Certification Protocol



BNQ 2622-951/2012

Reinforced Concrete and Unreinforced Concrete Pipes and Monolithic Lateral Connections, and Precast Reinforced Concrete Sewer Manholes, Catch Basins, Gate Houses and Pumping Stations – Certification Protocol







BNQ 2622-951/2012

Reinforced Concrete and Unreinforced Concrete Pipes and Monolithic Lateral Connections, and Precast Reinforced Concrete Sewer Manholes, Catch Basins, Gate Houses and Pumping Stations – Certification Protocol

Tuyaux et branchements latéraux monolithiques en béton armé et non armé, et regards d'égout, puisards, chambres des vannes et postes de pompage préfabriqués en béton armé – Protocole de certification

ICS: 03.120.20; 23.040.50; 23.040.99; 91.100.30



REQUEST FOR INFORMATION AND PURCHASE

Any request for information or purchase of this document may be sent to the Bureau de normalisation du Québec (BNQ) at 333, rue Franquet, Québec, Québec G1P 4C7

[telephone: 418-652-2238, ext. 2437 or 1-800-386-5114; fax: 418-652-2292;

E-mail: bnqinfo@bnq.qc.ca; Web Site: www.bnq.qc.ca].

REVISION OF BNQ DOCUMENTS

Collaboration from BNQ document users is essential in keeping our documents up to date. Therefore, any suggestion aimed at improving their contents will be appreciated. We ask you to send us your suggestions or comments on the form at the end of this document.

FIRST EDITION — 2012-02-27

This document is published in both French and English. In case of incompatibility, the French version prevails.

The electronic or printed version of this document is for personal use only. Distribution to third parties, partners or clients, as well as saving, distribution or use on a computer network is forbidden without written agreement from the BNQ.

Only purchasers duly registered with BNQ Customer Service will receive document updates. Notifications and the catalogue may be consulted at all times on the BNQ Web site [www.bnq.qc.ca] to verify if a more recent version of a document exists or if amendments or errata have been published.

If a registered purchaser wishes to continue to receive updates, the purchaser must inform BNQ Customer Service of any change of address as soon as possible.

© BNQ, 2012

All rights reserved. Unless otherwise specified, no part of this document may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilming, without written permission from the BNQ.



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.





FOREWORD

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

ABESQUE, Charles Association des constructeurs de routes et grands

travaux du Québec (ACRGTQ)

CAZA, Alain Béton Brunet Itée

CONSTANTIN, Camille Produits de ciment Sherbrooke Itée

CÔTÉ, Jean Association des ingénieurs-conseils du Québec

(AICQ)

LASNIER, Nathalie Tubécon inc.

MARTEL, Stéphane Armtec

OTIS, Marc Béton provincial Itée

PALARDY, Danielle Lafarge Canada Inc.

PHARAND, Jacques Ville de Montréal

POIRIER, Christian Ministère des Transports du Québec (MTQ) —

Direction des structures — Service de la

conception

ROY, Alain Ministère des Affaires municipales, des Régions

et de l'Occupation du territoire (MAMROT)

TALLARD, Robert Lécuyer et fils ltée

CHOUINARD, Dominique Bureau de normalisation du Québec (BNQ)

HOUDE, Benoit (coordinator)

Bureau de normalisation du Québec (BNQ)



The collaboration or the participation of the following people is also worthy of mention:

BROSSARD, Rolland Armtec

JOBIN, André Bureau de normalisation du Québec (BNQ)

LACHANCE, Dany Association des ingénieurs municipaux du

Québec (AIMQ)

LALONDE, Michel Association des ingénieurs-conseils du Québec

(AICQ)

LEBLANC, Raymond Lécuyer et fils ltée

LORD, Isabelle Lafarge Canada Inc.



CONTENTS

			Page
1	PURPOSE		1
2	NORMATIVE REFERENCES		1
3	DÉFINITIONS		2
4	CERTIFICATION PROGRAM REQUIREMENTS		3
5	CERTIFICATION RULES OF PROCEDURE		4
	5.1	GENERAL RULES OF PROCEDURE	4
	5.2	APPLICATION FOR CERTIFICATION	4
	5.3	EXAMINATION OF THE MANUFACTURER'S DOCUMENTS	4
	5.4	INSPECTION VISIT LEADING TO CERTIFICATION	4
	5.5	DECISION ON CERTIFICATION AND ISSUING OF THE	
		CERTIFICATE OF CONFORMITY	5
	5.6	CONDITIONS FOR MAINTAINING THE CERTIFICATE OF	
		CONFORMITY	5
	5.7	PERIODIC INSPECTION VISITS	5
	5.8	RENEWAL OF THE CERTIFICATE OF CONFORMITY	5
	5.9	ADDITIONS TO THE SCOPE OF THE CERTIFICATE OF	
		CONFORMITY	5
6	MARKING OF PRODUCTS		6
ANNEX A — INFORMATIVE REFERENCE			7





REINFORCED CONCRETE AND UNREINFORCED CONCRETE PIPES AND MONOLITHIC LATERAL CONNECTIONS, AND PRECAST REINFORCED CONCRETE SEWER MANHOLES, CATCH BASINS, GATE HOUSES AND PUMPING STATIONS — 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 reinforced concrete and unreinforced concrete pipes and monolithic lateral connections according to the requirements of Standard BNQ 2622-126 and of precast reinforced concrete sewer manholes, catch basins, gate houses and pumping stations according to the requirements of Standard BNQ 2622-420.

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

NOTE — This document is also intended for work providers wishing to use the BNQ certification programs covered in this protocol.

2 <u>NORMATIVE REFERENCES</u>

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) [www.bnq.qc.ca]

BNQ 2622-126

Reinforced Concrete and Unreinforced Concrete Pipes and Monolithic Lateral Connections for Evacuation of Domestic Wastewater and Storm Water.

(Tuyaux et branchements latéraux monolithiques en béton armé et non armé pour l'évacuation des eaux d'égout domestique et pluvial.)