

SLOVENSKI STANDARD kSIST-TS FprCEN/TS 16201:2011

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Blato, obdelani biološki odpadki in tla - Določevanje preživetvene sposobnosti semen in ostalega razmnoževalnega materiala/in njihove sposobnosti razmnoževanja

Sludge, treated biowaste and soil - Determination of viable plant seeds and propagules

Schlamm, behandelter Bioabfall und Boden - Bestimmung der Keimfähigkeit von wachstumsfähigen Grassamen und Pflanzenstecklingen

Boues, bio-déchets traités et sols - Détermination de la germination des graines adventices viables et des propagules végétales

Ta slovenski standard je istoveten z: FprCEN/TS 16201

ICS:

13.030.20 Tekoči odpadki. Blato Liquid wastes. Sludge

13.080.30 Biološke lastnosti tal Biological properties of soils

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ICS 13.030.01

English Version

Sludge, treated biowaste and soil - Determination of viable plant seeds and propagules

Boue, biodéchet traité et sol - Determination de l'emergence des plantules de viable graines et boutures

Schlamm, behandelter Bioabfall und Boden - Bestimmung der keimfähigen Pflanzensamen und -fortpflanzungskeime

This draft Technical Specification is submitted to CEN members for formal vote. It has been drawn up by the Technical Committee CEN/TC 400.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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EUROPEAN COMMITTEE FOR STANDARDIZATION COMITÉ EUROPÉEN DE NORMALISATION EUROPÄISCHES KOMITEE FÜR NORMUNG

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FprCEN/TS 16201:2010 (E)

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FprCEN/TS 16201:2010 (E)

Foreword

This document (FprCEN/TS 16201:2010) has been prepared by Technical Committee CEN/TC 400 "Project Committee - Horizontal standards in the fields of sludge, biowaste and soil", the secretariat of which is held by DIN.

This document is currently submitted to the Formal Vote.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

This Technical Specification is part of a modular horizontal approach in which this document belongs to the analytical step.

The preparation of this document by CEN is based on a mandate by the European Commission (Mandate M/330). The mandate considers standards on sampling and analytical methods for hygienic and biological parameters as well as inorganic and organic determinants. It was the aim of the mandate to develop standards that are applicable to sludge, treated biowaste and soil and lead to equivalent results as far as this is technically feasible.

Until now test methods determining properties of materials within the environmental area were prepared in Technical Committees (TCs) working on specific products/matrices (soil, waste, sludge, etc.). However, it is recognized that many steps in test procedures can be used in test procedures for other products/matrices. By careful determination of these steps and selection of specific questions within these steps, elements of the test procedure can be described in a way that can be used for more matrices and materials with certain specifications. This optimization is in line with the development among end-users of standards. A majority of routine environmental analyses are carried out by institutions and laboratories working under a scope which is not limited to one single environmental matrix but covers a wide variety of matrices. Availability of standards covering more matrices contributes to the optimization of laboratory procedures and standard maintenance costs, e.g. costs related to accreditation and recognition.

A horizontal modular approach was developed in the project "Horizontal". "Modular" means that a test standard developed in this approach concerns a specific step in assessing a property and not the whole "chain of measurement" (from sampling to analyses). A beneficial feature of this approach is that "modules" can be replaced by better ones without jeopardizing the standard "chain".

The results of the desk study as well as the evaluation and validation studies have been subject to discussions with all parties concerned in the CEN structure during the development by project "Horizontal". The results of these consultations with interested parties in the CEN structure have been presented to and discussed in CEN/TC 400.

FprCEN/TS 16201:2010 (E)

Introduction

This Technical Specification is the result of a desk study "Horizontal European Standards for Contamination with Viable Weed Seeds and Plant Propagules" which aimed at evaluating the latest developments in assessing weeds and Plant Propagules in sludge, treated biowaste and soil.

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