U	SA	
PLANT LOCATIONS:	SAME AS ABOVE			
CATEGORY OF FITT	NGS TO BE REGISTE	RED, CIRCLE ONE CATEGOR	YONLY	TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe filtings, including coupling Flanges; all flanges C Valves; all flanges D Expension joints, flexible context Strainers, filters, separators, fleasuring devices, including pressure transmitters	inections, and hose ass and steam traps			- ASME B31.3
G Certified capacity-rated pres bollers, pressure vessels, pi H Pressure retaining compone	ping and fusible plugs	eptable as primary over prossure	protection on	
1		S 3 □, (Meeting CNSC or ASME	requirements)	
SHOW MANUFACTURERS NA				TYPE OF CONSTRUCTION
	'Apo	Valves	3	FORGED WELDED O WROUGHT O CAST OTHER O DESCRIBE OTHER:
LIST OF SUPPORTING DOC	UMENTATION AND ID	ENTIFICATION OF THE ACTUA	LITEMS TO BE RE	GISTERED:
my knowledge represents to temperature ratings, and id manufacture of these fitting or in part and has been verification conscientiously. Signature of Declarer: Declared before me at	of the end product of the product for which entification markings as is regulated by a fified by TUV (inployed by CONBRACO INItion of the interest of the control program which is a conducted with the interest of the control program which is a conducted in the control program which is a conducted in the conducte	information containdimensions, material merein named stan the extends to each being suitable for the same force and the extends of the same force and the extends of the ex	dards. I further declare that the plant where fabrication distrury in whole that purpose and I make this solemn effect as it made under oath.
	-	This space for Regulatory A		
. 7	his registration mus	t be revalidated after ten (10)	years from the da	ale of acceptance.
CRN: -0C10908.5	S ADD10		PROVINCE OF P	CCEPTED RINCE EDWARD ISLAND LAND & ENVIRONMENT
Notes: 1. All fittings shall be regis 2. Each category shall be forms and one copy of sup 3. The declaration shall be responsibility for the qualit 4. Quality control program at a maximum interval of f	supported with two. Sta porting documentation a made by the person if y of the end product, as shall be resubmited	etutory Declaration L having full authority and	DATE: INSPECTION BOILER/PRESS	SERVICES SECTION SURE VESSEL, BILANCH Sect. 1.0 - Fittings Rev. 1 06/2001

08-05-2016

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWIC
NU INTAVALIT

NOVA SCOTIA

PRINCE FOWARD ISLAND

NEWFOUNDLAND AND LABRADOR

8/18

TUVANU	YUKON	NORTHWEST TERRITORIES	
MANUFACTURERS NAME:	CONBRACO INDUSTRIES	S. INC.	
MANUFACTURERS ADDRESS:	1418 S. PEARL STREET.	PAGELAND, SC 29728, USA	
PLANT LOCATIONS:	SAME AS ABOVE		
CATEGORY OF FITT	NGS TO BE REGISTERED,	CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including coupling B Flanges: all flanges C Valves: all line valves D Expansion Joints, flexible cond E Strainers, filters, separators, if Measuring devices, including	nections, and hose assemblionand steam traps	es: all types	- ASME 831.3
pressure transmitters G Certified capacity-rated press bollers, pressure vessels, pip H Pressure retaining componen	sure relief devices acceptable ping and fusible plugs nts that do not fall into one of	a as primary over pressure protection on the above categories	
		(Meeting CNSC or ASME requirements) 30 AS IT WILL APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION
	*Apoll	O Valves ctured by Conbrace Industries Inc.	FORGED WELDED WROUGHT DESCRIBE OTHER:
- BALL VALVE SCOPE OF C		FICATION OF THE ACTUAL ITEMS TO BE R	EGISTEREU:
my knowledge represents to temperature ratings, and id manufacture of these fitting	of the end product do so he product for which regla entification markings are as is regulated by a Qualit	red by CONBRACO INDUSTRIES and olemnly declare that the information conta stration is sought. The dimensions, mate in accordance with the herein named staty Control Program which extends to each 19001:2008) as being suitable for the control of t	ined in this form is true and to the bes rials of construction, pressure indards. I further declare that the h plant where fabrication obtains in wh

declaration conscientiously believ Signature of Declarer: Declared before me at day of _ Commissioner of Oaths

This space for Regulatory Authority use This registration must be revalidated after ten (10) years

CRN: 0C10908.5 ADD10

2174 FID#:

or Notary Public: (sign)

- 1. All fittings shall be registered in the name of the Manufacturer.
- 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.
- 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.
- 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.

of acceptance.

Sect. 1.0 - Fittings Rev. 1 06/2003

NEW BRUNSWICK	
ALL INTALAL IT	

NOVA SCOTIA

PRINCE EDWARD ISLAND

UNAVUT	YUKON NORTHWEST TERRITORIES	
MANUFACTURERS NAME:	CONBRACO INDUSTRIES, INC.	
MANUFACTURERS ADDRESS:	1418 S. PEARL STREET, PAGELAND, SC 29728, USA	
LANT LOCATIONS:	SAME AS ABOVE	
	NGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
Flanges: all flanges Valves: all line valves	gs, tees, elbows, Ys, plugs, unions, pipe caps, or reducers	- ASME B31.3
Measuring devices, including pressure transmitters Certified capacity-rated press	pressure gauges, level gauges, sight glasses, levels, or sure relief devices acceptable as primary over pressure protection on	
boilers, pressure vessels, pip 1 Pressure retaining componer	ing and fusible plugs its that do not fall into one of the above categories	
N Nuclear components: Class	1 ☐ Class 2 ☐ Class 3 ☐, (Meeting CNSC or ASME requirements)	
HOW MANUFACTURERS NAI	*Apollos Valves Manufactured by Conbraco Industries Inc.	TYPE OF CONSTRUCTION FORGED WELDED WROUGHT DESCRIBE OTHER:
LIST OF SUPPORTING DOCU	MENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE R	EGISTERED:
- BALL VALVE SCOPE OF C	RN, DRAWINGS, CALCULATIONS, REPORTS	
ny knowledge represents the emperature ratings, and ide manufacture of these fittings or in part and has been verifueclaration conscientiously Signature of Declarer:	believing it to be true, and knowing that it is of the same force and ageland, South Caroling USETHI	ned in this form is true and to the best ials of construction, pressure dards. I further declare that the plant where fabrication occurs in who that purpose and make this solemn effect as if made under oath.
Commissioner of Oaths	January AD 2016 OF	A CAROLINE.
(D. ad.	HSWICK
Th	This space for Regulatory Authority us	DE OF USUAL DESCRIPTION OF THE PROPERTY
	BOILER &	PRESSURE VESSEL ACT
CRN: 0C10908.5		HETDATION ON V
FID#: 2174	CAN C	DKID908,57Add10
Notes:		1 kg land
All fittings shall be registed. Each category shall be storms and one copy of supports.	ered in the name of the Manufacturer. upported with two Statutory Declaration porting documentation.	for BOILER INSPECTOR
responsibility for the quality		15/2016
Quality control programs at a maximum interval of five	shall be resubmitted for validation	Sect. 1.0 Eittings Rev. 1 06
I WE WITH MANUFACTURE OF THE	- \-, <u>,</u> - .	ELAS I FVS

NEW BRUNSWICK NUNAVUT NOVA SCOTIA YUKON PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

WHO NO TOTAL TOTAL		
	ONBRACO INDUSTRIES, INC.	
ANUFACTURERS ADDRESS: 14	18 S. PEARL STREET, PAGELAND, SC 29728, USA	
LANT LOCATIONS: SA	AME AS ABOVE	
CATEGORY OF FITTINGS	TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
Flanges: all flanges Valves: all line valves Expansion joints, flexible connecti Strainers, filters, separators, and s	lees, elbows, Ys, plugs, unions, pipe caps, or reducers lons, and hose assemblies: all types steam traps ssure gauges, level gauges, sight glasses, levels, or	- ASME 831.3
bollers, pressure vessels, piping		
• •	hat do not fall into one of the above categories	
	Class 2 Class 3 C, (Meeting CNSC or ASME requirements)	
HOW MANUFACTURERS NAME.	TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODE # Apollo" Valves Manufactured by Conbraco Industries Inc.	FORGED WELDED WROUGHT
LIST OF SUPPORTING DOCUME	NTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO B	E REGISTERED:
·		
DAVID EDMONDS responsibility for the quality of the my knowledge represents the part temperature ratings, and identify manufacture of these fittings is or in part and has been verified declaration conscientiously believed. Signature of Declarer:	lieving it to be true, and knowing that it is of the same force	ontained in this form is true and to the best of naterials of construction, pressure standards. I further declare that the each plant where fabrication of this in whole to that purpose and I make this sclemn
responsibility for the quality of the my knowledge represents the part temperature ratings, and identify manufacture of these fittings is or in part and has been verified declaration conscientiously believed to be be be before me at the second of the part and has been verified declaration conscientiously believed to be before me at the second of the part and the part	the end product do solemnly declare that the information of product for which registration is sought. The dimensions, makings are in accordance with the herein named regulated by a Quality Control Program which extends to be a by TUV (ISO:9001:2008) as being suitable lieving it to be true, and knowing that it is of the same force a solemn south of the same force and solemn south solemn solem	entained in this form is true and to the best of naterials of construction, pressure standards. I further declare that the each plant where fabrication of the purpose and I make this solemne and effect as if made under oath.
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NEW BRUNSWICK

NOVA SCOTIA

PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME:	CONBRACO INDUSTRIES, INC.	
MANUFACTURERS ADDRESS:	1418 S. PEARL STREET, PAGELAND, SC 29728, USA	
PLANT LOCATIONS:	SAME AS ABOVE	
	GS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible conne E Strainers, filters, separators, ar F Measuring devices, including p pressure transmitters	ections, and hose assemblies: all types nd steam traps pressure gauges, level gauges, sight glasses, levels, or are relief devices acceptable as primary over pressure protection on	- ASME B31.3
boilers, pressure vessels, pipi		
• •	s that do not fall into one of the above categories	
	☐ Class 2 ☐ Class 3 ☐, (Meeting CNSC or ASME requirements)	
SHOW MANUFACTURERS NAM	*Apollo Valves Manufactured by Conbraco Industries Inc.	FORGED WELDED WROUGHT DESCRIBE OTHER:
LIST OF SUPPORTING DOCUM	MENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE R	EGISTERED:
my knowledge represents the temperature ratings, and ide manufacture of these fittings or in part and has been verif	(390 note 3) employed by CONBRACO INDUSTRIES and of the end product do solemnly declare that the information contains the product for which registration is sought. The dimensions, mate ntification markings are in accordance with the herein named state is regulated by a Quality Control Program which extends to each fied by TUV (ISO:9001:2008) as being suitable for believing it to be true, and knowing that it is of the same force and	ined in this form is true and to the best rials of construction, pressure ndards. I further declare that the n plant where fabrication occurs in wh r that purpose and I make this soleme
Signature of Declarer:	ALLE II C. II C. II	HOLAR
Declared before me at H	ageland, South Caroling USETH January AD 2016 OF	FICIANOS PARIS
Commissioner of Oaths or Notary Public: (sign)	lancy Strawn	CAROUNIA
Th	This space for Regulatory Authority use ais registration must be revalidated after ten (10) years from the c	date of acceptance.
CRN: 0C10908.5	ADD10	
FID#: 2174		MENT OF THE

Notes:

1. All fittings shall be registered in the name of the Manufacturer.

2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.

