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

GB/T 478-2008

Replacing GB/T 478-2001; GB/T 19092-2003

Method for float and sink analysis of coal

煤炭浮沉试验方法

(English Translation)

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Foreword

This revised standard adopts ISO 7936:1992 "Determination of hard coal properties and drifting --- --- instruments and procedures represent a general guide." this standard is based on ISO 7936:1992 redrafted. For ease of comparison, the information in Appendix A lists the provisions of this national standard Standard Terms and international control list.

Consider China's national conditions, in the use of ISO 7936:1992 doing some changes to the qualitative description of the steps described in the technical A single vertical line marked difference in terms of what they involve margin. Technical differences and their reasons are given in Appendix B the list 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.

This standard replaces GB/T 478-2001 "coal drifting test method" and GB/T 19092-2003 "pf drifting test methods." this standard and GB/T 478-2001 and major changes GB/T 19092-2003, compared as follows.

- Added "big ups and downs" and "small drifting" is defined;
- Verify the quality of the test sample before and after the test results of the accuracy of the difference from 2% to 1%;
- Revised verify the accuracy of the test results of coal ash content greater than or equal to 15% of the formula;
- Increased in Appendices A and B.

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

The standard proposed by China Coal Industry Association.

This standard coal by the National Standardization Technical Committee (SAC/TC42) centralized.

This standard was drafted. Tangshan Coal Science Research Institute.

1 Scope

This standard specifies the coal samples, drifting laboratories, equipment (instruments) and instruments, heavy liquid coal preparation drifting test, test preparation, test step Sudden, laboratory analysis and results of the project finishing.

This standard applies to bituminous coal and anthracite, lignite can reference implementation.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research can you use the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB 474 coal sample preparation method (GB 474-1996, eqv ISO 1988. 1975)

3 Terms and Definitions

The following terms and definitions apply to this standard.

Drifting test in particle size greater than 0.5mm of coal carried out.

Drifting test of particle size less than 0.5mm of coal carried out.

4.1 General

4.1.1

coal sample preparation should meet the requirements of GB 474.

4.1.2

drifting coal quality tests determined depending on the pilot projects.

4.2.1 Coal

Each grain of coal rank coal samples see Table 1 minimum mass execution.

Table 1 given grain size minimum quality coal

Grain size upper/mm minimum mass/kg grain size upper/mm minimum mass/kg 7.5

4.2.2 Coal Products

4.2.2.1

coal, coal and waste rock due to the uneven distribution of the density of the composition (concentrated in certain density level), in order to ensure correct test results and each secret Degree level sufficient sample for analysis, the required coal quality should be increased, increasing the amount of generally greater than 50% Table 1 given amount.

4.2.2.2

Material flows through a sorting operation should be as fast as sampling, testing.