



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

July 10, 2018

SCOTT ISLIP  
ROUND ENGINEERING INC  
10 SEGWUN RD  
WATERDOWN ON L8B 0K6  
CA

Service Request Type.: BPV-National MB  
Service Request No.: 2258936  
Your Reference No.: R-0812  
Registered to.: CONBRACO INDUSTRIES

Dear SCOTT ISLIP,

Please find enclosed the original response from MB, registered under the CRN No.: 0A20041.54.

As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you.  
For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail [customerservices@tssa.org](mailto:customerservices@tssa.org). When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Joanna Karpinski

Tel: 416-734-3377  
Fax: 416-231-6183  
Email: [jkarpinski@tssa.org](mailto:jkarpinski@tssa.org)



Inspection and Technical Services Manitoba  
508 - 401 York Avenue  
Winnipeg Manitoba R3C 0P8  
T (204) 945-3373  
F (204) 948-2309  
[www.firecomm.gov.mb.ca/codes\\_steam\\_pressure.html](http://www.firecomm.gov.mb.ca/codes_steam_pressure.html)

May 3, 2018

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.

DRAWING / CATALOGUE	CRN	FILE
APOLLO POWERPRESS - SCOPE OF REGISTRATION DATED 04-FEB-18	0A20041.54	38782

**An invoice covering survey and registration fees is enclosed.**

#### **NOTES:**

- 1. CRN registered under reciprocal agreement & is conditional based on compliance with the notes set by the original issuing Jurisdiction: TSSA. This registration expires **February 5, 2025**.*

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.oriesky@gov.mb.ca](mailto:ryan.oriesky@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 DECLARATION Registration of Fittings

I, CHUCK TYSON, SENIOR PROJECT ENGINEER

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

of CONBRACO INDUSTRIES, INC.

(Name of Manufacturer)

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

(Plant Address)

(843) 679-6161

(Telephone No.)

(843) 672-1566

(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 B31.1, 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 A type fittings. In support of this application, the following information and/or test data are attached as follows:

SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS, WORLDWIDE LOCATIONS APPENDIX

(drawings, calculations, test reports, etc.)

Declared before me at Pageland in the State

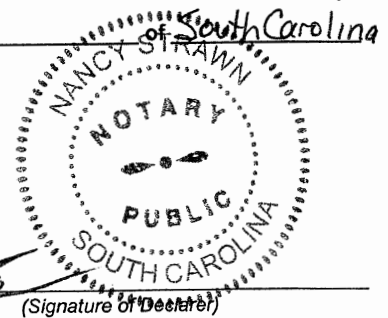
the 28<sup>th</sup> day of November AD 2017.

Commissioner for Oaths:

Nancy Strawn  
(Printed name)

Nancy Strawn  
(Signature)

Chuck Tyson  
(Signature of Declarer)



### FOR OFFICE USE ONLY

To the best of my knowledge and belief, the application meets the requirements of the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category \_\_\_\_\_.

