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

中华人民共和国国家标准

GB/T 6949-2010

Replace GB/T 6949-1998

**Determination of apparent relative density of
coal**

煤的视相对密度测定方法

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China**

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Foreword

This Standard will replace GB/T 6949-1998 *Determination of apparent relative density of coal*.

Comparison with GB/T 6949-1998, main changes of this Standard are as follows:

- Changed Annex B and replaced Annex B of previous standard by “10 Determination methods for lignite wax” of GB/T 2559-2005 *Analysis of lignite wax*.

Annex A and Annex B of this Standard are normative annex.

This Standard is proposed by China National Coal Association.

This Standard is under the jurisdiction of National Technical Committee on Coal of Standardization Administration of China.

The responsible drafting organization of this Standard is Xi'an Research Centre of China Coal Science Research Institute.

The chief drafting staff of this Standard includes Wang Jieling, Long Yaping and Zhu Chunsheng.

This Standard replaces the following historical editions issued:

- GB 6949-1986, GB/T 6949-1998.

Determination of Apparent Relative Density of Coal

1 Scope

This Standard specifies instruments and equipments, reagents, coal sample preparation, determination procedures, results calculation and degree of precision for determination of apparent relative density of coal.

This Standard applies to lignite, bituminous coal and anthracite.

2 Normative references

The articles contained in the following documents have become this Standard when they are quoted herein. For the dated documents so quoted, all the modifications (excluding corrections) or revisions made thereafter shall not be applicable to this Standard. For the undated documents so quoted, the latest editions shall be applicable to this Standard.

GB 474 Method for preparation of coal sample (GB 474-2008, ISO 18283: 2006, Hard coal and coke—Manual sampling, MOD)

GB 475 Method for manual sampling of commercial coal (GB 475-2008, ISO 18283: 2006, Hard coal and coke—Manual sampling, MOD)

GB/T 482 Sampling of coal seams

GB/T 19494.1 Mechanical sampling of coal—Part 1:Method for sampling (GB/T 19491.1-2004, ISO 13909-1: 2001 Hard coal and coke—Mechanical sampling—Part 1: General introduction, ISO 13909-2: 2001, Hard coal and coke—Mechanical sampling—Part 2: Coal—Sampling from moving streams, ISO 13909-3: 2001, Hard coal and coke—Mechanical sampling—Part 3: Coal—Sampling from stationary lots, NEQ)

Specification of coal resources exploration and coal sampling 1989

3 Terms and definitions

For the purpose of this Standard, the following terms and definitions apply.

3.1

Apparent relative density of coal

Ratio of coal mass to the mass of water with the same volume at 20°C.



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