3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.

4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.

NEW BRUNSWICK NUNAVUT

NOVA SCOTIA YUKON

PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

ANUFACTURERS NAME: CONBRACO INDUSTRIES, INC.	
ANUFACTURERS ADDRESS: 1418 S. PEARL STREET, PAGELAND. SC 29728, USA	
ANT LOCATIONS: SAME AS ABOVE	
CATEGORY OF FITTINGS TO BE REGISTERED, CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
Pipo fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or roducers Flanges: all flanges Valves: all flanges	- ASME B31.3
Expansion joints, flexible connections, and hose assemblies: all types Strainors, filters, separators, and steam traps	
Measuring devices, including pressure gauges, lovel gauges, sight glasses, levels, or	
pressure transmitters Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on	
bollers, pressure yessels, piping and fusible plugs	` \
Pressure retaining components that do not fall into one of the above categories Nuclear components: Class 1 □ Class 2 □ Class 3 □, (Meeting CNSC or ASME requirements)	a \
TOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRO	
"Apollo" Valves Manufactured by Combraco Industries Inc.	FORGED WELDED WROUGHT DESCRIBE OTHER
IST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO	BE BEGISTERED
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at a maximum interval of five (5) years.

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NEW BRUNSWICK NUNAVUT

MANUFACTURERS NAME:

NOVA SCOTIA YUKON

CONBRACO INDUSTRIES, INC.

MANUFACTURERS ADDRESS: 1418 S. PEARL STREET, PAGELAND, SC 29728, USA

PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY OF	NLY TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves	- ASME B31.3
D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps	
F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters	
G Certified capacity-rated pressure relief devices acceptable as primary over pressure prote boilers, pressure vessels, piping and fusible plugs	ection on
H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 □ Class 2 □ Class 3 □, (Meeting CNSC or ASME requ	uiromento)
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON T	
"Andlo" values	FORGED WELDED WROUGHT CAST OTHER DESCRIBE OTHER:
Manufactured by Conbraco Industries Inc.	
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL IT	TEMS TO BE REGISTERED:
DALL VALVE SCORE OF CON DRAWINGS CALCULATIONS DEPORTS	
- BALL VALVE SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS	
my knowledge represents the product for which registration is sought. The dime temperature ratings, and identification markings are in accordance with the here manufacture of these fittings is regulated by a Quality Control Program which ex or in part and has been verified byTUV (ISO:9001:2008) as bei declaration conscientiously believing it to be true, and knowing that it is of the s	ein named standards. I further declare that the dends to each plant where fabrication occurs in whole ing suitable for that purpose बेंगुई । साबेंस्ड this solemn
Signature of Declarer:	HOTAN
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21.4	JSETHIS SPACE FOR
This /(oth day of 1/0 nugry AD 2016	OFFICIAL PORT
1110	OFFICIA DO TO THE TO THE OFFICIAL PROPERTY OF THE OFFICE AND THE O
Commissioner of Oaths or Notary Public: (sign) Yancy Strawn	OFFICIATION CAROLINA
Commissioner of Oaths or Notary Public: (sign) This space for Regulatory Author	OFFICIATION PUBLIC OF CAROLINA
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Commissioner of Oaths or Notary Public: (sign) This space for Regulatory Author This registration must be revalidated after ten (10) ye CRN: 0C10908.5 ADD10	NUNAVUT ars roman ate of acceptance Boilers and Nunavut Pressure Vessels Act REGISTERED
Commissioner of Oaths or Notary Public: (sign) Yancu Straw This space for Regulatory Author This registration must be revalidated after ten (10) ye CRN: 0C10908.5 ADD10 FID#: 2174 Notes:	NUNAVUT ars opposite ate of acceptance Boilers and Nunavut Pressure Vessels Act REGISTERED CRN 00008.5N Add 10
Commissioner of Oaths or Notary Public: (sign) Man Cu Straw This space for Regulatory Author This registration must be revalidated after ten (10) ye CRN: 0C10908.5 ADD10 FID#: 2174 Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration	NUNAVUT ars roman ate of acceptance Boilers and Nunavut Pressure Vessels Act REGISTERED CRN 10908.5N Add 10 Date 4165 2016
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Commissioner of Oaths or Notary Public: (sign) Man Cu Strown This space for Regulatory Author This registration must be revalidated after ten (10) ye CRN: 0C10908.5 ADD10 FID#: 2174 Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.	NUNAVUT ars roman ate of acceptance Boilers and Nunavut Pressure Vessels Act REGISTERED CRN DC 10908-5N Add 10 Date AUG 5 2016
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Commissioner of Oaths or Notary Public: (sign) Man Cu Straw This space for Regulatory Author This registration must be revalidated after ten (10) ye CRN: OC10908.5 ADD10 FID#: 2174 Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.	NUNAVUT ars opportunities and Nunavut Pressure Vessels Act REGISTERED CRN 00008.5N Add 100 Date A114.5 2016. Signed

CONBRACO INDUSTRIES INC.

701 MATTHEWS-MINT HILL ROAD MATTHEWS, NC USA, 28105

Page 1 of 3

16-Jun-16

FLOATING TYPE BALL VALVES - SCOPE OF CRN REGISTRATION

			FLOATING TYPE B.	ALL VALVES -	SCOPE OF					
Valve	Valve	Material	Material	Design	Size	End	CRN MAWP	CRN MAWP	MDMT	Design
Series	Models	Description	Specification	Code	Range	Connections	at 100F	at 406F		Report #
		•	·				(Note 1)	(Note 1)		_
70-100	70-100						, ,			
	70-140									
	70-190									
70-100-BC	70-100-BC	1								
70-200	70-200									
	70-240									
70-300	70-300	1								
	70-340									
70-400	70-400	1								
	70-440									
70-800	70-800	1								
70B-140	70B-140	1								
	70B-150									
	70B-190									
71-100	71-100	1								
	71-120		ASTM B584-C84400							
	71-140	Bronze and	ASTM B283-C37700	ASME B31.3	4/4" (1	NDT OULL	000	405	005	D 0005 4
	71-150	Brass	ASTM B62-C83600	MSS SP-110	1/4" thru 3"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-1
	71-190		ASTM B16-C36000							
71-500	71-500	1	7.02.0 00000							
	71-540									
	71-590									
75-100	75-100	1								
77-100	77-100	1								
	77-140									
	77-150									
	77-190									
77-200	77-200	1								
	77-240									
	77-250									
7K-100	7K-100	1								
	7K-150									
	7K-190									
80-100	80-100	1								

		FLO	ATING TYPE BALL VA	ALVES - SCOP	E OF CRN R	EGISTRATION	CONTINUED	-		
Valve Series	Valve Models	Material Description	Material Specification	Design Code	Size Range	End Connections	CRN MAWP at 100F (Note 1)	CRN MAWP at 406F (Note 1)	MDMT	Design Report #
70LF-200 70LF-300	70LF-100 70LF-140 70LF-200 70LF-240 70LF-300	Lead Free Bronze and	ASTM B584-C89836 ASTM B927-C27451	ASME B31.3, MSS SP-110	1/4" thru 3"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-2
70LF-400	70LF-340 70LF-400 70LF-440	Brass								
77C	77C-100 77C-140 77C-100-UL 77C-200 77C-240 77C-200-UL 77C-800	Bronze and Brass	ASTM B584-C84400 ASTM B283-C37700 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-3
77CLF	77CLF-100 77CLF-140 77CLF-200 77CLF-240	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000	ASME B31.3, MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-4
82	82-100 82-140 82-200 82-400	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 4"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-5
82-LF	82LF-100 82LF-140 82LF-200 82LF-240	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000	ASME B31.3, MSS SP-110	1/4" thru 4"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-6
95	95A 95-100 95-200	Bronze and Brass	ASTM B584-C84400 ASTM B283-C37700 ASTM B62-C83600 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/2" thru 1"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-7
95	95ALF	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000	ASME B31.3, MSS SP-110	1/2" thru 1"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-8
71-AR	71-AR	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	3/4" thru 3"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-9

		FLO	ATING TYPE BALL VA	ALVES - SCOP	E OF CRN R	EGISTRATION	CONTINUED			
Valve Series	Valve Models	Material Description	Material Specification	Design Code	Size Range	End Connections	CRN MAWP at 100F (Note 1)	CRN MAWP at 406F (Note 1)	MDMT	Design Report #
77-AR	77-AR	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-10
32-100 32-200	32-100 32-200	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-11
50GB	50GB GB50 GB50-A	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/2" thru 2"	NPT, Solder	250 psig	250 psig	- 20F	R-0605-12
70-600 70-900	70-600 70-640 70-900	Bronze and Brass	ASTM B584-C84400 ASTM B283-C37700 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-13
7B	7B-100 7B-300 7B-800	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-14
79	79 79-700	Brass	ASTM B283-C37700 ASTM B16-C36000 ASTM B75-C12200	ASME B31.3 ASME B31.5 MSS SP-110	3/8" thru 3-1/8"	Tube	500 psig	N/A	ASME B31.5 Grp. 2	R-0605-15

Note 1: The pressure-temperature ratings shown are the maximum CRN pressure-temperature ratings. In all cases the MAWP may be limited by the seat or seal material or other considerations. Please consult Conbraco / Apollo valve literature. Note 2: See attached list of manufacturing locations applicable to this CRN.

