

# Standard



## NATIONAL STANDARD OF CANADA

CAN/BNQ 0413-400/2009  
(R 2015)

Soil Amendments – Alkaline or Dried Municipal  
Biosolids



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CAN/BNQ 0413-400/2009

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Soil Amendments – Alkaline or Dried Municipal  
Biosolids

*Amendements de sols – Biosolides municipaux alcalins ou  
séchés*

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ICS: 65.080

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**SOIL AMENDMENTS —  
ALKALINE OR DRIED MUNICIPAL BIOSOLIDS**

Standard prepared by the Bureau de normalisation du Québec (BNQ)



and approved by the Standards Council of Canada (SCC)



**Standards Council of Canada**  
**Conseil canadien des normes**

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## FOREWORD

This document was approved as a reaffirmed National Standard of Canada by the Standards Council of Canada (SCC). It was approved by the Standards Development Committee on alkaline or dried municipal biosolids, whose voting members were:

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## SOIL AMENDMENTS — ALKALINE OR DRIED MUNICIPAL BIOSOLIDS

### 1 PURPOSE AND SCOPE

This standard specifies the characteristics of alkaline or dried municipal biosolids as well as the criteria and methods used to verify these characteristics.

This standard applies to municipal biosolids resulting from a thermal or an alkaline treatment and used as soil amendments. These treatments are recognized for destroying pathogens such as salmonella, enteric viruses and viable *Ascaris* eggs.

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

#### NOTES —

- 1 Conformity evaluation is defined as the systematic examination of the extent to which a product fulfils specified requirements.
- 2 Other treatments can be used to treat municipal biosolids, however, they are not specified in this standard. For information purposes, Annex E provides information related to the recognition of such processes.

### 2 NORMATIVE 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 the reference shall be used.

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