

Montréal, 26 mars 2025.

CECYLIA GARBACZ
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO ONTARIO
CANADA M9W 6N9

Fabricant : TRI-CANADA INDUSTRIES LTD
1000 EDGELEY BLVD #2
VAUGHAN ONTARIO
CANADA L4K 4V4

Numéro de dossier : 942376
Numéro(s) de dessin(s) : Scope of Registration (6 January 2024)
0D9034.5ADD5

Objet : Enregistrement des plans et devis – Confirmation de l'enregistrement

Bonjour,

Nous vous informons que votre demande d'enregistrement de plans et devis a été traitée et que cette conception a été enregistrée sous le numéro d'enregistrement canadien (NEC\CRN) suivant : **0D09034.56**.

Nous portons votre attention sur certaines exigences réglementaires concernant les installations sous pression, ainsi que des codes et normes qui y sont associés :

- Le fabricant doit maintenir un programme de contrôle de la qualité valide pour fabriquer un équipement selon ce NEC;
- Ce numéro d'enregistrement demeure valide tant et aussi longtemps que les paramètres de conception demeurent inchangés. Dans le cas d'accessoires, l'enregistrement est valide pour une durée de 10 ans à partir de la date d'enregistrement. Les documents de conception doivent alors être resoumis pour validation;
- Le fabricant doit nous transmettre une copie de la *Déclaration de conformité du constructeur (Manufacturer's Data Report)* pour chaque appareil ou chaudière fabriqué selon ce NEC dans les 30 jours suivant la signature de cette déclaration;
- Le numéro de dessin enregistré et le numéro de révision doivent être indiqués sur la déclaration de conformité pour les équipements fabriqués selon ce NEC.

Le présent avis d'approbation ne dégage pas le fabricant de ses responsabilités quant à la conception ou à la construction des équipements ou d'accessoires fabriqués selon un NEC.

Salutations distinguées,

Bureau d'expertise et d'homologation en équipements sous pression

Montréal

255, boul. Crémazie Est, 2ième étage
Montréal (Québec) H2M 1L5
Téléphone : 514 873-2546
Sans frais : 1 866 262-2084
enregistrementdesplans@rbq.gouv.qc.ca
www.rbq.gouv.qc.ca

Montréal, le 26 mars 2025.

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Manufacturer : TRI-CANADA INDUSTRIES LTD
1000 EDGELEY BLVD #2
VAUGHAN ONTARIO
CANADA L4K 4V4

OUR REFERENCE : 942376
Design number : Scope of Registration (6 January 2024)
0D9034.5ADD5

Subject: Design registration confirmation

Hi,

We wish to inform you that your design registration application has been evaluated and that it was registered under the following Canadian Registration Number (CRN): **0D09034.56.**

The following is a reminder of your obligations regarding certain requirements of the regulation respecting pressure vessels, and the referenced codes and standards:

- The manufacturer must maintain a valid quality control program to manufacture equipment according to the CRN.
- The CRN remains valid as long as there are no changes to the design calculations that might affect the pressure boundary. The design registration of fittings expires 10 years after acceptance. It must, therefore, be resubmitted for validation.
- The manufacturer shall submit a copy of the *Manufacturer's Data Report* to us for each boiler or pressure vessel manufactured according to this CRN within 30 days following the signing of this report.
- The drawing number and the revision number registered under this CRN must be indicated on the *Manufacturer's Data Report* for equipment manufactured according to the CRN.

This notice of approval does not relieve the manufacturer of their responsibilities with respect to the design or fabrication of equipment manufactured according to this CRN.

Yours sincerely,

Bureau d'expertise et d'homologation en équipements sous pression

Montréal

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TSSA
345 Carlingview Drive
Toronto, ON M9W 6N9



January 6, 2025

Re: Modification of existing CRN OD9034.5R4. Dated July 24, 2024. Expires July 24, 2034

Our aspects of the design and scope of this renewal are identical to our registration of OD9034.5R4 as issued by TSSA on July 24, 2024, the only change is location of our facility.

The following documents are enclosed with this cover letter.

