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

GB/T 3007-2006

Refractories -- Determination of moisture content

耐火材料 含水量试验方法

(English Translation)

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1 Scope

This Standard specifies the definition of and test method for moisture content of refractory.

This Standard applies to the determination of moisture content of refractory materials and products.

This Standard does not apply to the refractory materials containing volatile organic matters under the measuring temperature.

2 Normative References

The provisions in following documents become the provisions of this Standard through reference in this Standard. For dated references, the subsequent amendments (excluding corrigendum) or revisions do not apply to this Standard, however, parties who reach an agreement based on this Standard are encouraged to study if the latest editions of these documents are applicable. For undated references, the latest edition of the referenced document applies.

GB/T 8170 Rules of Rounding off for Numerical Values

GB/T 17617-1998 Refractory Products--Sampling of Raw Materials and
Unshaped Products

3 Definition

Moisture content

It is the ratio between the mass of free water contained in a refractory material sample and the original mass of the sample, with the values expressed in %.

4 Principle

The sample of a refractory material is dried at 105°C to 110°C and its loss in mass is the mass of free water contained by the sample.

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