

April 25, 2012

TSSA
3300 Bloor St. W, Center Tower, 14th Floor
Toronto, ON
M8X 2X4

Attention: Tanya Francis

REGISTRATION OF VALVES AND FITTINGS

Manufacturer: Conbraco Industries (Apollo Valves)

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
61/62 Series Check Valves	0C11218.54	31500

An invoice covering survey and registration fees is enclosed.

NOTE: This registration includes Design Report Project: 61/62 Series Check Valves Rev.H. This registration expires December 19, 2021.

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.

Yours truly,




Ryan DeLury, C.E.T.
Senior Design Surveyor, Inspection and Technical Services



TECHNICAL STANDARDS &
SAFETY AUTHORITY
14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario
Canada M8X 2X4

Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below

 *'Apollo'* Valves

STATUTORY DECLARATION Registration of Fittings

I, Brian Gantz, Sr. Project Engineer
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Apollo Valves, Mfg. by Conbraco Industries, Inc.
(Name of Manufacturer)

Located at 1418 South Pearl Street, Pageland, SC 29728 843-672-1687 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

(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 Apollo Valves 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 ISO 17025 (LAB) which has been verified by the following authority, TUV Rheinland of North America, Inc.

The items covered by this declaration, for which I seek registration, are category F type fittings. In support of this application, the following information and/or test data are attached as follows:
Data sheets, Calculations, Instruction sheet, and catalog documentation

(drawings, calculations, test reports, etc.)

Declared before me at Chesterfield County in the State of South Carolina

the twelfth day of July AD 2011

Commissioner for Oaths:
Nancy Gullidge
(Printed name)
Nancy Gullidge
(Signature)

Brian Gantz
(Signature of Declarer)

FOR OFFICE USE ONLY

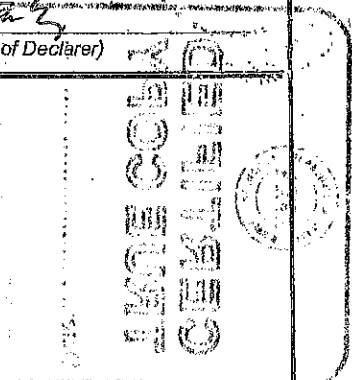
To the best of my knowledge and belief, the application meets the requirements of the *Technical Standards and Safety Act*, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category C

CRN: 001121854

Registered by: Ryan [Signature]

Dated: Apr 25, 2012

NOTE: This registration expires on Dec 19, 2021



TSSA Design Scope

Manufacturer:



Mfg. by Conbraco Industries, Inc.

1418 South Pearl Street
 Pageland, S.C. 29728
 Telephone (704) 847-9191
 Sales Fax (704) 841-6021
 www.apollovalves.com

Category: Category C Apollo Valves 61/62 Series Check Valves

Sizes: 1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", and 3".

(Note: Soft seat only available in sizes 1/4" - 1")

Table 1: 61/62 Series Valve Pressure and Temperature Ratings

Valve Series	Max Temperature, °F	Max Pressure, Psig
61-100, 61LF-100, & 61LF-200	250	400 CWP
61-500, 61-600, & 62-500	250	400 CWP
61-700	180	250
62-100 & 62-500	350	400 CWP & 125 steam

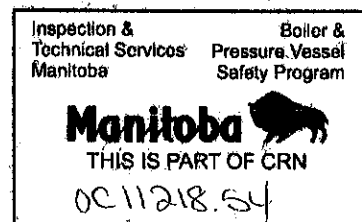


Table 2: Material

<i>61/62 Series Valve Materials</i>
ASTM B584-UNS C84400 Bronze
ASTM B16-UNS C36000 Brass
ASTM A276-316 STAINLESS STEEL
ASTM A351-CF8M STAINLESS STEEL
ASTM B584-UNS C89836 Bronze
ASTM B16-UNS C27450 Brass Bar