CERTIFICATE



TUV Rheinland of North America, Inc.

1300 Massachusetts Avenue, Suite 103, Boxborough, MA 01719

Hereby certifies that



Conbraco Industries, Inc.



701 Matthews-Mint Hill Road Matthews, NC 28105

has established and maintains a quality management system for the

Design and Manufacture of Flow and Pressure Relief Valves for Residential, Industrial and Medical Applications Under the Apollo Trademark; The Provision of Contract Calibration Services

An audit was performed and documented in Report No 2418. Proof has been furnished that the requirements according to

ISO 9001:2008

are fulfilled.

Further clarification regarding the scope of this certificate and the applicability of ISO 9001:2008 requirements may be obtained by contacting TRNA.

Certificate Registration No.

74 300 2418

Certificate Issue Date

December 01, 2015

Certificate Expiration Date **September 14, 2018**



Revised 11/30/2015 Certification Decision 11/30/2015 Certification of Management Systems

APPENDIX



TUV Rheinland of North America, Inc.

1300 Massachusetts Avenue, Suite 103, Boxborough, MA 01719

This appendix lists the sites certified under Certificate Number

74 300 2418, valid until September 14, 2018

For



Conbraco Industries, Inc.



SITE ADDRESS	ACTIVITIES RELATING TO:
701 Matthews-Mint Hill Road	Corporate HQ; Sales and Customer
Matthews, NC 28105	Service
1418 S. Pearl Street	Design, Manufacturing, Calibration &
Pageland, SC 29728	Distribution and Customer Service
1509 South Van Lingle Mungo Blvd Pageland, SC 29728	Foundry & Machining Operations
125 Highway 501 East Conway, SC 29526	Foundry & Manufacturing Operations

This appendix is only valid in conjunction with the referenced certificate.

ARAB ACCREDITED ISORETYOZI Certification of Management Systems



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

September09, 2016

SCOTT ISLIP ROUND ENGINEERING INC 10 SEGWUN RD WATERDOWN ON LOR 2H8 CA

Service Request Type.: BPV-National ACI Central

Service Request No.: 1910998 Your Reference No.: CONBRACO

Registered to.: CONBRACO INDUSTRIES

Dear SCOTT ISLIP,

Please find enclosed the original response from PEI, NS, NB, NFLD, YK, NWT, NU registered under the CRN No.: 0C10908.59870YTNADD10.

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,

Joanna Karpinski

Tel.: 416-734-3377 Fax: 416-231-6183

Email: jkarpinski@tssa.org

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLI NORTHWEST TERRIT		WFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	CONBRACO INDUS	TRIES. INC.		
MANUFACTURERS ADDRESS	1418 S. PEARL STR	REET, PAGELAND, SC 29728. U	SA	
PLANT LOCATIONS:	SAME AS ABOVE			
CATEGORY OF FITT	NGS TO BE REGISTE	RED, CIRCLE ONE CATEGOR	YONLY	TITLE OF THE STANDARD OF CONSTRUCTION
B Flanges: all flanges C Valves: all flan valves D Expension joints, flexible cor E Strainers, filters, separators,	inections, and hose ass and steam traps	olugs, unions, pipe caps, or reduc semblies: all types Il gauges, sight glasses, levels, or		- ASME B31.3
G Certified capacity-rated pres boilers, pressure vessels, pi H Pressure retaining compone	ping and fusible plugs	eptable as primary over prossure	protection on	
•		s 3 □, (Meeting CNSC or ASME	requirements)	
SHOW MANUFACTURERS NA				TYPE OF CONSTRUCTION
	'Apo	Valves	,	FORGED WELDED O WROUGHT D CAST OTHER D DESCRIBE OTHER:
LIST OF SUPPORTING DOC	UMENTATION AND ID	ENTIFICATION OF THE ACTUA	LITEMS TO BE RE	GISTERED:
my knowledge represents temperature ratings, and id manufacture of these fitting or in part and has been ver declaration conscientiously Signature of Declarer: Declared before me at	of the end product of the product for which entification markings is regulated by a fified by TUV (inployed by CONBRACO INItion of the control of the	nformation contain timensions, materinersions, materinersin named stanth extends to each being suitable for se same force and USETHI	dards. I further declare that the plant where fabrication of the propose and I make this solemn effect as it made under oath.
	-	This space for Regulatory A		
. Т	his registration mus	t be revalidated after ten (10)	years from the da	ale of acceptance.
CRN: - 0C10908.5	5 ADD10		PROVINCE OF P	CCEPTED RINCE EDWARD ISLAND LAND & ENVIRONMENT
Notes: 1. All fittings shall be regis 2. Each category shall be forms and one copy of sup 3. The declaration shall be responsibility for the quality control program at a maximum interval of \$1.	supported with two.Stapporting documentation a made by the person! y of the end product. as shall be resubmited	atutory Declaration L having full authority and	DATE: INSPECTION BOILER/PRESS	SERVICES SECTION SURE VESSEL, BILANCH Sect. 1.0 - Fittings Rev. 1 06/2003

8/18

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWIC
AU INIANA IT

NOVA SCOTIA

PRINCE EDWARD ISLAND

NEWFOUNDLAND AND LABRADOR

TUVANL	YUKON	NORTHWEST TERRITORIES	
MANUFACTURERS NAME:	CONBRACO INDUSTRIES.	INC.	
MANUFACTURERS ADDRESS:	1418 S. PEARL STREET, P	PAGELAND, SC 29728, USA	
PLANT LOCATIONS:	SAME AS ABOVE		
CATEGORY OF FITTIN	IGS TO BE REGISTERED,	CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including coupling B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible conn E Strainers, filters, separators, a F Measuring devices, including pressure transmitters C Certified capacity-rated pressibollers, pressure vessels, pip H Pressure retaining componen	ections, and hose assemblie nd steam traps pressure gauges, level gauge ure relief devices acceptable ing and fusible plugs	s: all types es, sight glasses, levels, or as primary over pressure protection on	- ASME B31.3
N Nuclear components: Class	1 🗆 Class 2 🗆 Class 3 🗀,	(Meeting CNSC or ASME requirements)	
SHOW MANUFACTURERS NAM	"Apoll	O AS IT WILL APPEAR ON THE PRODUCT Valves Ured by Conbraca Industries Inc.	TYPE OF CONSTRUCTION FORGED WELDED WARDUGHT D CAST OTHER D DESCRIBE OTHER:
LIST OF SUPPORTING DOCU	MENTATION AND IDENTIF	ICATION OF THE ACTUAL ITEMS TO BE R	EGISTERED:
- BALL VALVE SCOPE OF C			
my knowledge represents the temperature ratings, and ide manufacture of these fittings or in part and has been veri	of the end product do solve product for which registentification markings are is is regulated by a Quality fied by TUV (ISO: believing it to be true, an ageland South (ISO: S	ed by CONBRACO INDUSTRIES and emnly declare that the information contact at a cordance with the herein named start (Control Program which extends to each good: 2008) as being suitable for declared the same force and cordinal USETH 2016	ined in this form is true and to the beserials of construction, pressure indards. I further declare that the hiplant where fabrication obtains in whor that purpose and I make this solemn deffect as if made under oath.

This space for Regulatory Authority use

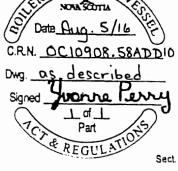
This registration must be revalidated after ten (10) years of acceptance.

CRN: 0C10908.5 ADD10

Commissioner of Oaths Mancy Strawn

2174 FID#:

- 1. All fittings shall be registered in the name of the Manufacturer.
- 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.
- 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.
- 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.



Sect. 1.0 - Fittings Rev. 1 06/2003

NEW BRUNSWICK

NOVA SCOTIA

PRINCE EDWARD ISLAND

UNAVUI	TOKON NORTHWEST TERRITORIES	
MANUFACTURERS NAME:	CONBRACO INDUSTRIES, INC.	
MANUFACTURERS ADDRESS:	1418 S. PEARL STREET, PAGELAND, SC 29728, USA	
PLANT LOCATIONS:	SAME AS ABOVE	
CATEGORY OF FITTI	NGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible cont	gs, tees, elbows, Ys, plugs, unions, pipe caps, or reducers nections, and hose assemblies: all types	- ASME B31.3
E Strainers, filters, separators, a	and steam traps pressure gauges, level gauges, sight glasses, levels, or	
pressure transmitters G Certified capacity-rated press boilers, pressure vessels, pip	ure relief devices acceptable as primary over pressure protection on	
N Nuclear components: Class	1 ☐ Class 2 ☐ Class 3 ☐, (Meeting CNSC or ASME requirements)	
SHOW MANUFACTURERS NAI	ME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUC	TYPE OF CONSTRUCTION
	*Apollo® Valves Manufactured by Conbraco Industries Inc.	FORGED WELDED WROUGHT CAST OTHER DESCRIBE OTHER:
LIST OF SUPPORTING DOCU	MENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE	REGISTERED:
- BALL VALVE SCOPE OF C	RN, DRAWINGS, CALCULATIONS, REPORTS	
my knowledge represents the temperature ratings, and ide manufacture of these fittings or in part and has been verified declaration conscientiously. Signature of Declarer: Declared before me at This	(see note 3) employed by CONBRACO INDUSTRIES and of the end product do solemnly declare that the information control e product for which registration is sought. The dimensions, material interest of the solemnia of the end product for which registration is sought. The dimensions, material interest of the same force and the end of the same force and the end of the same force and the end of the same force and the end of the same force and the end of the same force and the end of the same force and the end of the same force and the end of the same force and the end of the same force and the end of the	ained in this form is true and to the best erials of construction, pressure andards. I further declare that the sh plant where fabrication occurs in who or that purpose and I make this solemn and effect as if made under oath.
	This space for Regulatory Authority us	unswick
Th	is registration must be revalidated after ten (10) years from the	
0010000 5		PRESSURE VESSEL ACT
CRN: 0C10908.5 FID#: 2174		EGISTRATION ONLY ON 14908 S7Add 10
		1/2.10
Each category shall be surforms and one copy of supports. The declaration shall be responsibility for the quality.	nade by the person having full authority and of the end product. shall be resubmitted for validation	F BOLER INSPECTOR 8 /5 /2016 SLRs Sect. 1.0 VEittings Rev. 1 06/2

NEW BRUNSWICK NUNAVUT NOVA SCOTIA YUKON PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

