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

GB/T 30046.2-2013

Froth flotation testing -- Part 2: Sequential evaluation

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Foreword

GB/T 30046 "pulverized coal (mud) flotation test" is divided into three parts.

- Part 1. test procedure;
- Part 2. Test method for evaluating the order;
- Part 3. Release evaluation test methods.

This section GB/T Part of 230,046.

This section drafted in accordance with the rules of GB/T 1.1-2009 and GB/T 20000.2-2009 given.

This part redrafted Law Amendment uses ISO 8858-2.2004 "hard coal Foam flotation testing - Part 2. Evaluation of the order."

This part of ISO 8858-2.2004, compared with more adjustment in the structure, are listed in Appendix A of this part of ISO 8858-2.2004

The reg number control list.

Technical differences exist compared to 2004, the terms of these differences has been involved through its outer margins. This part of ISO 8858-2

Vertical single-line position (I) have been marked, in Appendix B gives the corresponding list of technical differences and their causes.

This section also made the following editorial changes.

- Name to "pulverized coal (mud) flotation testing - Part 2 sequential evaluation test

methods";

--- Remove the ISO 8858-2.2004 Foreword;

--- The ISO 8858-2.2004 Introduction Introduction The conversion of this Part;

--- Added Appendix A and B;

--- The ISO 8858-2.2004 Annex A and Annex B conversion appendix of this Part C.

This part is proposed by the China Coal Industry Association.

This part of the National Coal Standardization Technical Committee (SAC/TC42) centralized.

This section is drafted. Tangshan Coal Science Research Institute, the world (Tangshan) Co., Ltd. Mining.

Introduction

Sorting flotation is widely used in pulverized coal (mud), and pulverized coal (mud) floatability is determined by laboratory tests, GB/T 30046.1 provisions

The pulverized coal (mud) flotation process.

This section provides test methods for pulverized coal (mud) can be floating for more detailed analysis, which aims to provide results similar to drifting analysis

Information on the test results plotted yield - Ash curve.

Pulverized coal (mud) flotation

Part 2. Test method for evaluating the order

1 Scope

GB/T 30046 provisions of this part of the test flow pulverized coal (mud) sequential evaluation test methods of coal samples, test equipment and appliances

(Goods), test conditions, test procedures, test results, test the allowable difference and test reports.

This section applies to 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 /Determination of total moisture in coal of T 211 (GB/T 211-2007, ISO 589.2003, NEQ)

GB/T 212 industrial analysis of coal (GB/T 212-2008, ISO 11722.1999, ISO 1171.1997, ISO 562.

1998, NEQ)

GB 474 coal sample preparation method (GB 474-2008, ISO 18283.2006, MOD)

GB/T 4757 pulverized coal (mud) Standard Test Method for Laboratory flotation unit

GB/T 30046.1 pulverized coal (mud) flotation testing - Part 1. Test Process

3 Test Process

First, according to GB/T 30046.1 provisions of the test coal samples roughing, followed by the election of crude coal tailings and multiple sweeping election

And selection (process shown in Figure C.1), to obtain a plurality of ash different products, and draw the yield - Ash curve.

4.1 pulverized coal

Pulverized coal samples taken and should be prepared in accordance with the provisions of GB 474 and GB/T 4757 implementation, coal particle size limit is 0.5mm.

Coal quality test sample should be no less than 2kg.

4.2 coal slurry

No collected from Coal flotation flotation feed, dried to air-dried state, the quality of not less than 2kg. Also can be directly mine

Coal slurry preparation of a concentration of the test requirements.

5 Test equipment and appliances (products)

Test equipment and appliances (product) should be consistent with GB/T 30046.1 requirements.