CRN: \_\_\_\_\_

Registered by: \_\_\_\_\_

Dated: \_\_\_\_\_

NOTE: This registration expires on

FEB 5, 2028



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

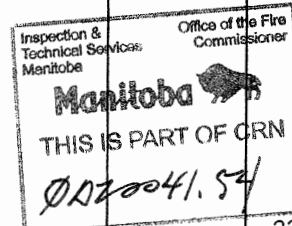


04-Feb-18

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**APOLLO POWERPRESS - SCOPE OF CRN REGISTRATION**

Part No. (Note 5)	Part Description	End Connections	Material Specification	Design Code	Size Range	CRN MAWP at MAWT (Note 1,2,3)	MDMT	Design Report #	
400/400G	Coupling with Stop	Press x Press	Steel Tube DIN EN 10305-2 Grade E235 Number 1.0308	ASME B31.3, 2016, ASME B31.1, 2016 (Note 6)	1/2" thru 2"	232 psig at 302F		R-0812	
401/401G	Coupling without Stop	Press x Press	Steel Tube DIN EN 10305-2 Grade E235 Number 1.0308						
407/407G	90 Degree Elbow	Press x Press	Steel Tube DIN EN 10305-2 Grade E235 Number 1.0308						
407-2/407-2G	90 Degree Elbow	Press x Male	Steel Tube DIN EN 10305-2 Grade E235 Number 1.0308						
406/406G	45 Degree Elbow	Press x Press	Steel Tube DIN EN 10305-2 Grade E235 Number 1.0308						
406-2/406-2G	45 Degree Elbow	Press x Male	Steel Tube DIN EN 10305-2 Grade E235 Number 1.0308						
411/411G	Tee	Press x Press x Press	Steel Tube DIN EN 10305-2 Grade E235 Number 1.0308						
411R/411RG	Tee - Reducing	Press x Press x Press	Steel Tube DIN EN 10305-2 Grade E235 Number 1.0308						
4712/4712G	Tee w/ Female Thread Outlet Branch	Press x FNPT x Press	Steel Tube DIN EN 10305-2 Grade E235 Number 1.0308 Steel Bar BS EN 10277-3 11SMnPb37 Number 1.0737						
418/418G	Fitting Reducer	Male x Press	Steel Tube DIN EN 10305-2 Grade E235 Number 1.0308 Steel Bar BS EN 10277-3 11SMnPb37 Number 1.0737						
403/403G	Female Thread Adapter	Press x FNPT	Steel Tube DIN EN 10305-2 Grade E235 Number 1.0308						
404/404G	Male Thread Adapter	Press x MNPT	Steel Tube DIN EN 10305-2 Grade E235 Number 1.0308						
4733/4733G	Union	Press x Press	Steel Tube DIN EN 10305-2 Grade E235 Number 1.0308						
417/417G	Cap	Press	Steel Tube DIN EN 10305-2 Grade E235 Number 1.0308						
4771/4771G	Flange Adapter CL150	CL150 Flanged x Press	Steel Tube DIN EN 10305-2 Grade E235 Number 1.0308 Steel Bar BS EN 10277-3 11SMnPb37 Number 1.0737						229 psig at 302F (Note 4)



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



04-Feb-18

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**APOLLO POWERPRESS - SCOPE OF CRN REGISTRATION CONTINUED**

**Note 1:** MAWP = Maximum Allowable Working Pressure, MAWT = Maximum Allowable Working Temperature, MDMT = Minimum Design Metal Temperature.

**Note 2:** The pressure-temperature ratings shown are the maximum CRN pressure-temperature ratings. In all cases the MAWP or MAWT may be limited by other considerations. Please consult Conbraco / Apollo literature.

**Note 3:** Powerpress components supplied with EPDM O-Rings are suitable for 302F. Powerpress components supplied with HNBR O-Rings are suitable for a maximum temperature of 194F.

**Note 4:** MAWP in accordance with ASME B16.5 Table II-2-1.1.

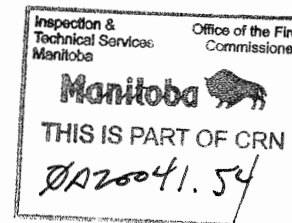
**Note 5:** G in Part Number stands for Gas seals (HNBR Seals suitable for 194F).

**Note 6:** In accordance with ASME B31.1 para 123.1.2(D) when this product is used under the ASME B31.1 code the owner must accept the use of the following non listed materials:

- Steel Tube DIN EN 10305-2 Grade E235 Number 1.0308.
- Steel Bar BS EN 10277-3 11SMnPb37 Number 1.0737.

In all cases the above unlisted materials shall only be used for nonboiler external piping.

**Note 7:** See attached list of manufacturing locations applicable to this CRN.





## WORLDWIDE LOCATIONS APPENDIX

### **CONBRACO INDUSTRIES, INC LOCATIONS & CERTIFYING AUTHORITIES**

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(rev. December 4, 2017)

**Corporate HQ; Sales and Customer Service**

701 Matthews-Mint Hill Road

Matthews, NC

28105, USA

**ISO 9001 Certified by TUV Rheinland**

**Design, Manufacturing, Calibration & Distribution and Customer Service**

1418 S. Pearl Street

Pageland, SC

29728, USA

**ISO 9001 Certified by TUV Rheinland**

**Foundry & Machining Operations**

1509 South Van Lingle Mungo Blvd

Pageland, SC

29728, USA

**ISO 9001 Certified by TUV Rheinland**

**Foundry & Manufacturing Operations**

125 Highway 501 East

Conway, SC

29526, USA

**ISO 9001 Certified by TUV Rheinland**