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BSI Standards Publication

Guidance for the implementation of environmental aspects in product standards and system standards in the field of wastewater engineering

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National foreword

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English Version

Guidance for the implementation of environmental aspects in product standards and system standards in the field of wastewater engineering

Lignes directrices pour la mise en oeuvre des aspects environnementaux dans les normes produits et les normes systèmes du domaine de l'assainissement

Anleitung zur Umsetzung von Umweltaspekten in Produkt- und Systemnormen im Bereich Abwassertechnik

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European foreword

This document (CEN/TR 16928:2016) has been prepared by Technical Committee CEN/TC 165 "Wastewater Engineering", the secretariat of which is held by DIN.

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1 Scope

This document applies for the implementation of environmental aspects in product standards and system standards in the field of wastewater engineering. It provides a structure on how to identify and consider environmental aspects and potential environmental impacts of products and systems in the field of wastewater engineering throughout their life cycle.

NOTE Standards that are produced make environmental declarations voluntary where there are no national regulations. This is carried out by including for "No Performance Declared".

This Technical Report gives guidance on how this life cycle should be considered in accordance with EN 15804.

The stages of Life Cycle Assessment (LCA) are given in Annex A.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 15804, *Sustainability of construction works — Environmental product declarations — Core rules for the product category of construction products*

CEN Guide 4:2008, *Guide for addressing environmental issues in product standards*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in CEN Guide 4:2008 and the following apply.

3.1
life cycle
consecutive and interlinked stages of a product system, from raw material acquisition or generation of natural resources to final disposal

Note 1 to entry: The term "product system" is defined and further explained in ISO 14040.

[SOURCE: ISO 14050:2009, definition 7.1]

4 General guidance

4.1 Provisions dealing with the introduction of environmental aspects into European Standards

European Standards concerning products and systems in the field of wastewater engineering currently exist without any direct reference for the user to environmental awareness and the possible environmental aspects and potential impacts. This does not necessarily lead to products and systems in the field of wastewater engineering which are less environmentally friendly, because the user has other incentives when considering environmental aspects, such as installation considerations, legal requirements etc. However, the inclusion of environmental provisions encourages the consideration of environmental aspects in cases where such incentives do not exist.

In many cases, it is sufficient to include the necessary provisions when revising European Standards dealing with products and systems in the field of wastewater engineering by the inclusion of a new

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