



DPC: 25/30480037 DC

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Date: 10 October 2025

Origin: European

Latest date for receipt of comments: 02 December 2025

Project No. 2023/02144

Responsible committee: AW/20 Topsoil, other growing media and turf

Interested committees:

Title: BS EN 18256 Draft Digestate - Determination of the residual biogas potential.

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Full document details: 25/30480037 DC

Introduction

This draft standard is based on national and international discussions. Your comments on this draft are invited and will assist in the preparation of the consequent standard.

For international standards, comments will be reviewed by the relevant UK national committee before sending the consensus UK vote and comments to the international committee, which will then decide appropriate action. If the international standard is approved, it is usual for the text to be published as a British Standard.

For national standards, comments will be reviewed by the relevant UK national committee and the resulting standards published as a British Standard.

UK Vote

Please indicate whether you consider the UK should submit a negative (with supporting technical reasons) or positive vote on this draft. Please indicate if you are aware of any reason why this draft standard should not be published as a British Standard.

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Template for comments and secretariat observations

Date: xx/xx/20xx	Document: ISO/DIS xxxx
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1	2	(3)	4	5	(6)	7
MB	Clause No./ Subclause No./Annex (e.g. 3.1)	Paragraph/ Figure/Table/Note	Type of comment	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
	3.1	Definition 1	ed	Definition is ambiguous and needs clarifying.	Amend to read '...so that the mains connector to which no connection...'	
	6.4	Paragraph 2	te	The use of the UV photometer as an alternative cannot be supported as serious problems have been encountered in its use in the UK.	Delete reference to UV photometer.	

Digestate - Determination of the residual biogas potential

Digestat - Détermination du potentiel de production de
biogaz résiduel

Gärrest - Bestimmung des Restbiogaspotentials

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 223.

If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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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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Contents	Page
European foreword	3
Introduction	4
1 Scope.....	5
2 Normative references.....	5
3 Terms and definitions	5
4 Principle	6
5 Apparatus	6
6 Reagents.....	6
7 Sampling.....	7
8 Procedure	7
8.1 Storage and preparation of sample.....	7
8.2 Sampling, storage and preparation of inoculum	8
8.3 Starting the procedure.....	8
8.4 Measurement methods	9
9 Calculation.....	9
10 Test report.....	11
11 Validation of the method.....	11
11.1 Validation in accordance with ISO 5725-2.....	11
11.2 Performance characteristics.....	11
Annex A (informative) Specific information on RBP - test.....	12
Annex B (informative) Performance characteristics of the method	13
Bibliography	15

European foreword

This document (prEN 18256:2025) has been prepared by Technical Committee CEN/TC 223 “Soil improvers and growing media”, the secretariat of which is held by NEN.

This document is currently submitted to CEN Enquiry.

This document has been prepared under a standardization request addressed to CEN by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

Introduction

Anaerobic digestion is a biological process leading, in absence of oxygen, to the degradation of organic carbon and to the production of biogas, a gas mixture composed mainly by methane (CH_4) and carbon dioxide (CO_2). The degradation process is carried out by a wide range of mesophilic or thermophilic microorganisms and applied on an industrial scale as an exploitation strategy to produce added-value products from crops, livestock manure, agro-industrial by-products, biowaste and sludges. The digestate obtained is a stabilized, nutrient-rich material, and a suitable component for soil improvers, growing media and other organic fertilizers.

When the organic material is not efficiently converted into biogas, the digestate coming out from the plant is unstable and continues to produce biogas in the final storage tank.

The assessment of the digestate's stability can be carried out through the residual biogas potential (RBP) test which represents the amount of biogas that could still be produced from the organic material present at the end of the anaerobic digestion process.