

# Certification Protocol



BNQ 3624-907/2017

Polyethylene (PE) Pipe and Fittings — Certification Protocol







BNQ 3624-907/2017

Polyethylene (PE) Pipe and Fittings — Certification  
Protocol

*Tuyaux et raccords en polyéthylène (PE) — Protocole de  
certification*

---

---

ICS: 03.120.20; 23.040.20; 23.040.45; 93.020

---

---



BUREAU DE NORMALISATION  
DU QUÉBEC

## 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](mailto:bnqinfo@bnq.qc.ca); Web Site: [www.bnq.qc.ca](http://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.

## THIRD EDITION — 2017-10-19

This new edition supersedes the edition dated June 10, 2011.

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](http://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, 2017

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.

ISBN 978-2-551-26151-2 (printed version)  
ISBN 978-2-551-26152-9 (PDF)

Legal deposit — Bibliothèque et Archives  
nationales du Québec, 2017



## FOREWORD

This document was prepared in consultation with the Certification Protocol Development Committee on polyethylene (PE) pipe and fittings, whose members were:

BEAUMIER, David	Groupe CTT (Sageos)
BERNARD, France	Association des ingénieurs municipaux du Québec (AIMQ)
COUILLARD, Claude	Ville de Québec — Service de l'ingénierie
DIEZ, Carl	Soleno
GARON, Bruno	Ministère de l'Agriculture, des Pêcheries et de l'Alimentation du Québec (MAPAQ) — Direction régionale de la Montérégie
GERVAIS, David	Armtec LP
GINGRAS, Jean	Corporation des officiers municipaux et en environnement du Québec (COMBEQ)
GROEN, Gerry	UPONOR Infra
LECLAIR, Éric	Centre de technologie minérale et de plasturgie (CTMP)
LORANGER, Marc-Antoine	Ministère des Transports, de la Mobilité durable et de l'Électrification des transports (MTMDET)
MERCIER, Serge	Les produits VersaProfiles
SAMANIEGO, Carlos	ADS Canada
HOUDE, Benoit (Project Leader)	Bureau de normalisation du Québec (BNQ)

The participation of Simon Decoste, of ADS Canada, and Tom Kostarides, of UPONOR Infra, is also worthy of mention.



## CONTENTS

		<b>Page</b>
1	PURPOSE OF THE DOCUMENT AND PROGRAM SCOPE	1
2	NORMATIVE REFERENCES	1
3	DEFINITIONS	2
4	CERTIFICATION PROGRAM GENERAL REQUIREMENTS	4
5	CERTIFICATION RULES OF PROCEDURE	4
	5.1 GENERAL RULES OF PROCEDURE	4
	5.2 APPLICATION FOR CERTIFICATION	5
	5.3 EXAMINATION OF MANUFACTURER'S DOCUMENTS	5
	5.4 INSPECTION VISIT LEADING TO CERTIFICATION	5
	5.5 DECISION CONCERNING CERTIFICATION AND ISSUING OF CERTIFICATE OF CONFORMITY	5
	5.6 CONDITIONS FOR MAINTAINING CERTIFICATE OF CONFORMITY	6
	5.7 PERIODIC INSPECTION VISITS	6
	5.8 RENEWAL OF CERTIFICATE OF CONFORMITY	6
	5.9 ADDITIONS TO SCOPE OF CERTIFICATE OF CONFORMITY	6
	5.10 MODIFICATION TO THE PRODUCT	6
6	MARKING AND LABELLING	6
	6.1 GENERAL	6
	6.2 PRODUCT MARKING AND LABELLING	7
ANNEX A —	INFORMATIVE REFERENCE	8





# POLYETHYLENE (PE) PIPE AND FITTINGS — CERTIFICATION PROTOCOL

## 1 PURPOSE OF THE DOCUMENT AND PROGRAM SCOPE

The purpose of this document is intended to establish the certification requirements, rules of procedure and marking requirements applying to the certification of polyethylene (PE) pipe and fittings according to the requirements of the product standards BNQ 3624-027, BNQ 3624-110, BNQ 3624-115, BNQ 3624-120 and ASTM F894. It is important to note that, to meet the needs expressed by prime contractors, Bureau de normalisation du Québec (BNQ) offers the entitled program ASTM F894 limited to the certification of closed profile pipe.

This document is for manufacturers seeking to have the conformity of their products recognized by the BNQ.

This document was developed to serve as a reference document for conformity assessment activities of specific products.

NOTE — Conformity assessment is defined as the systematic examination of the extent to which a product fulfils specified requirements.

## 2 NORMATIVE REFERENCES

The references below (including any amendment or errata) are normative references, and are therefore considered mandatory. They are essential to the understanding and use of this document, and are cited in appropriate places in the text.

NOTE — This document also cites informative references that are of a non-mandatory nature. A list of these references is provided in the appendix.

It should be noted that a dated normative reference refers to that specific edition of the reference, while a non-dated normative reference refers to the latest edition of the reference in question.

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

BNQ 3624-027

*Polyethylene (PE) Pipe for the Transport of Fluids Under Pressure.*  
[Tuyaux en polyéthylène (PE) pour le transport des liquides sous pression.]