CANOL ACTORIZATION TO MILE.		
IANUFACTURERS ADDRESS: 14	UNBRACO INDUSTRIES, INC.	
	18 S. PEARL STREET, PAGELAND, SC 29728, USA	
LANT LOCATIONS: SA	AME AS ABOVE	
CATEGORY OF FITTINGS	TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
Flanges: all flanges Valves: all line valves Expansion joints, flexible connect Strainers, filters, separators, and	tees, elbows, Ys, plugs, unions, pipe caps, or reducers ilons, and hose assemblies: all types steam traps ssure gauges, level gauges, sight glasses, levels, or	- ASME B31.3
bollers, pressure vessels, piping		
• .	hat do not fall into one of the above categories	
	Class 2 Class 3 C, (Meeting CNSC or ASME requirements) TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUC	CT TYPE OF CONSTRUCTION
NOW MANUFACTUREDS NAME.	*Apollo Valves Manufactured by Conbraco Industries Inc.	FORGED WELDED WARDUCHT DESCRIBE OTHER
LIST OF SUPPORTING DOCUME	NTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE	REGISTERED:
DECLARATION: DAVID EDMONDS		
responsibility for the quality of the year the property of the person to the property of the person to the property of the person to the perso	lieving it to be true, and knowing that it is of the same force and geland. South Carolina USETI	atained in this form is true and to the best of sterials of construction, pressure standards. I further declare that the ach plant where fabrication obturs in whole for that purpose and I make this solemn and effect as it made under oath.
responsibility for the quality of the year the property of the	the end product do solemnly declare that the information concorduct for which registration is sought. The dimensions, manufaction markings are in accordance with the herein named so regulated by a Quality Control Program which extends to each by TUV (ISO:9001:2008) as being suitable lieving it to be true, and knowing that it is of the same force and accordance with the herein named so regulated by a Quality Control Program which extends to each display and the same force of t	atained in this form is true and to the best of sterials of construction, pressure standards. I further declare that the ach plant where fabrication obturs in whole for that purpose and I make this solemn and effect as it made under oath.
responsibility for the quality of the year the property of the person to the property of the person to the property of the person to the perso	the end product do solemnly declare that the information concorduct for which registration is sought. The dimensions, management of the first in accordance with the herein named so regulated by a Quality Control Program which extends to early by TUV (ISO:9001:2008) as being suitable lieving it to be true, and knowing that it is of the same force and the	atained in this form is true and to the best of sterials of construction, pressure standards. I further declare that the ach plant where fabrication obturs in whole for that purpose and I make this solemn and effect as it made under oath.
responsibility for the quality of the yknowledge represents the plemperature ratings, and identify the part and has been verified declaration conscientiously be signature of Declarer: Declared before me at This2(off_h day of1(off_h day of1(off_h day)) the commissioner of Oaths or Notary Public: (sign)	the end product do solemnly declare that the information concorduct for which registration is sought. The dimensions, management of the first in accordance with the herein named so regulated by a Quality Control Program which extends to early by TUV (ISO:9001:2008) as being suitable lieving it to be true, and knowing that it is of the same force and accordance with the herein named so regulated by a Quality Control Program which extends to early suitable lieving it to be true, and knowing that it is of the same force and	atalned in this form is true and to the best of sterials of construction, pressure standards. I further declare that the ach plant where fabrication obturs in whole for that purpose and make this sclemn and effect as it made under oath. HIS SPA E FI
esponsibility for the quality of the yknowledge represents the plemperature ratings, and identification and factories of these fittings is or in part and has been verified declaration conscientiously be signature of Declarer: Declared before me at This 2004 day of 0000 Commissioner of Oaths or Notary Public: (sign)	the end product do solemnly declare that the information controduct for which registration is sought. The dimensions, manification markings are in accordance with the herein named so regulated by a Quality Control Program which extends to early by TUV (ISO:9001:2008) as being suitable lieving it to be true, and knowing that it is of the same force and t	atalned in this form is true and to the best of sterials of construction, pressure standards. I further declare that the ach plant where fabrication obturs in whole for that purpose and make this sclemn and effect as it made under oath. HIS SPA E FI
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responsibility for the quality of tmy knowledge represents the part temperature ratings, and identify manufacture of these fittings is or in part and has been verified declaration conscientiously be Signature of Declarer: Declared before me at This 20th day of Commissioner of Oaths or Notary Public: (sign)	the end product do solemnly declare that the information controduct for which registration is sought. The dimensions, manification markings are in accordance with the herein named so regulated by a Quality Control Program which extends to early by TUV (ISO:9001:2008) as being suitable lieving it to be true, and knowing that it is of the same force and t	atalned in this form is true and to the best of sterials of construction, pressure standards. I further declare that the ach plant where fabrication obturs in whole for that purpose and make this sclemn and effect as it made under oath. HIS SPA E FI

NEW BRUNSWICK

NOVA SCOTIA

PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME:	CONBRACO INDUSTRIES, INC.	
MANUFACTURERS ADDRESS:	1418 S. PEARL STREET, PAGELAND, SC 29728, USA	
PLANT LOCATIONS:	SAME AS ABOVE	
	IGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible conn E Strainers, filters, separators, a F Measuring devices, including pressure transmitters G Certified capacity-rated pressure boilers, pressure vessels, pip	pressure gauges, level gauges, sight glasses, levels, or ure relief devices acceptable as primary over pressure protection on	- ASME B31.3
	1 □ Class 2 □ Class 3 □, (Meeting CNSC or ASME requirements)	
	ME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION
	*Apollo Valves Manufactured by Conbraco Industries Inc.	FORGED WELDED WROUGHT CAST OTHER DESCRIBE OTHER:
LIST OF SUPPORTING DOCU	MENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE R	EGISTERED:
my knowledge represents the temperature ratings, and ide manufacture of these fittings or in part and has been veri	(300 note 3) employed by CONBRACO INDUSTRIES and to of the end product do solemnly declare that the information contains product for which registration is sought. The dimensions, materiantification markings are in accordance with the herein named stars is regulated by a Quality Control Program which extends to each field by TUV (ISO:9001:2008) as being suitable for believing it to be true, and knowing that it is of the same force and	ned in this form is true and to the bestials of construction, pressure indards. I further declare that the plant where fabrication occurs in what purpose and I make this solement that purpose and I make this solement.
Declared before me at f	lageland South Carolina USETH	FICIANOS PUBLIC
Commissioner of Oaths or Notary Public: (sign)	Jancy Strawn	CAROLINA
TI	This space for Regulatory Authority use his registration must be revalidated after ten (10) years from the d	ate of acceptance.
CRN: 0C10908.5	ADD10	ENT
FID#: 2174		To real parties

Notes:

1. All fittings shall be registered in the name of the Manufacturer.

2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.

3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.

4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.

NEW BRUNSWICK NUNAVUT

NOVA SCOTIA YUKON

PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

ANUFACTURERS NAME: CONBRACO INDUSTRIES, INC.	
ANUFACTURERS ADDRESS: 1418 S. PEARL STREET, PAGELAND. SC 29728, USA	
ANT LOCATIONS: SAME AS ABOVE	
CATEGORY OF FITTINGS TO BE REGISTERED, CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
Pipo fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or roducers Flanges: all flanges Valves: all fine valves	- ASME B31.3
Expansion joints, flexible connections, and hose assemblies: all types Strainers, filters, separators, and steam traps	
Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or	
pressure transmitters Certified capacity-rated pressure relief devices acceptable as primary over pressure protection o	
bollers, pressure yessels, piping and fusible plugs	
Pressure retaining components that do not fall into one of the above categories Nuclear components: Class 1 □ Class 2 □ Class 3 □, (Meeting CNSC or ASME requirements)	and a
TOW MANUFACTURERS NAME. TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRO	
"Apollo" Valves Manufactured by Combraco Industrias inc.	FORGED WELDED WROUGHT CAST OTHER DESCRIBE OTHER
JIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO	O BE PECISTERED
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Sccl. 1.0 - Filtings Rev. 1 06/2003

at a maximum interval of five (5) years.

tl /6 #

NEW BRUNSWICK NUNAVUT

MANUFACTURERS NAME:

NOVA SCOTIA YUKON

CONBRACO INDUSTRIES, INC.

MANUFACTURERS ADDRESS: 1418 S. PEARL STREET, PAGELAND, SC 29728, USA

PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

PLANT LOCATIONS: SAME AS ABOVE	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ON	Y TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types	- ASME B31.3
E Strainers, filters, separators, and steam traps	
F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters	
G Certified capacity-rated pressure relief devices acceptable as primary over pressure protections	ction on
boilers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories	
N Nuclear components: Class 1 □ Class 2 □ Class 3 □, (Meeting CNSC or ASME requi	rements)
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON TH	
"Apollo" valves	FORGED WELDED WROUGHT CAST OTHER DESCRIBE OTHER:
Manufactured by Conbraco Industries Inc.	
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITE	MS TO BE REGISTERED:
- BALL VALVE SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS	
,	·
responsibility for the quality of the end product do solemnly declare that the inform my knowledge represents the product for which registration is sought. The dimer temperature ratings, and identification markings are in accordance with the herein manufacture of these fittings is regulated by a Quality Control Program which extra	isions, materials of construction, pressure n named standards. I further declare that the ends to each plant where fabrication of butters in whole g suitable for that purpose and hake this solemn
Signature of Declarer:	
2:11	SETHIS SPACE FOR
This Z(oth day of January AD 2016	OFFICIATIONATION
Commissioner of Oaths or Notary Public: (sign) Amage Straw	CAROLILIA
or Notary Public: (sign) Y W CU SUCUM	AH IN IN INT
This space for Regulatory Author	NUNAVUI
This registration must be revalidated after ten (10) yea	rs on the late of acceptance Boilers and
CRN: 0C10908.5 ADD10	Nuñavut Pressure Vessels Act
FID#:	REGISTERED
	CRN DC 10908.5N Add 10
Notes: 1. All fittings shall be registered in the name of the Manufacturer.	Date A116, 5, 2016
2. Each category shall be supported with two Statutory Declaration	
forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and	Signed
responsibility for the quality of the end product.	Chilef Inspector
4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.	Territorial Registration Fee

CONBRACO INDUSTRIES INC.

