

CRN Numbers Overview

Canadian Registration Numbers – Approvals for Pipe Fittings and Flanges

Registered Company: Nirotec GmbH & Co. KG · Otto-Hahn-Str. 4 · 59423 Unna · Germany

Products Covered: Pipe Fittings (Elbows, Tees, Reducers, Caps) · Flanges

Standard Basis: ASME B16.9 (Fittings) · ASME B16.5 / B16.36 / B16.47 (Flanges)

Provinces: Alberta (AB) · Ontario (ON) · Québec (QC) · Manitoba (MB)

Validity: All CRNs valid until April 2032 or December 2032 respectively

Doc. No. / Rev.: CRN-OVW-001 / 01 · Status: 2022

1 What is a CRN?

A Canadian Registration Number (CRN) is a mandatory government registration for pressure-retaining components such as pipe fittings and flanges used in Canada. Each province issues its own CRN numbers based on the Canadian Pressure Vessel Safety Code (ASME-based).

Without a valid CRN, these components may not be used in pressure-bearing systems in the respective Canadian provinces. Nirotec holds valid CRN registrations for Canada's major industrial provinces.

Province	Code	CRN Prefix	Relevance
Alberta	AB	0A... / 0B...	Oil & Gas region – CRN mandatory for all pressure components
Ontario	ON	0A... / 0B...	Largest industrial province – broad project coverage
Québec	QC	0A...	Own authority (RBQ) – separate registration required
Manitoba	MB	0A... / 0B...	Major industrial province with own CRN register

2 Alberta (AB)

Nirotec holds two separate CRN registrations for Alberta – one for pipe fittings and one for flanges.

Alberta			Pipe Fittings
CRN:	0A11919.2	Registration Type:	RENEWAL
Accepted on:	April 11, 2022	Expiry Date:	April 11, 2032
Scope / Drawing:	Table 2 page 3 of 3 AB-41 & Nirotec Catalogue As Noted		
Fitting type: 1/2" – 48" ELBOWS, TEES, ECC./CONC. REDUCER & CAPS · Registration is based on the understanding that the fittings are in full compliance with ASME B16.9 including size, thickness and material.			

Alberta			Flanges
CRN:	0B22806.2	Registration Type:	NEW DESIGN
Accepted on:	December 7, 2022	Expiry Date:	December 7, 2032
Scope / Drawing:	Catalogue NIROTEC As Noted		
Fitting type: Flanges · Registration based on full compliance with ASME B16.5, B16.36, B16.47. CRN covers only flanges made of listed materials and fabricated to dimensions and ratings listed in these standards.			

Supplementary Registrations – Ontario Scope ("Part of CRN")

In addition to the main Alberta registrations, the following "Part of CRN" entries for Ontario were issued covering the same scope:

CRN	Product	Main Design No.	Expiry Date	Note
0A11919.25R1	Fittings	CRN scope "Part of CRN"	April 11, 2032	Quality control system must be maintained
0B22806.25	Flanges	CRN scope "Part of CRN"	Dec. 7, 2032	Quality control system must be maintained

3 Ontario (ON)

Ontario holds independent CRN registrations for pipe fittings and flanges with the same standard basis.

Ontario			Pipe Fittings
CRN:	0A11919.2	Registration Type:	RENEWAL
Accepted on:	April 11, 2022	Expiry Date:	April 11, 2032
Scope / Drawing:	Table 2 page 3 of 3 AB-41 & Nirotec Catalogue As Noted		
Fitting type: 1/2" – 48" ELBOWS, TEES, ECC./CONC. REDUCER & CAPS · Full compliance with ASME B16.9 including size, thickness and material required.			

Ontario			Flanges
CRN:	0B22806.2	Registration Type:	NEW DESIGN
Accepted on:	December 7, 2022	Expiry Date:	December 7, 2032
Scope / Drawing:	Catalogue NIROTEC As Noted		
Fitting type: Flanges · Full compliance with ASME B16.5, B16.36, B16.47 required.			

4 Québec (QC)

Québec has its own regulatory authority (Régie du bâtiment du Québec, RBQ) and issues separate CRN numbers. Nirotec has been registered via Design Registration Confirmation for the following numbers:

Québec			Pipe Fittings
CRN:	0A11919.26	Registration Type:	Design Registration Confirmation
Accepted on:	–	Expiry Date:	April 2032
Scope / Drawing:	Design registration application evaluated and registered under CRN 0A11919.26		
Québec: Separate registration by RBQ (Régie du bâtiment du Québec).			

Québec			Flanges
CRN:	0B22806.26	Registration Type:	Design Registration Confirmation
Accepted on:	—	Expiry Date:	December 2032
Scope / Drawing:	Design registration application evaluated and registered under CRN 0B22806.26		
Québec: Separate registration by RBQ (Régie du bâtiment du Québec).			

5 Manitoba (MB)

The following registrations are held for Manitoba:

Manitoba			Pipe Fittings
CRN:	0A11919.24	Registration Type:	Registered
Accepted on:	–	Expiry Date:	April 11, 2032
Scope / Drawing:	Table 2 page 3 of 3 AB-41 & Nirotec Catalogue As Noted		
File Number: 74-R3579 · Manufacturer: NIROTEC GMBH & CO KG			

Manitoba			Flanges
CRN:	0B22806.24	Registration Type:	Registered
Accepted on:	–	Expiry Date:	December 7, 2032
Scope / Drawing:	Catalogue NIROTEC As Noted		
File Number: 74-R3580 · Manufacturer: NIROTEC GMBH & CO KG			

6 Complete CRN Overview

The following table summarises all valid Nirotec CRN registrations at a glance:

Province	Product	CRN Number	Type	Valid Until
Alberta (AB)	Fittings (1/2–48")	0A11919.2	RENEWAL	April 11, 2032
Alberta (AB)	Flanges	0B22806.2	NEW DESIGN	Dec. 7, 2032
Alberta (AB)	Fittings – Part	0A11919.25R1	Part of CRN	April 11, 2032
Alberta (AB)	Flanges – Part	0B22806.25	Part of CRN	Dec. 7, 2032
Ontario (ON)	Fittings (1/2–48")	0A11919.2	RENEWAL	April 11, 2032
Ontario (ON)	Flanges	0B22806.2	NEW DESIGN	Dec. 7, 2032
Québec (QC)	Fittings	0A11919.26	Reg. Confirmation	April 2032
Québec (QC)	Flanges	0B22806.26	Reg. Confirmation	December 2032
Manitoba (MB)	Fittings	0A11919.24	Registered	April 11, 2032
Manitoba (MB)	Flanges	0B22806.24	Registered	Dec. 7, 2032

7 Important Notes on Usage

Topic	Note
ASME Compliance	All CRNs are valid only for products in full compliance with ASME B16.9 (Fittings) and ASME B16.5 / B16.36 / B16.47 (Flanges) – including dimensions, wall thicknesses and materials.
Quality System	A valid quality control system must be maintained for the full term of the registration. Nirotec is certified to ISO 9001.
Province-Specific Use	CRN numbers are always valid only for the issuing province. For cross-provincial Canadian projects please specify the province – we will verify coverage.
Drawing Reference	Fittings: Table 2 page 3 of 3 AB-41 & Nirotec Catalogue As Noted · Flanges: Catalogue NIROTEC As Noted
Currency	This document status: 2022. For projects extending beyond 2032 please enquire about renewal in good time.

8 Contact

For project-specific CRN inquiries, scope confirmation or technical questions:

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Information based on official CRN confirmation letters issued by Canadian provincial authorities. The original registration documents are authoritative.