

REGISTRATION OF A PRESSURE FITTING DESIGN

23-Feb-23

TSSA
345 Carlingview Drive
Toronto, Ontario
M9W 6N9

Attention: Cecylia Garbacz

File Number: 13504 [0 F]

Re: Manufacturer: Tylok International, Inc.
Item: Ball Valves
Catalog or Drawing: Per Scope of Registration & Design Report R-1766 Rev. 0

TSASK Codes and Standards Compliance has registered the design listed above in accordance with The Boiler and Pressure Vessel Act and Regulations and CSA B51. The Canadian Registration Number (CRN) is:

0C15691.53 Expiry Date: December 21, 2032

Please note that every fitting shall be constructed in strict accordance with the registered design.

Fitting registrations are required to be resubmitted for validation after ten (10) years from the registration date in accordance with CSA B51, Clause 4.2.1.

Should you require anything further, please do not hesitate to contact the Codes and Standards Compliance Office at your convenience.

Yours truly,



Athan Syrgiannis, P.Eng.
Codes and Standards Compliance

Remarks:

A valid quality control program must be maintained at the production facility for the fitting registration to remain valid until the expiry date.

CRN renewal - previously registered in Saskatchewan through CSA.

Conditional upon compliance with the notes on the original TSSA registration.

Statutory Declaration (Registration of Fittings)

TSK-1008

I. Declaration Information

I, Luke DiFranco,
Engineer
(company title, e.g. vice president, plant manager, chief engineer)
(must be in a position of authority in the manufacturing plant where the fitting is produced)

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.



of: Tylok International, Inc.
(name of manufacturer)

located at: 1061 East 260th St., Euclid, Ohio, USA 44132-2877
(Plant Address – Apt/Street) (City,Prov) (Postal Code)

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

- Comply with the requirements of ASME B31.1, B31.3 which specifies the dimensions, Materials of construction, pressure / temperature ratings and identification marking of the fittings, or
(title of recognized North American Standard)
- Are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with _____ as supported by the attached data which identifies the dimensions, materials of construction, pressure / temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacturer of these fittings is controlled by a quality control program which has been verified by the following authority, ISO 9001: 2015 SAI GLOBAL as being suitable for the manufacturer of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are CATEGORY C - SERIES GP BALL VALVES

In support of this application, the following information, calculations and / or test data are attached:
SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS

II. Declaration

DECLARED before me at 1061 East 260th St. In the Cuyahoga County of Cuyahoga
this 30th day of September, 2022

Luke DiFranco
(print name)

Elizabeth Kirby
(Signature of Commissioner of Oaths)



Elizabeth Kirby
Notary Public, State of Ohio
My Commission Expires
September 8, 2027

III. Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the **Boiler and Pressure Vessel Safety Act** and CSA B51, Clause 4.2, and is accepted for registration in Category _____

Technical Safety Authority of Saskatchewan

Registration No. OC15691.53

File No. 13504

Registered

Date: February 23, 2023

Expiry Date: December 21, 2032

Codes & Standards Compliance Office

(Date Registered – MM DD YYYY) (Expiry Date – MM DD YYYY)
(For the Administrator / Chief Inspector)



SCOPE OF CRN REGISTRATION

Product Description	Design Code	Material Specification	Process Connection		Part Series	MAWP at MAWT (psig at °F)	MDMT (°F)	Report Number
			Type	Size				
GP Ball Valves	ASME B31.1, ASME B31.3	Stainless Steel ASTM A351-CF8M, ASTM A479-316	Tube End CBC-Lok	1/4"	SS-GP4	2000 psig at 100°F, 100 psig at 400°F	- 325°F	R-1766 Rev. 0
				3/8"	SS-GP6			
				1/2"	SS-GP8			
				3/4"	SS-GP12			
				1"	SS-GP16			
			Tube End CS-Lok	1/4"	SS-GP4			
				3/8"	SS-GP6			
				1/2"	SS-GP8			
				3/4"	SS-GP12			
				1"	SS-GP16			
			Female NPT	1/4"	SS-GP4			
				3/8"	SS-GP6			
				1/2"	SS-GP8			
			Male NPT	1/4"	SS-GP4			
				3/8"	SS-GP6			
				1/2"	SS-GP8			



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 may be limited by seal materials or other considerations. Please consult Tylok literature.

Note 3: When installed using the tube end process connections CBC-Lok or CS-Lok the pressure-temperature ratings may be limited by the tube pressure-temperature ratings used in the installation.

Note 4: For low temperature operation the products shall conform to the rules of the applicable codes under which they are used.