

ICS 73.040

CCS D26



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

GB/T 15589-2013

Replacing GB/T 15589-1995

Classification of microlithotype

显微煤岩类型分类

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Foreword

This standard was drafted according to GB/T 1.1-2009 given rules. This standard replaces GB/T 15589-1995 "microscopic coal and rock type classification." Compared with GB/T 15589-1995, no technological change. The standard proposed by China Coal Industry Association. This standard coal by the National Standardization Technical Committee (SAC/TC42) centralized. This standard was drafted. Coal Science and Industry Group Xi'an Research Institute, China University of Mining (Beijing). The main drafters of this standard. Xiao Wen Zhao, Xiu instrument, Jinkui Li, Pan Zhigui. This standard replaces the standards previously issued as follows:

--- GB/T 15589-1995. Microscopic coal and rock type classification

1 Scope

GB/T 15589-2013 is the Chinese national standard on classification of microlithotype, in the field of mining and minerals. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 17 December 2013 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 May 2014. Classification: ICS 73.040, CCS D26. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the microscopic coal and rock type classification principles of microscopic coal and rock types, mineralization type microscopic and microscopic mineral type of classification. This standard applies to low rank bituminous coal and anthracite.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 15588 Classification bituminous coal Maceral

3 Classification principles

Microscopic coal and rock type is a combination of natural symbiotic microscopic components, the minimum thickness of 50µm or minimal covering an area of 50µm x 50µm, quantity (volume fraction) in which the microstructure of the packet (or microscopic components) appear equal to or greater than 5% is determined. It may contain less than 20% of the mineral (e.g. clay, silica, carbonate) or less than 5% of the sulfide minerals. If the mineral content exceeds the above number, press microscopy And the proportion of the component minerals are different types of mineralization known as microscopic or microscopic mineral types.

4 Microscopic coal and rock type classification

Microscopic coal and rock type classification Table 1. Table 1 microscopic coal and rock type classification The volume fraction of microscopic coal and rock type microstructure packet Single Packet Type Micromirror coal Micro-shell coal Micro-inert coal Vitrinite > 95% Chitin body > 95% Idler plastid > 95% Dual Packet Type Micro-light coal Pale coal Micromirror idler coal (Vitrinite chitin body) > 95% (Idler plastid chitin body) > 95% (Vitrinite idle plastid) > 95% Three packet types Micro triple coal (vitrinite chitin body idle plastid) > 95%

Note 1. The double set of packet types and three types of packets, either packets microstructure volume fraction greater than or equal to 5%.

Note 2. According to a variety of needs can be microscopic coal and rock type and content of press MACERALS further divided into several sub-types.