ABSA
the pressure equipment safety authority

9410 - 20 Ave N.W.
Edmonton, Alberta, Canada T6N 0A4
Tel: (780) 437-9100 / Fax: (780) 437-7787

March 12, 2026

Attention: Cecylia Garbacz
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO, ON M9W 6N9

The design submission, Tracking Number 2025-07312, Web Portal Number 2025-S5897, originally received on November 13, 2025 was surveyed and accepted for registration as follows:

CRN : 0A26063.2 **Accepted on:** March 12, 2026

Reg Type: NEW DESIGN **Expiry Date:** March 12, 2036

Document No. Scope of Registration(03-Mar-26) Page 1 to 4 As Noted

Fitting type: Tylok Standard 4 Seal Tube Fitting

Design registered in the name of : TYLOK INTERNATIONAL INC

The registration is conditional on your compliance with the following notes:

As indicated on AB-41 Statutory Declaration or AB-351 Declaration of Conformity form and submitted documentation, the code of construction are ASME B31.1 and ASME B31.3.

- It is our understanding that the fitting(s), included as the scope of this submission, that is(are) subject to the Safety Codes Act shall comply with the requirements of the indicated Standard or Code of Construction on the AB-41 Statutory Declaration or AB-351 Declaration of Conformity as supported by the attached data which identifies the dimensions, materials of construction, press./temp. ratings and the basis for such ratings, and the identification marking of the fittings.
- 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 or AB-351 Declaration of Conformity 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, and maintains a valid Certification of Authorization Permit if required by the jurisdiction where manufacturing takes place, 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.

If you have any questions don't hesitate to contact me by phone at (587) 686-9349 or fax (780) 437-7787 or e-mail Wangi@absa.ca.

Sincerely,

WANG, IAN, P. Eng.
DOP Cert. No. D00009643

Alberta Government

the pressure equipment safety authority

AB-41 2024-03

STATUTORY DECLARATION
Registration of Fittings
Single or Multiple Fitting Designs within one Fitting Category

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

I, Luke DiFranco (name of applicant), Engineer (position title) (must be in a position of authority)

of Tylok International, Inc. (name of manufacturer)

located at 26000 Lakeland Boulevard, Euclid, OH, 44132, USA (plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (select only one)

☑ comply with the requirements of ASME B31.3, B31.1 (title of recognized North American Standard) which specifies the dimensions, materials of construction, pressure/temperature ratings and identification marking of the fittings, or

☐ are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with _____ (title of code of construction or other applicable document) as supported by the attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the identification marking of the fittings.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified as described in the below Table as being suitable for the manufacturing of these fittings to the stated standard, regulation, code, guideline or other applicable document. The fittings covered by the declaration for which I seek registration are as provided in the Supplementary Sheet(s) attached.

Quality Program Verification and Manufacturing Sites

A copy of the Quality Certificate from each manufacturing site must be included

Item #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address
1.	Tube Fittings	ISO 9001:2015	Design and Manufacture	2027-07-01	SCB	Central, Site 1,2,3,4 Euclid, OH, USA
2.						

Tracking #: 2025-07312

In support of this application, the following information, calculations and/or test data are attached:

Scope of CRN Registration, Reports, Drawings, Calculations

(Signature of the Declarer) 1/28/2025 (Date)

DECLARED before me at Euclid (city) in the State of Ohio (province, territory, or state)

this 28th day of January (Month), 2025 (Year)

(print) Elizabeth Kirby (a Commissioner of Oaths or Notary Public)

(sign) Elizabeth Kirby (a Commissioner of Oaths or Notary Public)

09/08/27 (expiry date (mm/dd/yy))

NOTARY PUBLIC STATE OF OHIO

ELIZABETH KIRBY
Notary Public, State of Ohio
My Commission Expires
September 8, 2027

Commissioner of Oaths / Notary Public in and for: State of Ohio (province, territory, or state)

For ABSA Office Use Only:

NOTES:

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Part 1, Clause 4.2, and is accepted for registration in Category _____.

CRN: _____

Registered Date: _____

Expiry Date: March 12, 2036

Signature: _____
(Signature of the Administrator/SCO)

The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Pressure Equipment Discipline

2025-07312

ABSA

SAFETY CODES ACT - PROVINCE OF ALBERTA

ACCEPTED: 0A26063.2

See acceptance letter for conditions of registration.

Date: 2026-03-12 By:

IAN WANG, P. Eng.
DOP: D00009643

This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.

