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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 12937-2008

Replacing GB/T 12937-1995

Terms relating to coal petrology

煤岩术语

(English Translation)

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Table of Contents

Preface

1 Scope

2 Bituminous coal and anthracite coal rock 1 term

The term lignite coal and rock 3

4 Of coal microscopic test method terminology

Appendix A (informative) The standard entry number and ISO 7404-1:1994 entries
Number Control

Annex B (informative) The standard entry number and ISO 7404-1:1994 technical
differences and their reasons

Pinyin index

English equivalents index

Foreword

This revised standard adopts ISO 7404-1:1994 "bituminous coal and anthracite coal and rock analysis methods --- Part 1. Terminology" (English Chinese Version).

This standard replaces GB/T 12937-1995 "terms of coal and rock." the revised standard reads as follows.

--- Cancel half term vitrinite and its components, inertinite increased secretion of body terms, microscopic mineral type added five new terminology, Test Methods term increase in fluorescence component terms.

--- Increase in Appendix A, for the ISO 7404-1:1994 entries related to cross-reference number.

--- Increase in Appendix B, for the ISO 7404-1:1994 about the technical differences between mutual controls.

--- Increase in Chinese pinyin and English equivalents index.

This standard is based on ISO 7404-1:1994 redrafted. For ease of comparison, in Appendix A lists the standard terms of the number and ISO 7404-1:1994 control list entries numbered.

Consider China's national conditions, in the use of ISO 7404-1:1994 when you made some changes. These technical differences identified in it a single vertical line Margin were involved in terms of pages. List of technical differences and the reasons given in Appendix B for reference.

For ease of use, this standard also made the following editorial changes.

- a) "this International Standard" be replaced by "this standard";
- b) Remove the foreword and introduction of international standards.

The Standard Appendix A, Appendix B is an informative annex.

The standard proposed by China Coal Industry Association.

This standard by the National Standardization Technical Committee of Coal.

This standard was drafted. Coal Research Institute, Xi'an Institute.

1 Scope

This standard specifies the relevant terminology macro, micro and analytical methods of coal humic Studies coal rocks.

This standard applies to lignite, bituminous coal and anthracite.

2 Bituminous coal and anthracite coal and rock term

Visually identify the basic unit of humic coals.

2.1.1

Coal strongest luster, black, uniform, brittle, endogenous component of coal and rock fracture development.

2.1.2

Coal luster strong, bright views with constituents of coal texture.

2.1.3

Coal glossy dark, dense and hard, uneven coal and rock composition.

2.1.4

Coal silky luster, fibrous structure, brittle coal rock composition.

Based on overall strength and luster of coal relative to divide the light component content type, to a certain extent reflect the composition of coal composition.

2.2.1

Coal strongest overall relative luster macro type of coal, the light component content greater than 80%.

2.2.2

Overall coal relatively strong macro shiny coal and rock type, its light component content

greater than 50% to 80%.

2.2.3

Overall coal relatively weak macro shiny coal and rock type, its light component content greater than 20% to 50%.

2.2.4

Coal weakest overall relative luster macro type of coal, the light component content is less than 20%.

An integral unit under the microscope discernible coal.