701 MATTHEWS-MINT HILL ROAD MATTHEWS, NC USA, 28105

Page 1 of 3

16-Jun-16

FLOATING TYPE BALL VALVES - SCOPE OF CRN REGISTRATION

			FLOATING TYPE B.	ALL VALVES -	SCOPE OF					
Valve	Valve	Material	Material	Design	Size	End	CRN MAWP	CRN MAWP	MDMT	Design
Series	Models	Description	Specification	Code	Range	Connections	at 100F	at 406F		Report #
		•	·				(Note 1)	(Note 1)		_
70-100	70-100						, ,			
	70-140									
	70-190									
70-100-BC	70-100-BC	1								
70-200	70-200									
	70-240									
70-300	70-300	1								
	70-340									
70-400	70-400	1								
	70-440									
70-800	70-800	1								
70B-140	70B-140	1								
	70B-150									
	70B-190									
71-100	71-100	1								
	71-120		ASTM B584-C84400							
	71-140	Bronze and	ASTM B283-C37700	ASME B31.3	4/4" (1	NDT OULL	000	405	005	D 0005 4
	71-150	Brass	ASTM B62-C83600	MSS SP-110	1/4" thru 3"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-1
	71-190		ASTM B16-C36000							
71-500	71-500	1	7.02.0 00000							
	71-540									
	71-590									
75-100	75-100	1								
77-100	77-100	1								
	77-140									
	77-150									
	77-190									
77-200	77-200	1								
	77-240									
	77-250									
7K-100	7K-100	1								
	7K-150									
	7K-190									
80-100	80-100	1								

	FLOATING TYPE BALL VALVES - SCOPE OF CRN REGISTRATION CONTINUED									
Valve Series	Valve Models	Material Description	Material Specification	Design Code	Size Range	End Connections	CRN MAWP at 100F (Note 1)	CRN MAWP at 406F (Note 1)	MDMT	Design Report #
70LF-200 70LF-300	70LF-100 70LF-140 70LF-200 70LF-240 70LF-300	Lead Free Bronze and	ASTM B584-C89836 ASTM B927-C27451	ASME B31.3, MSS SP-110	1/4" thru 3"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-2
70LF-400	70LF-340 70LF-400 70LF-440	Brass								
77C	77C-100 77C-140 77C-100-UL 77C-200 77C-240 77C-200-UL 77C-800	Bronze and Brass	ASTM B584-C84400 ASTM B283-C37700 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-3
77CLF	77CLF-100 77CLF-140 77CLF-200 77CLF-240	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000	ASME B31.3, MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-4
82	82-100 82-140 82-200 82-400	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 4"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-5
82-LF	82LF-100 82LF-140 82LF-200 82LF-240	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000	ASME B31.3, MSS SP-110	1/4" thru 4"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-6
95	95A 95-100 95-200	Bronze and Brass	ASTM B584-C84400 ASTM B283-C37700 ASTM B62-C83600 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/2" thru 1"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-7
95	95ALF	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000	ASME B31.3, MSS SP-110	1/2" thru 1"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-8
71-AR	71-AR	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	3/4" thru 3"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-9

	FLOATING TYPE BALL VALVES - SCOPE OF CRN REGISTRATION CONTINUED									
Valve Series	Valve Models	Material Description	Material Specification	Design Code	Size Range	End Connections	CRN MAWP at 100F (Note 1)	CRN MAWP at 406F (Note 1)	MDMT	Design Report #
77-AR	77-AR	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-10
32-100 32-200	32-100 32-200	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-11
50GB	50GB GB50 GB50-A	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/2" thru 2"	NPT, Solder	250 psig	250 psig	- 20F	R-0605-12
70-600 70-900	70-600 70-640 70-900	Bronze and Brass	ASTM B584-C84400 ASTM B283-C37700 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-13
7B	7B-100 7B-300 7B-800	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-14
79	79 79-700	Brass	ASTM B283-C37700 ASTM B16-C36000 ASTM B75-C12200	ASME B31.3 ASME B31.5 MSS SP-110	3/8" thru 3-1/8"	Tube	500 psig	N/A	ASME B31.5 Grp. 2	R-0605-15

Note 1: The pressure-temperature ratings shown are the maximum CRN pressure-temperature ratings. In all cases the MAWP may be limited by the seat or seal material or other considerations. Please consult Conbraco / Apollo valve literature. Note 2: See attached list of manufacturing locations applicable to this CRN.

CERTIFICATE



TUV Rheinland of North America, Inc.

1300 Massachusetts Avenue, Suite 103, Boxborough, MA 01719

Hereby certifies that



Conbraco Industries, Inc.



701 Matthews-Mint Hill Road Matthews, NC 28105

has established and maintains a quality management system for the

Design and Manufacture of Flow and Pressure Relief Valves for Residential, Industrial and Medical Applications Under the Apollo Trademark; The Provision of Contract Calibration Services

An audit was performed and documented in Report No 2418. Proof has been furnished that the requirements according to

ISO 9001:2008

are fulfilled.

Further clarification regarding the scope of this certificate and the applicability of ISO 9001:2008 requirements may be obtained by contacting TRNA.

Certificate Registration No.

74 300 2418

Certificate Issue Date

December 01, 2015

Certificate Expiration Date **September 14, 2018**



Revised 11/30/2015 Certification Decision 11/30/2015

APPENDIX



TUV Rheinland of North America, Inc.

1300 Massachusetts Avenue, Suite 103, Boxborough, MA 01719

This appendix lists the sites certified under Certificate Number

74 300 2418, valid until September 14, 2018

For



Conbraco Industries, Inc.



SITE ADDRESS	ACTIVITIES RELATING TO:
701 Matthews-Mint Hill Road	Corporate HQ; Sales and Customer
Matthews, NC 28105	Service
1418 S. Pearl Street	Design, Manufacturing, Calibration &
Pageland, SC 29728	Distribution and Customer Service
1509 South Van Lingle Mungo Blvd Pageland, SC 29728	Foundry & Machining Operations
125 Highway 501 East Conway, SC 29526	Foundry & Manufacturing Operations

This appendix is only valid in conjunction with the referenced certificate.

ARAB ACCREDITED ISONECTOZII MANAGEMENT SYSTEMS Certification of Management Systems

Revised 11/30/2015



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

September09, 2016

SCOTT ISLIP ROUND ENGINEERING INC 10 SEGWUN RD WATERDOWN ON LOR 2H8 CA

Service Request Type.: BPV-National ACI Central

Service Request No.: 1910998 Your Reference No.: CONBRACO

Registered to.: CONBRACO INDUSTRIES

Dear SCOTT ISLIP,

Please find enclosed the original response from PEI, NS, NB, NFLD, YK, NWT, NU registered under the CRN No.: 0C10908.59870YTNADD10.

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,

Joanna Karpinski

Tel.: 416-734-3377 Fax: 416-231-6183

Email: jkarpinski@tssa.org

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLI NORTHWEST TERRIT		WFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	CONBRACO INDUS	TRIES. INC.		
MANUFACTURERS ADDRESS	1418 S. PEARL STR	REET, PAGELAND, SC 29728. U	SA	
PLANT LOCATIONS:	SAME AS ABOVE			
CATEGORY OF FITT	NGS TO BE REGISTE	RED, CIRCLE ONE CATEGOR	YONLY	TITLE OF THE STANDARD OF CONSTRUCTION
B Flanges: all flanges C Valves: all flan valves D Expension joints, flexible cor E Strainers, filters, separators,	inections, and hose ass and steam traps	olugs, unions, pipe caps, or reduc semblies: all types Il gauges, sight glasses, levels, or		- ASME B31.3
G Certified capacity-rated pres boilers, pressure vessels, pi H Pressure retaining compone	ping and fusible plugs	eptable as primary over prossure	protection on	
•		s 3 □, (Meeting CNSC or ASME	requirements)	
SHOW MANUFACTURERS NA				TYPE OF CONSTRUCTION
	'Apo	Valves	,	FORGED WELDED O WROUGHT D CAST OTHER D DESCRIBE OTHER:
LIST OF SUPPORTING DOC	UMENTATION AND ID	ENTIFICATION OF THE ACTUA	LITEMS TO BE RE	GISTERED:
my knowledge represents temperature ratings, and id manufacture of these fitting or in part and has been ver declaration conscientiously Signature of Declarer: Declared before me at	of the end product of the product for which entification markings is regulated by a fified by TUV (inployed by CONBRACO INItion of the control of the	nformation contain timensions, materinersions, materinersin named stanth extends to each being suitable for se same force and USETHI	dards. I further declare that the plant where fabrication of curry in whole that purpose and I make this solemn effect as it made under oath.
	-	This space for Regulatory A		
. Т	his registration mus	t be revalidated after ten (10)	years from the da	ale of acceptance.
CRN: - 0C10908.5	5 ADD10		PROVINCE OF P	CCEPTED RINCE EDWARD ISLAND LAND & ENVIRONMENT
Notes: 1. All fittings shall be regis 2. Each category shall be forms and one copy of sup 3. The declaration shall be responsibility for the quality control program at a maximum interval of \$1.	supported with two.Stapporting documentation a made by the person! y of the end product. as shall be resubmited	atutory Declaration L having full authority and	DATE: INSPECTION BOILER/PRESS	SERVICES SECTION SURE VESSEL, BILANCH Sect. 1.0 - Fittings Rev. 1 06/2003

08-05-2016

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWIC
NU INTAVALET

NOVA SCOTIA

PRINCE FOWARD ISLAND

NEWFOUNDLAND AND LABRADOR

8/18

UNAVUT	YUKON	NORTHWEST TERRITORIES	
MANUFACTURERS NAME:	CONBRACO INDUSTRIE	S. INC.	
MANUFACTURERS ADDRESS:	1418 S. PEARL STREET.	PAGELAND, SC 29728, USA	
PLANT LOCATIONS:	SAME AS ABOVE		
CATEGORY OF FITTI	NGS TO BE REGISTERED	CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including coupling B Flanges: all flanges C Valves: all line valves D Expansion Joints, flexible context. E Strainers, filters, separators, including F Measuring devices, including	nections, and hose assemble	ies: all types	- ASME B31.3
pressure transmitters G Certified capacity-rated press bollers, pressure vessels, pip H Pressure retaining componen	sure relief devices acceptab ping and fusible plugs nts that do not fall into one o	le as primary over pressure protection on of the above categories	
		l, (Meeting CNSC or ASME requirements) GO AS IT WILL APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION
•	"Apoll	Valves curred by Conbraca Industries Inc.	FORGED WELDED WROUGHT DESCRIBE OTHER:
- BALL VALVE SCOPE OF C		<u>IFICATION OF THE ACTUAL ITEMS TO BE R</u> .ATIONS, REPORTS	EGISTERED.
my knowledge represents to temperature ratings, and id manufacture of these fitting	of the end product do s he product for which reg entification markings are is is regulated by a Qual	yed by CONBRACO INDUSTRIES and olemnly declare that the information conta listration is sought. The dimensions, mate in accordance with the herein named statity Control Program which extends to each 1:9001:2008) as being suitable for the light of the long suitable for the light of the ligh	ined in this form is true and to the bes rials of construction, pressure indards. I further declare that the h plant where fabrication betters in wh

declaration conscientiously believ Signature of Declarer: Declared before me at day of _ Commissioner of Oaths

This space for Regulatory Authority use This registration must be revalidated after ten (10) years

CRN: 0C10908.5 ADD10

2174 FID#:

or Notary Public: (sign)

- 1. All fittings shall be registered in the name of the Manufacturer.
- 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.
- 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.
- 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.

of acceptance.