Tracking #: 2025-07312

TYLOK INTERNATIONAL, INC.
26000 LAKELAND BOULEVARD,
EUCLID, OH,
44132, USA

SCOPE OF CRN REGISTRATION

Design Report	R-2175C Rev. 1				
Product Description	**Tylok Standard 4 Seal Tube Fitting Product Families**				
Instrumentation Tube Fittings	1ATANF, 1ATPF, 1ATPM, 1BHA, 1BHFP, 1BHMP, 1BHU, 1BUANF, 1CAP, 1F PLUG 1FC, 1MC, 1MC-ORS, 1MC-ORT, 1PCU, 1RATT, 1RPC, 1RU, 1TBW, 1TSW, 1U, 1UANF 2ELU, 2FE, 2ME, 2TBWE, 2TSWE, 3TFT, 3TMT, 3TTF, 3TTM, 3TTT, 4CR				
Design Code	**Available Material of Construction**	**Tylok Size**	**Tube Size**	**ASME B31.3 MAWP at 100°F (psig)**	**ASME B31.1 MAWP at 100°F (psig)**
ASME B31.3, ASME B31.1	Stainless Steel ASTM A479-316/316L, ASTM A182-F316/316L	2	1/8"	10900	10900
		3	3/16"	10200	10200
		4	1/4"	10200	10200
		5	5/16"	8000	8000
		6	3/8"	6500	6500
		8	1/2"	6700	6700
		ASTM A479-316/316L MDMT = -425°F ASTM A182-F316/316L MDMT = -425°F			
	Steel ASTM A105	2	1/8"	10200	8700
		3	3/16"	9600	8200
		4	1/4"	9600	8200
		5	5/16"	7600	6400
		6	3/8"	6200	5300
		8	1/2"	5900	5000
		ASTM A105 MDMT = -20°F			
	Brass ASTM B16-C36000, ASTM B283-C37700	2	1/8"	3600	3600
		3	3/16"	3400	3400
		4	1/4"	3500	3500
		5	5/16"	2700	2700
		6	3/8"	2200	2200
		8	1/2"	2100	2100
		ASTM B16-C36000 MDMT = 68°F ASTM B283-C37700 MDMT = -325°F			

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

Note 2: For low temperature operation the products shall conform to the rules of the applicable codes under which they are used.

Note 3: The tube fitting maximum allowable working pressure shown is the tube fitting maximum allowable working pressure at 100°F for fittings with tube end process connections. See **Note 6** for fittings supplied with MNPT of FNPT process connections. See **Note 7** for elevated temperature derating factors to be used when the temperature exceeds 100°F.

SCOPE OF CRN REGISTRATION CONTINUED

Note 4: The tube fitting maximum allowable working pressure may be limited by the strength of the tube material that the fittings are installed on. The pressure ratings shown are for fittings installed on the following tube materials:

ASME B31.3 Code
- Stainless Steel pressure ratings based on Tylok calculated ASTM A213 and ASTM A269 Tube ratings using an ASME B31.3 allowable stress equal to 20,000 psig
- Carbon Steel pressure ratings based on Tylok calculated ASTM A179 Tube ratings using an ASME B31.3 allowable stress equal to 15,700 psig
- Brass pressure ratings based on Tylok calculated ASTM B75 Temper O Tube ratings using an ASME B31.3 allowable stress equal to 6000 psig

ASME B31.1 Code
- Stainless Steel pressure ratings based on Tylok calculated ASTM A213 Tube ratings using an ASME B31.1 allowable stress equal to 20,000 psig
- Carbon Steel pressure ratings based on Tylok calculated ASTM A179 Tube ratings using an ASME B31.1 allowable stress equal to 13,400 psig
- Brass pressure ratings based on Tylok calculated ASTM B75 Temper O Tube ratings using an ASME B31.1 allowable stress equal to 6000 psig

Note 5: The tube fitting maximum allowable working pressure may be limited by the thickness of the tube material that the fittings are installed on. The pressure ratings shown are for fittings installed on the following tube thickness:

Tube Size	Tube Thk. in.
2 (1/8")	0.035
3 (3/16")	0.049
4 (1/4")	0.065
5 (5/16")	0.065
6 (3/8")	0.065
8 (1/2")	0.083

SCOPE OF CRN REGISTRATION CONTINUED

Note 6: Tube fittings shall be limited to the following maximum allowable working pressures when the fitting is supplied with a MNPT or a FNPT process connection.

MNPT End Maximum Pressure - Temperature Ratings			
Size	**Stainless Steel** MAWP at 100°F, psig	**Carbon Steel** MAWP at 100°F, psig	**Brass** MAWP at 100°F, psig
2 (1/8")	10100	10100	5000
4 (1/4")	8000	8000	4000
6 (3/8")	7800	7800	3900
8 (1/2")	7700	7700	3800

FNPT End Maximum Pressure - Temperature Ratings			
Size	**Stainless Steel** MAWP at 100°F, psig	**Carbon Steel** MAWP at 100°F, psig	**Brass** MAWP at 100°F, psig
2 (1/8")	6500	6500	3200
4 (1/4")	6600	6600	3300
6 (3/8")	5300	5300	2600
8 (1/2")	4900	4900	2400

SCOPE OF CRN REGISTRATION CONTINUED

Note 7: When used at elevated temperatures the following Pressure Derating Factors apply to the tube fittings. The Pressure Deratings Factor for the tube the fittings are installed on is depended on the tube material. It is the responsibility of the end user to determine the tube pressure-temperature ratings as this is depended on the tube material and tube thickness. Reference the Tylok catalog for guidance.

