

Standard



BNQ 3660-950/2014

Safety of Products and Materials in Contact with
Drinking Water



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BNQ 3660-950/2014

Safety of Products and Materials in Contact with
Drinking Water

*Innocuité des produits et des matériaux en contact avec
l'eau potable*

ICS: 13.060.20; 13.060.50; 13.060.60; 67.250



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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.

In English-language documents, a period is often used instead of a comma as a decimal marker. Nevertheless, the BNQ has decided to use the comma as the decimal marker in all of the documents published by the BNQ, as is the case with all ISO documents.

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FOREWORD

This document was prepared by a Standards Development Committee, whose members were:

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SAFETY OF PRODUCTS AND MATERIALS IN CONTACT WITH DRINKING WATER

INTRODUCTION

This standard is cited in the *Regulation Respecting the Application of Section 32 of the Environment Quality Act* (see Annex B) and in the Standardized Specification BNQ 1809-300 (see Annex B), which specifies the general technical clauses governing the installation of municipal drinking water supply systems.

1 PURPOSE

This standard specifies the requirements that products and materials in contact with drinking water shall conform to in order to preserve drinking water quality and specifies the methods for assessment of products and materials in contact with drinking water. This standard considers the effects of products and materials in contact with drinking water on public health and the aesthetic quality of water.

2 SCOPE

This standard applies to all types of materials (for example, plastics, other polymers, metal, cement) and products (for example, pipes, gaskets, valves, coating materials, lubricants) in contact with drinking water in a temporary or permanent cold drinking water supply system.

NOTES —

1 Fire hydrants fall within the scope of this standard since they are major elements of a temporary drinking water supply system. The Standardized Specification BNQ 1809-300 (see Annex B) specifies applicable requirements for temporary drinking water supply systems.

2 Even though the requirements of this standard apply exclusively to water supply systems, these requirements should also apply to products and materials installed upstream of a water supply system, such as pipes, accessories, equipment for treatment and tanks of a drinking water production unit.

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

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