Sect. 1.0 - Fittings Rev. 1 06/2003

NEW BRUNSWICK	
ALL INTALAL IT	

NOVA SCOTIA

PRINCE EDWARD ISLAND

UNAVUT	YUKON NORTHWEST TERRITORIES	
MANUFACTURERS NAME:	CONBRACO INDUSTRIES, INC.	
MANUFACTURERS ADDRESS:	1418 S. PEARL STREET, PAGELAND, SC 29728, USA	
LANT LOCATIONS:	SAME AS ABOVE	
	NGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
Flanges: all flanges Valves: all line valves	gs, tees, elbows, Ys, plugs, unions, pipe caps, or reducers	- ASME B31.3
Measuring devices, including pressure transmitters Certified capacity-rated press	pressure gauges, level gauges, sight glasses, levels, or sure relief devices acceptable as primary over pressure protection on	
boilers, pressure vessels, pip 1 Pressure retaining componer	ong and rusible plugs ts that do not fall into one of the above categories	
N Nuclear components: Class	1 ☐ Class 2 ☐ Class 3 ☐, (Meeting CNSC or ASME requirements)	
HOW MANUFACTURERS NAI	** ** ** ** ** ** ** ** ** **	FORGED WELDED WROUGHT DESCRIBE OTHER:
LIST OF SUPPORTING DOCU	MENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE R	EGISTERED:
- BALL VALVE SCOPE OF C	RN, DRAWINGS, CALCULATIONS, REPORTS	
my knowledge represents the emperature ratings, and ide manufacture of these fittings or in part and has been verified declaration conscientiously Signature of Declarer:	(see note 3) employed by CONBRACO INDUSTRIES and to fithe end product do solemnly declare that the information contains a product for which registration is sought. The dimensions, mater intification markings are in accordance with the herein named starts is regulated by a Quality Control Program which extends to each field by TUV (ISO:9001:2008) as being suitable for believing it to be true, and knowing that it is of the same force and a long and south Caroling of the same force and long and	ned in this form is true and to the best ials of construction, pressure idards. I further declare that the plant where fabrication octurs in who that purpose and make this solemn effect as if made under oath.
Commissioner of Oaths	lancy Strawn	Nouveau
·	This space for Regulatory Authority use	inswick
Th	is registration must be revalidated after ten (10) years from the day	
0010000 5		PRESSURE VESSEL ACT
CRN: 0C10908.5		SISTRATION ONLY
FID#: <u>2174</u>	CRN C	DC10908.57Add10
Notes:		1 run acase
Each category shall be surforms and one copy of support	ered in the name of the Manufacturer. upported with two Statutory Declaration orting documentation.	for BOALER INSPECTOR
3. The declaration shall be responsibility for the quality	made by the person having full authority and of the end product.	15/2016
4. Quality control programs	shall be resubmitted for validation	Figor 10 Eiting Dou 100
at a maximum interval of five	e (5) years.	Sect. 1.9 Eittings Rev. 1 06

NEW BRUNSWICK NUNAVUT NOVA SCOTIA YUKON PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

CANOL ACTORIZATION TO MILE.		
IANUFACTURERS ADDRESS: 14	UNBRACO INDUSTRIES, INC.	
	18 S. PEARL STREET, PAGELAND, SC 29728, USA	
LANT LOCATIONS: SA	AME AS ABOVE	
CATEGORY OF FITTINGS	TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
Flanges: all flanges Valves: all line valves Expansion joints, flexible connect Strainers, filters, separators, and	tees, elbows, Ys, plugs, unions, pipe caps, or reducers ilons, and hose assemblies: all types steam traps ssure gauges, level gauges, sight glasses, levels, or	- ASME B31.3
bollers, pressure vessels, piping		
• .	hat do not fall into one of the above categories	
	Class 2 Class 3 C, (Meeting CNSC or ASME requirements) TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUC	CT TYPE OF CONSTRUCTION
NOW MANUFACTUREDS NAME.	*Apollo Valves Manufactured by Conbraco Industries Inc.	FORGED WELDED WARDUCHT DESCRIBE OTHER DESCRIBE OTHER
LIST OF SUPPORTING DOCUME	NTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE	REGISTERED:
DECLARATION: DAVID EDMONDS		
responsibility for the quality of the year the property of the person to the property of the person to the property of the person to the perso	lieving it to be true, and knowing that it is of the same force and geland. South Carolina USETI	atained in this form is true and to the best of sterials of construction, pressure standards. I further declare that the ach plant where fabrication obturs in whole for that purpose and I make this solemn and effect as it made under oath.
responsibility for the quality of the year the property of the	the end product do solemnly declare that the information concorduct for which registration is sought. The dimensions, manufaction markings are in accordance with the herein named so regulated by a Quality Control Program which extends to each by TUV (ISO:9001:2008) as being suitable lieving it to be true, and knowing that it is of the same force and accordance with the herein named so regulated by a Quality Control Program which extends to each display and the same force of t	atained in this form is true and to the best of sterials of construction, pressure standards. I further declare that the ach plant where fabrication obturs in whole for that purpose and I make this solemn and effect as it made under oath.
responsibility for the quality of the year the property of the person to the property of the person to the property of the person to the perso	the end product do solemnly declare that the information concorduct for which registration is sought. The dimensions, management of the first in accordance with the herein named so regulated by a Quality Control Program which extends to early by TUV (ISO:9001:2008) as being suitable lieving it to be true, and knowing that it is of the same force and the	atained in this form is true and to the best of sterials of construction, pressure standards. I further declare that the ach plant where fabrication obturs in whole for that purpose and I make this solemn and effect as it made under oath.
responsibility for the quality of the yknowledge represents the plemperature ratings, and identify the part and has been verified declaration conscientiously be signature of Declarer: Declared before me at This2(off_h day of1(off_h day of1(off_h day)) the commissioner of Oaths or Notary Public: (sign)	the end product do solemnly declare that the information concorduct for which registration is sought. The dimensions, management of the first in accordance with the herein named so regulated by a Quality Control Program which extends to early by TUV (ISO:9001:2008) as being suitable lieving it to be true, and knowing that it is of the same force and accordance with the herein named so regulated by a Quality Control Program which extends to early suitable lieving it to be true, and knowing that it is of the same force and	atalned in this form is true and to the best of sterials of construction, pressure standards. I further declare that the ach plant where fabrication obturs in whole for that purpose and make this sclemn and effect as it made under oath. HIS SPA E FI
esponsibility for the quality of the yknowledge represents the plemperature ratings, and identification and factories of these fittings is or in part and has been verified declaration conscientiously be signature of Declarer: Declared before me at This 2004 day of 0000 Commissioner of Oaths or Notary Public: (sign)	the end product do solemnly declare that the information controduct for which registration is sought. The dimensions, manification markings are in accordance with the herein named so regulated by a Quality Control Program which extends to early by TUV (ISO:9001:2008) as being suitable lieving it to be true, and knowing that it is of the same force and t	atalned in this form is true and to the best of sterials of construction, pressure standards. I further declare that the ach plant where fabrication obturs in whole for that purpose and make this sclemn and effect as it made under oath. HIS SPA E FI
responsibility for the quality of the yknowledge represents the plemperature ratings, and identify the part and has been verified declaration conscientiously be signature of Declarer: Declared before me at This2(off_h day of1(off_h day of1(off_h day)) the commissioner of Oaths or Notary Public: (sign)	the end product do solemnly declare that the information controduct for which registration is sought. The dimensions, manification markings are in accordance with the herein named so regulated by a Quality Control Program which extends to early by TUV (ISO:9001:2008) as being suitable lieving it to be true, and knowing that it is of the same force and t	atalned in this form is true and to the best of sterials of construction, pressure standards. I further declare that the ach plant where fabrication obturs in whole for that purpose and make this sclemn and effect as it made under oath. HIS SPA E FI
responsibility for the quality of tmy knowledge represents the part temperature ratings, and identify manufacture of these fittings is or in part and has been verified declaration conscientiously be Signature of Declarer: Declared before me at This 20th day of Commissioner of Oaths or Notary Public: (sign)	the end product do solemnly declare that the information controduct for which registration is sought. The dimensions, manification markings are in accordance with the herein named so regulated by a Quality Control Program which extends to early by TUV (ISO:9001:2008) as being suitable lieving it to be true, and knowing that it is of the same force and t	atalned in this form is true and to the best of sterials of construction, pressure standards. I further declare that the ach plant where fabrication obturs in whole for that purpose and make this sclemn and effect as it made under oath. HIS SPA E FI

NEW BRUNSWICK

NOVA SCOTIA

PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME:	CONBRACO INDUSTRIES, INC.	
MANUFACTURERS ADDRESS:	1418 S. PEARL STREET, PAGELAND, SC 29728, USA	
- Day - 200-1110-10-	SAME AS ABOVE	
	GS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
B Flanges: all flanges O Valves: all line valves D Expansion joints, flexible conne E Strainers, filters, separators, ar F Measuring devices, including p pressure transmitters	s, tees, elbows, Ys, plugs, unions, pipe caps, or reducers ections, and hose assemblies: all types nd steam traps ressure gauges, level gauges, sight glasses, levels, or are relief devices acceptable as primary over pressure protection on	- ASME B31.3
boilers, pressure vessels, pipir	ng and fusible plugs	
• .	s that do not fall into one of the above categories	
	Class 2 Class 3 C, (Meeting CNSC or ASME requirements)	TYPE OF CONSTRUCTION
SHOW MANUFACTURERS NAM	*Apollo Valves Manufactured by Conbraco Industries Inc.	FORGED WELDED WROUGHT CAST OTHER COMPANY DESCRIBE OTHER:
LIST OF SUPPORTING DOCUM	MENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE R	EGISTERED:
my knowledge represents the temperature ratings, and idea manufacture of these fittings or in part and has been verifi	(see note 3) employed by CONBRACO INDUSTRIES and of the end product do solemnly declare that the information contains product for which registration is sought. The dimensions, maternitification markings are in accordance with the herein named state is regulated by a Quality Control Program which extends to each ited by TUV (ISO:9001:2008) as being suitable for pelieving it to be true, and knowing that it is of the same force and	ined in this form is true and to the bestials of construction, pressure indards. I further declare that the in plant where fabrication occurs in what that purpose and I make this solemer
Signature of Declarer:	the del	# · · · · · · · · · · · · · · · · · · ·
Declared before me at H	ageland, South Caroling USETH January AD 2016 OF	FICIALDA PARIO
Commissioner of Oaths or Notary Public: (sign)	lancy Straun	CAROLINIA
Th	This space for Regulatory Authority use is registration must be revalidated after ten (10) years from the c	date of acceptance.
CRN: 0C10908.5	ADD10	
FID#: 2174		JENI OF TO

Notes:

1. All fittings shall be registered in the name of the Manufacturer.

2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.

