AS 1038.2—2006
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AS 1038.2—2006

Australian Standard®

Coal and coke—Analysis and testing

Part 2: Coke—Total moisture

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The following are represented on Committee MN-001:

- Australasian Institute of Mining and Metallurgy
- Australian Coal Association
- Australian Coal Preparation Society
- Australian Institute of Energy
- Coalfield Geology Council of New South Wales
- CSIRO, Energy Technology
- Department of Natural Resources and Mines, Qld
- Minerals Council of Australia
- National Association of Testing Authorities, Australia
- National Generators Forum
- University of Newcastle
- University of New South Wales
- University of Queensland

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STANDARDS AUSTRALIA

RECONFIRMATION

OF
AS 1038.2—2006
Coal and coke—Analysis and testing
Part 2: Coke—Total moisture

RECONFIRMATION NOTICE

Technical Committee MN-001 has reviewed the content of this publication and, in accordance with Standards Australia procedures for reconfirmation, it has been determined that the publication is still valid and does not require change.

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National Association of Testing Authorities Australia
The University of New South Wales
The University of Queensland
University of Newcastle

NOTES

Australian Standard®

Coal and coke—Analysis and testing

Part 2: Coke—Total moisture

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PREFACE

This Standard was prepared by the Standards Australia Committee MN-001, Coal and Coke, as a revision of AS 1038.2—1995, *Coal and coke—Analysis and testing*, Part 2: *Coke—Total moisture*.

The objective of this Standard is to provide those responsible for the analysis of coke with a standardized procedure for determination of total moisture content.

This revision has been editorially updated to comply with current format.

The term 'informative' has been used in this Standard to define the application of the Appendix to which it applies. An informative appendix is for information and guidance only.

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STANDARDS AUSTRALIA

Australian Standard
Coal and coke—Analysis and testing

Part 2: Coke—Total moisture

1 SCOPE

This Standard sets out methods for the determination of total moisture, free moisture and residual moisture in coke. The methods are as follows:

(a) Drying in air, for free moisture.

(b) Drying in air, for residual moisture.

Where the sample is visibly wet, determination of residual moisture is generally preceded by the determination of free moisture, unless the sample is suitable for the direct determination at total moisture.

2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS	
1038	Coal and coke—analysis and testing
1038.16	Part 16: Assessment and reporting of results
2418	Coal and coke—Glossary of terms
2706	Numerical values—Rounding and interpretation of limiting values
4264	Coal and coke—Sampling
4264.2	Part 2: Coke—Sampling procedures
AS/NZS	
2243	Safety in laboratories (series)

3 DEFINITIONS

For the purpose of this Standard, the definitions given in AS 2418 and those below apply.

3.1 Common sample

A gross sample from which the laboratory samples for total moisture and for general analysis are prepared.

3.2 Gross sample

A sample formed when all the increments collected from a lot or sub-lot are combined for reduction to a laboratory sample.

4 SAFETY

For information on laboratory safety, reference should be made to the relevant parts of AS/NZS 2243.