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

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Proximate analysis of solid biofuels

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Foreword

This standard rule according to GB/T 1.1-2009 given draft.

This standard uses redrafted EU law revision using the following specifications.

CEN/TS14774-3.2004 "solid biomass fuel water

Determination of points oven drying method - Part 3. Moisture in general analysis sample ";
CEN/TS14775.2004" solid biomass fuel

Determination of ash material "; CEN/TS15148.2005" volatile solid biomass fuels
determination. "

This standard is above the EU compared to the technical specifications made adjustments
in the structure of the standard listed in Appendix A of this standard and above EU
TECHNOLOGY

Operation control specification clauses numbered list.

The presence of the above-mentioned EU standards and technical specifications technical
differences compared to the terms of these differences has been involved through its outer
margins

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

The standard proposed by China Coal Industry Association.

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

This standard was drafted. CCRI coal analysis laboratory.

1 Scope

This standard specifies the method for determination of water content of solid biomass fuel, ash and volatile matter, fixed carbon and the calculation method.

This standard applies to solid biomass fuel.

2 Sample

Solid biomass fuels in general analysis sample. air-dry state to achieve a particle size of < 1mm or smaller particle size solid biomass fuels

Sample.

3 Determination of moisture

This chapter provides two solid biomass fuel moisture measurement method. A method in which nitrogen is drying, air drying method B

Law. If the sample material at 105 degrees C +/- 2 degrees C easily oxidized, should be selected method A.

Useful encountered general analytical sample moisture correction and conversion in the arbitration group analysis, the application of measurement methods A general analysis test

Like water.

3.1.1 Method summary

Weigh a certain amount of solid biomass fuels in general analysis sample, placed in 105 degrees C +/- 2 degrees C oven dried in dry nitrogen stream

To constant mass and then calculate the moisture content according to the mass loss of the sample.

3.1.2.3 color gel. industrial supplies.

3.1.2.4 Small oven space. tight box, having a smaller free space, a gas inlet and outlet, and automatic temperature control device, can protect

Hold the temperature at 105 degrees C +/- 2 degrees C.

3.1.2.5 glass weighing bottle. diameter 40mm, high 25mm, and ground with a tight flap (see Figure 1).

Millimeters