- Completed application request for a Canadian Registration Number (CRN) in multiple jurisdictions for fittings D expansion joints/flexible connections/hose assemblies.
- Certificate number QA-00498
- Quality Control Manual for current address approved on Dec 27, 2024, expires on Oct 16, 2028
- Signed and notarized TSSA Statutory declaration form
- Two original, signed and notarized copies of Uniform Statutory Declaration Form for the Registration of Fitting Design
- Scope of registration with new address
- Hose Component Part Numbers
- Versilon fitting diagrams
- CRN Proof Test Pressure Calculation for hose assemblies Dated July 3, 2018
- Payment receipt for previous incorrect application Receipt #
MASTERCARDPP-2024-09-15-004

Upon receipt and consideration of the above, please direct any questions to my email address sue@tricanada.com or please call 905-677-9000

Regards,

Sue Abaza
Vice President
Quality Control Manager



Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9
www.tssa.org

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, Sue Abaza, Vice President Sales / Quality Control Manager

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

of Tri-Canada Industries Ltd

(Name of Manufacturer)

Located at 1000 Edgeley Blvd #2, Vaughan, ON, L4K 4V4

(Plant Address)

905-677-9000

(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
CSA B51 + Rubber Manufacturers Association Handbook

(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 Tri-Canada Quality Control which has been verified by the following authority, Technical Standards + Safety Authority (TSSA).

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

Updated scope of registration dated for CRN OD9034.5R4

(drawings, calculations, test reports, etc.)

Declared before me at the city of Vaughan in the province of Ontario
the 3rd day of January AD 2025.

Commissioner for Oaths:

Khuram Danial
(Printed name)

(Signature)

Sue Abaza
(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: _____



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



Tri-Canada Industries Ltd
1000 Edgeley Blvd #2
Vaughan, Ontario, L4K 4V4

6 January 2024

Scope of Registration Tri-Canada CRN OD9034.5R4

Description	Sizes	End Connections	Liquid, Air & Gas Service MAWP at RT	Max Temp
Pharmaline-N	1/2", 5/8", 3/4", 1", 1-1/4", 1-1/2", 2"	Tri-Clamp, Male NPT, Female JIC	230 psig	150 °C
WCS	3/8", 1/2", 5/8", 3/4", 1", 1-1/4", 1-1/2", 2"	Tri-Clamp, Male NPT, Female JIC	250 psig	230 °C
FGR	1/2", 3/4", 1", 1-1/2", 2"	Tri-Clamp, Male NPT	250 psig	121 °C
FGR	2-1/2", 3"	Tri-Clamp, Male NPT	150 psig	121 °C
TS	3/8"	Compression, Male NPT	250 psig	260 °C
Gates Stallion	2"	Tri-Clamp, Female JP/Nut	190 psig	149 °C
TLCT	1/2", 3/4", 1", 1-1/4", 1-1/2"	Tri-Clamp, Male NPT	250 psig	177 °C
TLCT	2", 2-1/2"	Tri-Clamp	200 psig	177 °C
Pure-Fit SBP	1/2"	Tri-Clamp, Male NPT	95 psig	260 °C
Pure-Fit SBP	3/4"	Tri-Clamp	75 psig	260 °C

Description	Sizes	End Connections	Liquid, Air & Gas Service MAWP at RT	Max Temp
Pure-Fit SBP	1"	Tri-Clamp, Male NPT	55 psig	260 °C
RubberFab RFRT	1/2", 3/4", 1", 1-1/2", 2"	Tri-Clamp, Male NPT	250 psig	149 °C
RubberFab RFRT	3"	Tri-Clamp	200 psig	149 °C
RubberFab RFSB	1/2"	Tri-Clamp	105 psig	195 °C
RubberFab RFSB	3/4"	Tri-Clamp, Male NPT	90 psig	195 °C
RubberFab RFSB	1"	Tri-Clamp, Male NPT	60 psig	195 °C
RubberFab RFCTL P	1/2", 3/4", 1", 1-1/2", 2"	Tri-Clamp, Male NPT	250 psig	177 °C