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Commercial coal quality - Civil briquette

商品煤质量 民用型煤

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Table of Contents

Foreword	1
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Feed coal requirements	3
5 Products classification	4
6 Technical requirements and test methods.....	4
7 Inspection rules	5
8 Package, marking, transportation and storage	7

Foreword

SAC/TC 42 is in charge of this English translation. In case of any doubt about the contents of the English translation, the Chinese original shall be considered authoritative.

All technical content of this standard is mandatory.

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard was proposed by the State Administration of Coal Mine Safety.

This standard was prepared by SAC/TC 42 (National Technical Committee on Coal of Standardization Administration of China).

1 Scope

This standard specifies terms and definitions, feed coal requirements, products classification, technical requirements and test methods, inspection rules and package, marking, transportation and storage for civil briquette.

This standard is applicable to civil briquette in production, processing, storage and transportation, sale, and utilization.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any attachments) applies.

GB/T 212 Proximate analysis of coal · GB/T 213 Determination of calorific value of coal ·

GB/T 214 Determination of total sulfur in coal · GB/T 216 Determination of phosphorus in coal · GB/T 474 Method for preparation of coal sample · GB/T 483 General rules for analytical and testing methods of coals · GB/T 3058 Determination of arsenic in coal · GB/T 3558 Determination of chlorine in coal · GB/T 4633 Determination of fluorine in coal · GB/T 16659 Determination of mercury in coal · GB/T 25209 Commercial coal marking · GB/T 25214 Determination of total sulfur in coal by IR spectrometry · GB/T 30732 Proximate analysis of coal - Instrumental method · GB/T 31356 Quality evaluation and control guide for commercial coal · MT/T 1 Determination of refuse-content and undersize fraction of commercial coal · MT/T 748 Determination of cold compressive strength of industrial briquette · MT/T 925 Drop shatter test of industrial briquette · SN/T 3511 Determination of mercury in minerals - General rules of direct mercury determining with solid injection method

3 Terms and definitions

For the purposes of this document, the terms and definitions given in GB/T 483, GB/T 31356, MT/T 748 and the following apply. For ease of use, certain terms and definitions in GB/T 483-2007, GB/T 31356-2014 and MT/T 748-2007 are repeated below.

3.1 commercial coal - Coal products for sale that are processed from the raw coal, including the steam coal, metallurgical coal, and chemical coal, etc.

3.2 steam coal - Commercial coal that utilizes its calorific value by burning, including the coal used in power plant, industrial boiler and furnace, and others by combustion.

3.3 civil coal - Steam coal used for distributed use of residents' cooking and heating, including civil bulk coal and civil briquette.

3.4 civil bulk coal - Civil coal that is not processed into briquette.

3.5 civil briquette - Processed and shaped civil coal with appropriate technology and equipment, including honeycomb briquet and other briquettes.

3.6 cold compressive strength - The crack resistance strength of the briquette when it is subjected to a unidirectional force at a specified uniform displacement speed on a pressure testing machine at ambient temperature until it cracks.

3.7 shatter strength - A measure of resistance to shattering. With a certain amount of briquette samples, according to the specified conditions and methods, the mass of briquette blocks larger than 13 mm after free fall from a certain height is expressed as the percentage of the original test briquette mass.

3.8 undersize fraction - The mass fraction of the product on the sieve that is smaller than the lower limit of the specified particle size.