International Standard

ISO 17246

Coal and coke — Proximate analysis

Charbon et coke — Analyse immédiate

Third edition
2024-04

Reference number
ISO 17246:2024(en)

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Published in Switzerland

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Foreword

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This document was prepared by Technical Committee ISO/TC 27, *Coal and coke*, Subcommittee SC 5, *Methods of analysis*.

This third edition cancels and replaces the second edition (ISO 17246:2010), which has been technically revised.

The main change is as follows:

— the scope has been widened to include coke.

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Coal and coke — Proximate analysis

1 Scope

This document establishes a practice for the proximate analysis of coal and coke. It is intended for general utilization by the coal industry to provide a basis for comparison of coals and coke and for the determination of fixed carbon.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 562, *Hard coal and coke — Determination of volatile matter*

ISO 579, *Coke — Determination of total moisture*

ISO 589, *Hard coal — Determination of total moisture*

ISO 687, *Coke — Determination of moisture in the general analysis test sample*

ISO 1171, *Coal and coke — Determination of ash*

ISO 1213-2, *Solid mineral fuels — Vocabulary — Part 2: Terms relating to sampling, testing and analysis*

ISO 5068-1, *Brown coals and lignites — Determination of moisture content — Part 1: Indirect gravimetric method for total moisture*

ISO 5068-2, *Brown coals and lignites — Determination of moisture content — Part 2: Indirect gravimetric method for moisture in the analysis sample*

ISO 5071-1, *Brown coals and lignites — Determination of the volatile matter in the analysis sample — Part 1: Two-furnace method*

ISO 11722, *Solid mineral fuels — Hard coal — Determination of moisture in the general analysis test sample by drying in nitrogen*

ISO 20360, *Brown coals and lignites — Determination of the volatile matter in the analysis sample: one furnace method*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 1213-2 apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at https://www.electropedia.org/

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