3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.

4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.

NEW BRUNSWICK NUNAVUT

NOVA SCOTIA YUKON

PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

ANUFACTURERS NAME: CONBRACO INDUSTRIES, INC.	
ANUFACTURERS ADDRESS: 1418 S. PEARL STREET, PAGELAND. SC 29728, USA	
ANT LOCATIONS: SAME AS ABOVE	
CATEGORY OF FITTINGS TO BE REGISTERED, CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
Pipo fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or roducers Flanges: all flanges Valves: all flanges	- ASME B31.3
Expansion joints, flexible connections, and hose assemblies: all types Strainors, filters, separators, and steam traps	
Measuring devices, including pressure gauges, lovel gauges, sight glasses, levels, or	
pressure transmitters Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on	
bollers, pressure yessels, piping and fusible plugs	` \
Pressure retaining components that do not fall into one of the above categories Nuclear components: Class 1 □ Class 2 □ Class 3 □, (Meeting CNSC or ASME requirements)	a \
TOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRO	
"Apollo" Valves Manufactured by Combraco Industries Inc.	FORGED WELDED WROUGHT DESCRIBE OTHER
JIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO	BE BEGISTERED
DAVID EDMONDS (300 Mole 3) employed by CONBRACO INDUSTRIES esponsibility for the quality of the end product do solemnly declare that the information of the product for which registration is sought. The dimensions, emperature ratings, and identification markings are in accordance with the herein name manufacture of these fittings is regulated by a Quality Control Program which extends to be in part and has been verified by TUV (ISO:9001:2008) TUV (ISO:9001:2008)	contained in this form is true and to the bes , materials of construction, pressure ed standards. I further declare that the o each plant where fabrication betters in whater this polymers and this polymer.
DAVID EDMONDS (300 Note 3) employed by CONBRACO INDUSTRIES esponsibility for the quality of the end product do solemnly declare that the information by knowledge represents the product for which registration is sought. The dimensions, emperature ratings, and identification markings are in accordance with the herein name nanufacture of these fittings is regulated by a Quality Control Program which extends to it in part and has been verified by TUV (ISO:9001:2008) as being suital eclaration conscientiously believing it to be true, and knowing that it is of the same force.	contained in this form is true and to the best, materials of construction, pressure ed standards. I further declare that the o each plant where fabrication between that purpose and that purpose and that purpose and that purpose and that purpose and that purpose and that purpose and that purpose and that purpose and that purpose and that purpose and that purpose and that purpose and that purpose and that purpose and that purpose and that purpose and the purpo
DAVID EDMONDS (300 Note 3) employed by CONBRACO INDUSTRIES esponsibility for the quality of the end product do solemnly declare that the information by knowledge represents the product for which registration is sought. The dimensions, emperature ratings, and identification markings are in accordance with the herein name nanufacture of these fittings is regulated by a Quality Control Program which extends to in In part and has been verified by TUV (ISO:9001:2008) as being suita leclaration conscientiously believing it to be true, and knowing that it is of the same forestimates of Declarer:	contained in this form is true and to the best materials of construction, pressure ed standards. I further declare that the o each plant where fabrication obtains in whale for that purpose and Tmake this sciemm ce and effect as it made under oath.
DAVID EDMONDS (300 note 3) employed by CONBRACO INDUSTRIES asponsibility for the quality of the end product do solemnly declare that the Information by knowledge represents the product for which registration is sought. The dimensions, amperature ratings, and identification markings are in accordance with the herein name nanufacture of these fittings is regulated by a Quality Control Program which extends to ir in part and has been verified by TUV (ISO:9001:2008) as being suital leclaration conscientiously believing it to be true, and knowing that it is of the same forestimated before me at Age and South Caroling U.S.E.	contained in this form is true and to the best materials of construction, pressure ed standards. I further declare that the o each plant where fabrication obtains in whale for that purpose and Tmake this sciemm ce and effect as it made under oath.
DAVID EDMONDS (300 Notes 2) employed by CONBRACO INDUSTRIES esponsibility for the quality of the end product do solemnly declare that the information by knowledge represents the product for which registration is sought. The dimensions, emperature ratings, and identification markings are in accordance with the herein name nanufacture of these fittings is regulated by a Quality Control Program which extends to in in part and has been verified by TUV (ISO:9001:2008) as being suital eclaration conscientiously believing it to be true, and knowing that it is of the same forestimators of Declarer: Declared before me at Ageland South Caroling U.S.E. This 26th day of January AD 2016	contained in this form is true and to the best materials of construction, pressure ed standards. I further declare that the o each plant where fabrication desure in whale for that purpose and Tmake this edemice and effect as it made under oath. THIS SPA
DAVID EDMONDS (300 Notes 2) employed by CONBRACO INDUSTRIES esponsibility for the quality of the end product do solemnly declare that the information by knowledge represents the product for which registration is sought. The dimensions, emperature ratings, and identification markings are in accordance with the herein name nanufacture of these fittings is regulated by a Quality Control Program which extends to in in part and has been verified by TUV (ISO:9001:2008) as being suital eclaration conscientiously believing it to be true, and knowing that it is of the same forestimators of Declarer: Declared before me at Ageland South Caroling U.S.E. This 26th day of January AD 2016	contained in this form is true and to the best materials of construction, pressure ed standards. I further declare that the o each plant where fabrication obtains in whale for that purpose and Tmake this sciemm ce and effect as it made under oath.
DAVID EDMONDS (200 note 3) employed by CONBRACO INDUSTRIES responsibility for the quality of the end product do solemnly declare that the information by knowledge represents the product for which registration is sought. The dimensions, emperature ratings, and identification markings are in accordance with the herein name nanufacture of these fittings is regulated by a Quality Control Program which extends to r in part and has been verified by TUV (ISO:9001:2008) as being suital eclaration conscientiously believing it to be true, and knowing that it is of the same for signature of Declarer: Declared before me at Pageland South Caroling U.S.E. This 76th day of January AD 2016 Commissioner of Oaths Amount Statum	contained in this form is true and to the best materials of construction, pressure ed standards. I further declare that the o each plant where fabrication desure in whale for that purpose and Tmake this edemice and effect as it made under oath. THIS SPA
DAVID EDMONDS (200 Note 2) employed by CONBRACO INDUSTRIES responsibility for the quality of the end product do solemnly declare that the Information of the end product for which registration is sought. The dimensions, remperature ratings, and identification markings are in accordance with the herein name manufacture of these fittings is regulated by a Quality Control Program which extends to it in part and has been verified by TUV (ISO:9001:2008) as being suital eclaration conscientiously believing it to be true, and knowing that it is of the same for the	contained in this form is true and to the best materials of construction, pressure ed standards. I further declare that the o each plant where fabrication obsurs in whatele for that purpose and I make this scient ce and effect as it made under oath. THIS SPEA
DAVID EDMONDS (300 Notary Public: (sign) DAVID EDMONDS (300 Notary Public: (sign) This registration must be revalidated after ten (10) years from	contained in this form is true and to the best materials of construction, pressure ed standards. I further declare that the o each plant where fabrication obsurs in whale for that purpose and Triake this edemice and effect as it made under oath. THIS SPANELLE STANDARD TO TARE THE
DAVID EDMONDS (300 Moles 3) employed by CONBRACO INDUSTRIES perponsibility for the quality of the end product do solemnly declare that the Information of the end product for which registration is sought. The dimensions, perpendictory and identification markings are in accordance with the herein name perpendictory of these fittings is regulated by a Quality Control Program which extends to per in part and has been verified by TUV (ISO:9001:2008) as being suital per lectaration conscientiously believing it to be true, and knowing that it is of the same fore Declared before me at Page and South Carolina U S E This 26th day of January AD 2016 Commissioner of Oaths Or Notary Public: (sign) Mancy Straw This space for Regulatory Authority was	contained in this form is true and to the best materials of construction, pressure ed standards. I further declare that the o each plant where fabrication obsurs in whale for that purpose and Triake this edemice and effect as it made under oath. THIS SPANE FOR THE CAROLINA OF A PARILLE OF FILL A PA
DAVID EDMONDS (300 Notes 2) employed by CONBRACO INDUSTRIES responsibility for the quality of the end product do solemnly declare that the Information of the knowledge represents the product for which registration is sought. The dimensions, remperature ratings, and identification markings are in accordance with the herein name nanufacture of these fittings is regulated by a Quality Control Program which extends to be in part and has been verified by TUV (ISO:9001:2008) as being suital declaration conscientiously believing it to be true, and knowing that it is of the same for signature of Declarer: Declared before me at Page and South Caroling U S E This 2(oth day of January AD 2016 Commissioner of Oaths or Notary Public: (sign) This registration must be revalidated after ten (10) years from CRN: 0C10908.5 ADD10	contained in this form is true and to the best materials of construction, pressure ed standards. I further declare that the o each plant where fabrication obsures in whatele for that purpose and Tmake this scient rice and effect as it made under oath. THIS SPANISHED CAROLINASS PROBLEM CAROLINASS
DAVID EDMONDS (300 Notes 3) employed by CONBRACO INDUSTRIES responsibility for the quality of the end product do solemnly declare that the Information of the knowledge represents the product for which registration is sought. The dimensions, remperature ratings, and identification markings are in accordance with the herein name nanufacture of these fittings is regulated by a Quality Control Program which extends to in part and has been verified by TUV (ISO:9001:2008) as being suita declaration conscientiously believing it to be true, and knowing that it is of the same formation of Declarer: Declared before me at Page and South Caroling U S E This 26th day of January AD 2016 Commissioner of Oaths or Notary Public: (sign) This registration must be revalidated after ten (10) years from CRN: 0C10908.5 ADD10 FID#: 2174	contained in this form is true and to the best materials of construction, pressure ed standards. I further declare that the o each plant where fabrication desure in whatele for that purpose and Tmake this scient rice and effect as it made under oath. THIS SPANISHED CAROLINASS THIS SPANISH CAROLINASS THIS SPANISH CAROLINASS THE AUTHORITY REGISTERED
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Sccl. 1.0 - Filtings Rev. 1 06/2003

at a maximum interval of five (5) years.

tl /6 #

NEW BRUNSWICK NUNAVUT

MANUFACTURERS NAME:

NOVA SCOTIA YUKON

CONBRACO INDUSTRIES, INC.

