



345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel.: 416.734.3300
Fax: 416.231.1626
Toll Free: 1.877.682.8772

www.tssa.org

August 19, 2022

ROUND ENGINEERING INC
10 SEGWUN RD
WATERDOWN ON L8B 0K6

Workorder Type: Registration - Fitting(Conventional)
Workorder No: 8160590
Your Reference No.: R-1549 - 0C15028.5 RENEWAL - NATIONAL SERVICE
Registered to: TYLOK INTERNATIONAL INC

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 : 0C15028.5R1
Main Design No.: See Attached Document: Scope of Registration
Expiry Date: Aug 19, 2032

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

Renewal of CRN 0C15028.5 with the following changes: a) Brass excluded from materials of construction b) Design Pressure & Temperature ratings increased per scope document

The stamped copy of the approved registration and the invoice are mailed separately (There will be no hard copies for electronic submissions). Should you have any questions or require further assistance, 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,

Shreyas Madhuranath M.Eng, P.Eng
Engineer, BPV



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www.tssa.org

Tel. : +1 416-734-3212
Email : smadhuranath@tssa.org



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 Toronto, Ontario M9W 6N9
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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, Luke DiFranco, Engineer
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Tylok International, Inc.
(Name of Manufacturer)

Located at 1061 East 260th St., Euclid, Ohio, 44132-2877 216-261-7310 216-261-7317
(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, B31.1

(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 9001:2015 which has been verified by the following authority, SAI GLOBAL.

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

SCOPE OF CRN REGISTRATION, REPORTS, DRAWINGS, CALCULATIONS
(drawings, calculations, test reports, etc.)

Declared before me at 5900 Som Center Rd Willoughby OHIO 44094 in the County Willoughby of Lake
 the 17th day of June AD 2022.

Commissioner for Oaths:

Ana Geiger-Dugandzic
(Printed name)

Ana Geiger-Dugandzic
(Signature)



ANA GEIGER-DUGANDZIC
 NOTARY PUBLIC • STATE OF OHIO
 Commission No. 2016-RE-601705
 My Commission Expires Aug. 15, 2026

Luke DiFranco
(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: _____

Registered by: _____

Dated: _____

Technical Standards and Safety Authority Boilers and Pressure Vessels Safety Program

REGISTERED

C.R.N.: 0C15028.5R1

Signed: [Signature]

Date: August 19, 2022.

* Please see additional notes on the design registration letter

NOTE: This registration expires on: Aug 19, 2032

**Information provided in this application is releasable under the Freedom of Information and Privacy Protection Act and may be disclosed upon request.*

TYLOK INTERNATIONAL, INC.

1061 EAST 260TH ST.,
EUCLID, OHIO,
44132-2877, USA



THIS IS PART OF CRN
0C15028.5R1
Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety
Program

09-Jun-22

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SCOPE OF CRN REGISTRATION

Product Description	Design Code	Material Specification	Available Process Connection Types	Available Body Sizes	Available Port Sizes	MAWP at MAWT (psig at °F)	MDMT (°F)	Report Number
High Pressure Ball Valves	ASME B31.1, ASME B31.3	Stainless Steel ASTM A351-CF8M, ASTM A479-316	Tube End CBC-Lok, CS-Lok, Tylok Std, NPT	Series 4	1/8", 1/4", 3/8"	6000 psig at 400°F	- 325°F	R-1549A Rev. 0
				Series 6	1/4", 3/8", 1/2"	5600 psig at 400°F		
				Series 8	3/8", 1/2", 5/8", 3/4"	5600 psig at 400°F		
Plug Valves	ASME B31.1, ASME B31.3	Stainless Steel ASTM A479-316	Tube End CBC-Lok, CS-Lok, Tylok Std, NPT	Series P4	1/8", 1/4", 3/8"	3000 psig at 400°F	- 325°F	R-1549B Rev. 0
				Series P6	1/4", 3/8", 1/2"	3000 psig at 400°F		

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, CS-Lok or Tylok Standard 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.