Draft for Public Comment

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Responsible committee: W/- Consumer Products and Services Sector Policy and Strategy Committee

Interested committees:

Title: Draft BS ISO 1953 Coal — Size analysis by sieving.

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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 Please indicate if you are aware of any reason why this draft standard should not be published as a British Standard.

Submission of Comments

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Template for comments and secretariat observations

Date: xx/xx/20xx	Document: ISO/DIS xxxx

1	2	(3)	4	5	(6)	7
MB	Clause No./ Subclause No./Annex **(e.g. 3.1)**	Paragraph/ Figure/Table/Note	**Type of comment**	**Commend (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.	

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DRAFT International Standard

ISO/DIS 1953.2

Coal — Size analysis by sieving

Charbon — Analyse granulométrique par tamisage

ICS: 73.040

ISO/TC **27**/SC **1**

Secretariat: **SA**

Voting begins on:
2024-12-16

Voting terminates on:
2025-02-10

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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee ISO/TC 27, *Coal and coke*, Subcommittee SC 1, *Coal preparation: Terminology and performance.*

This fourth edition cancels and replaces the third edition (ISO 1953:2015), which has been technically revised.

The main changes are as follows:

a) Size analysis of coal greater than 90 mm is no longer covered by this Standard in accordance with ISO 18283. This draft specifies clearly that the Test sample shall be sampled in accordance with ISO 18283 so sizes greater than 90 mm have been removed from Table 1 ISO 1953.

b) Instructions provided for air drying and equilibrating different coals [a), b) and c)] and enhanced temperatures have been added.

   i. High rank coals.

   ii. Low rank coals.

   iii. Lignite.

c) Additional Test Report inclusions.

d) Gy's formula unfortunately was not suitable to determine minimum masses for sizing at various nominal top sizes and for precision calculations in Table 1 and has been removed.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

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Introduction

Size analysis involves the separation of a sample of coal into size fractions with defined limits. In the methods described in this document the results are expressed in terms of the percentage mass of coal remaining on sieves of different aperture sizes. This information can be of use in several applications, including the following:

a) assessing the yields of products from run-of-mine coals.

b) providing design data for coal preparation plants.

c) checking that products from screening plants are within the required limits.

d) assessing the performance of coal-crushing plants.

e) selecting coals for processes and equipment.

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