MANUFACTURERS ADDRESS: 1418 S. PEARL STREET, PAGELAND, SC 29728, USA

PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

PLANT LOCATIONS: SAME AS ABOVE	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ON	Y TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types	- ASME B31.3
E Strainers, filters, separators, and steam traps	
F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters	
G Certified capacity-rated pressure relief devices acceptable as primary over pressure protections	ction on
boilers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories	
N Nuclear components: Class 1 □ Class 2 □ Class 3 □, (Meeting CNSC or ASME requi	rements)
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON TH	E PRODUCT TYPE OF CONSTRUCTION
"Apollo" Valves	FORGED WELDED WROUGHT CAST OTHER DESCRIBE OTHER:
Manufactured by Conbraco Industries Inc.	·
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITE	MS TO BE REGISTERED:
- BALL VALVE SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS	
SALE TALES SO I E OF STRIP STRIP STRIP STRIP STRIP	
	·
responsibility for the quality of the end product do solemnly declare that the inform my knowledge represents the product for which registration is sought. The dimer temperature ratings, and identification markings are in accordance with the herein manufacture of these fittings is regulated by a Quality Control Program which extro in part and has been verified by TUV (ISO:9001:2008) as bein declaration conscientiously believing it to be true, and knowing that it is of the sa	nsions, materials of construction, pressure n named standards. I further declare that the ends to each plant where fabrication of bothers in whole g suitable for that purpose बार्ट्स निवेह्य निवेह्य किन्द्रिकी
Signature of Declarer:	
2011	SETHIS SPACE FOR
This Z(oth day of Sanuary AD 2016	OFFICIATION, FUBLIC.
Commissioner of Oaths or Notary Public: (sign) Mancy Straw	CAROLINI
	NII INI AVALIT
This space for Regulatory Author	ity INUINAVUI
This registration must be revalidated after ten (10) year	1 1 5 - 3 - 3 -
CRN: 0C10908.5 ADD10	Nunavut Pressure Vessels Act
FID#: 2174	REGISTERED
N. C.	CRN <u>DC 10908.5N Add 10</u>
Notes: 1. All fittings shall be registered in the name of the Manufacturer.	Date A1/G 5 20/6
Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.	Signed Allico A.
3. The declaration shall be made by the person having full authority and	
responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation	Chief Inspector
at a maximum interval of five (5) years.	Territorial Registration Fee

CONBRACO INDUSTRIES INC.

701 MATTHEWS-MINT HILL ROAD MATTHEWS, NC USA, 28105

Page 1 of 3

16-Jun-16

FLOATING TYPE BALL VALVES - SCOPE OF CRN REGISTRATION

	FLOATING TYPE BALL VALVES - SCOPE OF CRN REGISTRATION									
Valve	Valve	Material	Material	Design	Size	End	CRN MAWP	CRN MAWP	MDMT	Design
Series	Models	Description	Specification	Code	Range	Connections	at 100F	at 406F		Report #
		•	·				(Note 1)	(Note 1)		_
70-100	70-100							,		
	70-140									
	70-190									
70-100-BC	70-100-BC	1								
70-200	70-200									
	70-240									
70-300	70-300	1								
	70-340									
70-400	70-400	1								
	70-440									
70-800	70-800	1								
70B-140	70B-140	1								
	70B-150									
	70B-190									
71-100	71-100	1								
	71-120		ASTM B584-C84400							
	71-140	Bronze and	ASTM B283-C37700	ASME B31.3	4/4" (1	NDT OULL	000	405	005	D 0005 4
	71-150	Brass	ASTM B62-C83600	MSS SP-110	1/4" thru 3"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-1
	71-190		ASTM B16-C36000							
71-500	71-500	1	7.01210 000000							
	71-540									
	71-590									
75-100	75-100	1								
77-100	77-100	1								
	77-140									
	77-150									
	77-190									
77-200	77-200	1								
	77-240									
	77-250									
7K-100	7K-100	1								
	7K-150									
	7K-190									
80-100	80-100	1								

		FLO	ATING TYPE BALL VA	ALVES - SCOP	E OF CRN R	EGISTRATION	CONTINUED			
Valve Series	Valve Models	Material Description	Material Specification	Design Code	Size Range	End Connections	CRN MAWP at 100F (Note 1)	CRN MAWP at 406F (Note 1)	MDMT	Design Report #
70LF-200 70LF-300	70LF-100 70LF-140 70LF-200 70LF-240 70LF-300	Lead Free Bronze and	ASTM B584-C89836 ASTM B927-C27451	ASME B31.3, MSS SP-110	1/4" thru 3"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-2
70LF-400	70LF-340 70LF-400 70LF-440	Brass								
77C	77C-100 77C-140 77C-100-UL 77C-200 77C-240 77C-200-UL 77C-800	Bronze and Brass	ASTM B584-C84400 ASTM B283-C37700 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-3
77CLF	77CLF-100 77CLF-140 77CLF-200 77CLF-240	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000	ASME B31.3, MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-4
82	82-100 82-140 82-200 82-400	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 4"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-5
82-LF	82LF-100 82LF-140 82LF-200 82LF-240	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000	ASME B31.3, MSS SP-110	1/4" thru 4"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-6
95	95A 95-100 95-200	Bronze and Brass	ASTM B584-C84400 ASTM B283-C37700 ASTM B62-C83600 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/2" thru 1"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-7
95	95ALF	Lead Free Bronze and Brass	ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000	ASME B31.3, MSS SP-110	1/2" thru 1"	NPT, Solder	600 psig	250 psig	- 20F	R-0605-8
71-AR	71-AR	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	3/4" thru 3"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-9

	FLOATING TYPE BALL VALVES - SCOPE OF CRN REGISTRATION CONTINUED									
Valve Series	Valve Models	Material Description	Material Specification	Design Code	Size Range	End Connections	CRN MAWP at 100F (Note 1)	CRN MAWP at 406F (Note 1)	MDMT	Design Report #
77-AR	77-AR	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	600 psig	425 psig	- 20F	R-0605-10
32-100 32-200	32-100 32-200	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-11
50GB	50GB GB50 GB50-A	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/2" thru 2"	NPT, Solder	250 psig	250 psig	- 20F	R-0605-12
70-600 70-900	70-600 70-640 70-900	Bronze and Brass	ASTM B584-C84400 ASTM B283-C37700 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-13
7B	7B-100 7B-300 7B-800	Bronze and Brass	ASTM B584-C84400 ASTM B16-C36000	ASME B31.3 MSS SP-110	1/4" thru 2"	NPT, Solder	400 psig	285 psig	- 20F	R-0605-14
79	79 79-700	Brass	ASTM B283-C37700 ASTM B16-C36000 ASTM B75-C12200	ASME B31.3 ASME B31.5 MSS SP-110	3/8" thru 3-1/8"	Tube	500 psig	N/A	ASME B31.5 Grp. 2	R-0605-15

Note 1: The pressure-temperature ratings shown are the maximum CRN pressure-temperature ratings. In all cases the MAWP may be limited by the seat or seal material or other considerations. Please consult Conbraco / Apollo valve literature. Note 2: See attached list of manufacturing locations applicable to this CRN.

CERTIFICATE



TUV Rheinland of North America, Inc.

1300 Massachusetts Avenue, Suite 103, Boxborough, MA 01719

Hereby certifies that



Conbraco Industries, Inc.



701 Matthews-Mint Hill Road Matthews, NC 28105

has established and maintains a quality management system for the

Design and Manufacture of Flow and Pressure Relief Valves for Residential, Industrial and Medical Applications Under the Apollo Trademark; The Provision of Contract Calibration Services

An audit was performed and documented in Report No 2418. Proof has been furnished that the requirements according to

ISO 9001:2008

are fulfilled.

Further clarification regarding the scope of this certificate and the applicability of ISO 9001:2008 requirements may be obtained by contacting TRNA.

Certificate Registration No.

74 300 2418

Certificate Issue Date

December 01, 2015

Certificate Expiration Date **September 14, 2018**



Revised 11/30/2015 Certification Decision 11/30/2015

APPENDIX



TUV Rheinland of North America, Inc.

1300 Massachusetts Avenue, Suite 103, Boxborough, MA 01719

This appendix lists the sites certified under Certificate Number

74 300 2418, valid until September 14, 2018

For



Conbraco Industries, Inc.



SITE ADDRESS	ACTIVITIES RELATING TO:				
701 Matthews-Mint Hill Road	Corporate HQ; Sales and Customer				
Matthews, NC 28105	Service				
1418 S. Pearl Street	Design, Manufacturing, Calibration &				
Pageland, SC 29728	Distribution and Customer Service				
1509 South Van Lingle Mungo Blvd Pageland, SC 29728	Foundry & Machining Operations				
125 Highway 501 East Conway, SC 29526	Foundry & Manufacturing Operations				

This appendix is only valid in conjunction with the referenced certificate.

ARAB ACCREDITED SONECTOZII MANAGEMENT SYSTEMS Certification of Management Systems

Revised 11/30/2015