

# Certification Protocol



BNQ 3311-910/2011

Corrugated Steel Pipes – Certification Protocol





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Corrugated Steel Pipes – Certification Protocol

*Tuyaux en tôle d'acier ondulée – Protocole de certification*

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## NOTICE

### UNDERSTANDING OF THE NOTION OF EDITION

It is important to note that this edition implicitly includes all the amendments and errata that might eventually be developed, and published separately. It is the responsibility of the users of this document to verify if any amendments or errata exist.

### INTERPRETATION

The verb **shall** is used to express a requirement that is mandatory in order to comply with this document.

The verb **should**, or the equivalent expressions **it is recommended that** and **ought to**, are used to indicate a useful, but not mandatory, suggestion, or to provide the most appropriate means of complying with this document.

Except for the notes presented as **normative notes** that contain mandatory requirements and are stated only in the lower part of figures and tables, all other **notes** are **informative** (non-mandatory) and provide useful information pertaining to the understanding or intent of a requirement, or to add some clarification or precision.

**Normative annexes** provide additional requirements that are mandatory in order to comply with this document.

**Informative annexes** provide additional information (non-mandatory) intended to assist in the understanding or use of elements of this document or to clarify its implementation, but they contain no requirements that are mandatory in order to comply with this document.

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## FOREWORD

This document was prepared in consultation with a Certification Protocol Development Committee on corrugated steel pipes, whose members were:

ABESQUE, Charles	Association des constructeurs de routes et grands travaux du Québec (ACRGTQ)
BARIL, Jean-François	Industries Atlantic ltée
BERGERON, Benoit	Ministère des Transports du Québec (MTQ)
DIEZ, Carl	Soleno inc. (ICPC)
LEBLANC, Jonathan	Ministère de l'Agriculture, des Pêcheries et de l'Alimentation du Québec (MAPAQ)
PENNY, David J.	Corrugated Steel Pipe Institute
POIRIER, Stéphane	Armtéc
ROUSSEAU, Bernard	Municipalité d'Yamachiche
VILLENEUVE, Donald	Ministère des Transports du Québec (MTQ)
HOUDE, Benoit (coordinator)	Bureau de normalisation du Québec (BNQ)

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## CORRUGATED STEEL PIPES — CERTIFICATION PROTOCOL

### 1 PURPOSE

The purpose of this document is intended to establish the certification requirements, rules of procedure and marking requirements applying to the certification of corrugated steel pipes according to the requirements of CSA Product Standard G401 (except that structural plates are excluded from the requirements of the certification program).

NOTE — CSA Standard G401 is published in both French and English. In case of incompatibility, the French version prevails.

This document is for manufacturers seeking to have the conformity of their products recognized by the Bureau de normalisation du Québec (BNQ).

### 2 NORMATIVES REFERENCES

In this document, a dated normative reference means that this specific edition shall be used, while a non-dated normative reference means that the last edition of this reference shall be used.

For the purpose of this document, the following reference documents (including any amendment, errata, corrigenda, etc.) contain necessary requirements and are referred to in appropriate places in the text:

**BNQ (Bureau de normalisation du Québec)** [<http://www.bnq.qc.ca>]

BNQ 9902-001

*Product, Process and Service Certification —  
General Rules of Procedure.*  
(Certification de produits, de processus et de services —  
Règles de procédure générales.)

**CSA (Association canadienne de normalisation)** [<http://www.csa.ca/>]

CSA G401

*Corrugated steel pipe products.*  
(Tuyaux en tôle ondulée.)