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PEOPLE'S REPUBLIC OF CHINA

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Replacing GB/T 25210-2010

**Commercial Coal Quality - Coal for Medium and Low
Temperature Pyrolysis**

商品煤质量 中低温热解用煤

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Commercial Coal Quality - Coal for Medium and Low Temperature Pyrolysis

1 Scope

This document specifies the product quality grade and technical requirements, test methods, inspection rules, marking, transportation and storage of coal for medium and low temperature pyrolysis.

This document is applicable to the coal for medium and low temperature pyrolysis in various links: production, processing, storage and transportation, sales and application, etc.

2 Normative References

The contents of the following documents constitute indispensable clauses of this document through the normative references in this text. In terms of references with a specified date, only versions with a specified date are applicable to this document. In terms of references without a specified date, the latest version (including all the modifications) is applicable to this document.

GB/T 212 Proximate Analysis 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 475 Method for Manual Sampling of Commercial Coal

GB/T 1341 Gray-King Assay of Coal

GB/T 3058 Determination of Arsenic in Coal

GB/T 3558 Determination of Chlorine in Coal

GB/T 5751 Chinese Classification of Coals

GB/T 16659 Determination of Mercury in Coal

GB/T 19494.1 Mechanical Sampling of Coal - Part 1: Method for Sampling

GB/T 19494.2 Mechanical Sampling of Coal - Part 2: Method for Sample Preparation

GB/T 25209 Commercial Coal Marking

the slow ashing method in GB/T 212.

5.3 Total Sulfur

The determination of total sulfur of the coal shall be performed in accordance with GB/T 214 or GB/T 25214. The arbitration shall be performed in accordance with the Eschka method in GB/T 214.

5.4 Phosphorus Content

The determination of phosphorus content in the coal shall be performed in accordance with GB/T 216.

5.5 Chloride Content

The determination of chloride content in the coal shall be performed in accordance with GB/T 3558.

5.6 Arsenic Content

The determination of arsenic content in the coal shall be performed in accordance with GB/T 3058.

5.7 Mercury Content

The determination of mercury content in the coal shall be performed in accordance with GB/T 16659 or SN/T 3511.

6 Inspection Rules

6.1 Batch

The products shall be inspected by batches.

6.2 Sample Collection and Preparation

Samples shall be collected in accordance with the stipulations of GB/T 475 or GB/T 19494.1 and prepared in accordance with the stipulations of GB/T 474 or GB/T 19494.2.

6.3 Exit-factory Inspection

Manufacturers and distributors shall carry out exit-factory inspection in accordance with the inspection items required in Table 4.

7.1.1 The produced and sold commercial coal for medium and low temperature pyrolysis shall be marked in accordance with the stipulations of GB/T 25209.

7.1.2 The accompanying documents that identify the circulation of the commercial coal for medium and low temperature pyrolysis shall include, but not be limited to the following contents:

- product name;
- quantity;
- place of origin;
- nominal maximum particle size and appearance description;
- main coal quality indexes, which shall include, but are not limited to the indexes specified in Chapter 4;
- others: name and address, date of production, batch No. and file No. of the manufacturer or distributor.

7.1.3 The markings shall be made of water-proof, anti-corrosion and non-breakable materials.

7.2 Transportation and Storage

The transportation and storage of the coal for medium and low temperature pyrolysis shall be dust-proof, rain-proof, moisture-proof and kept away from fire sources.

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