Stainless Steel: ASTM A479-316/316L, ASTM A182-F316/316L

Temperature (°F)	Derating Factor
100	1.000
200	1.000
300	1.000
400	0.965
500	0.895
600	0.850
650	0.830
700	0.815
750	0.805
800	0.795
850	0.785
900	0.775
950	0.770
1000	0.765

Example:
Part # SS-2-1MC-2 constructed from stainless steel has a pressure rating at 100°F equal to 10,100 psig. To determine the fitting pressure ratings at 500°F locate the Derating Factor for stainless steel from the charts. This factor is determined to be 0.895. Therefore, the pressure rating of Part # SS-2-1MC-2 at 500°F is equal to 10,100 x 0.895 = 9040 psig.

2025-07312
ABSA
SAFETY CODES ACT - PROVINCE OF ALBERTA
ACCEPTED: 0A26063.2
See acceptance letter for conditions of registration.
Date: 2026-03-12 By:
IAN WANG, P. Eng.
DOP: D00009643

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Brass: ASTM B16-C36000, ASTM B283-C37700

Temperature (°F)	Derating Factor
100	1.000
150	0.940
200	0.900
250	0.870
300	0.830
350	0.750
400	0.200

Steel: ASTM A105

Temperature (°F)	Derating Factor
100	1.000
200	1.000
250	1.000

Note 8: When used under the ASME B31.1 code ASTM B283-C37700 is limited to 200°F maximum.

Note 9: See Attached ISO certificate for applicable manufacturing locations.

SCB
SYSTEMS CERTIFICATION BODY
AN IAPMO COMPANY

QUALITY MANAGEMENT SYSTEM CERTIFICATE

This certifies that the quality system of

Tylok International, Inc.

26000 Lakeland Boulevard, Euclid, OH 44132, USA

is registered by IAPMO SCB in recognition of a
Quality Management System, which fulfills the requirements of

ISO 9001:2015

Scope of Registration

Design and manufacture fittings, valves, and other fluid system components related to tube, pipe, and hose for domestic and global partners.

Certificate No: 1117996

Certificate Decision/Re-Issue Date:	06/04/2024
Certificate Issue Date:	07/02/2024
Certificate Expiry:	07/01/2027
Site Structure:	Multiple Sites

SHIRLEY DEWI, SR. VICE PRESIDENT OF
MANAGEMENT SYSTEM REGISTRATION SERVICES

909.230.5526 | WWW.IAPMOSCB.ORG
5001 E. PHILADELPHIA ST, ONTARIO, CA 91761-2816

ANAB
ANSI National Accreditation Board
ACCREDITED
ISO/IEC 17021-1
MANAGEMENT SYSTEMS CERTIFICATION BODY

CERTIFIED BY
SCB
ISO 9001

QUALITY MANAGEMENT SYSTEM CERTIFICATE

Appendix to Certificate No: 1117996

Includes Facilities Located At (Multiple Sites):

Central Function: Tylok International, Inc.
26000 Lakeland Boulevard, Euclid, OH 44132, USA
Scope of Registration: *Company headquarters with management responsibility and authority for the Quality Management System, administration, strategic planning, strategic sourcing, continual improvement, communication processes, resource allocation, and training & development. Support activities at this location include quoting & ordering, customer & technical servicing, procuring, scheduling, designing, and product support engineering for Tylok products.*

Site #1: Tylok International, Inc.
26260 Lakeland Boulevard, Euclid, OH, 44132 USA
Scope of Registration: *The primary activities at this location include component manufacturing of Tylok products.*

Site #2: Tylok International, Inc.
1055 East 260th Street, Euclid, OH, 44132 USA
Scope of Registration: *Storage of yard equipment.*

Site #3: Tylok International, Inc.
1061 East 260th Street, Euclid, OH, 44132 USA
Scope of Registration: *The primary activities at this location include receiving, assembling, stocking, and distributing Tylok products.*

Site #4: Tylok International, Inc.
1071-1081 East 260th Street, Euclid, OH, 44132 USA
Scope of Registration: *The primary activities at this location include component manufacturing of Tylok products.*

Certificate Decision/Re-Issue Date:	06/04/2024
Certificate Issue Date:	07/02/2024
Certificate Expiry:	07/01/2027
Site Structure:	Multiple Sites