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NATIONAL STANDARD

OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 7702.17-1997

Standard Test Method for Granular Activated Carbon from Coal – Determination of Floatation Ratio

煤质颗粒活性炭试验方法

漂浮率的测定

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Issued on: December 03, 1997

Implemented on: June 01, 1998

Issued by: State Bureau of Technical Supervision

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Foreword

This Standard is a new test method standard based on the requirements of national standard "Granular Activated Carbon from Coal".

After issued and implemented, this Standard supports the use of national standard GB/T 7701.1-1997 ~ 7701.7-1997 "Granular Activated Carbon from Coal".

From the effective date of this Standard, the implementation transitional period is one year.

This Standard was proposed by China North Industries Corporation.

This Standard shall be under the jurisdiction of the Institute of China Ordnance Industrial Standardization.

Drafting organization of this Standard: Shanxi Xinhua Chemical Plant.

Main drafters of this Standard: Wei Guifen, Zhang Guohong, Zhang Zhongjie, Zhao Jijun, and Luo Shiyan.

This Standard is entrusted to Shanxi Xinhua Chemical Plant for interpretation.

Standard Test Method for Granular Activated Carbon from Coal – Determination of Floatation Ratio

1 Scope

This Standard specifies the content such as required instruments, steps and result calculation for the determination of floatation rate of granular activated carbon from coal.

This Standard applies to the determination of floatation rate of granular activated carbon from coal (hereinafter referred to as the activated carbon).

2 Normative References

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties who enter into agreement based on this Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below.

GB/T 7702.1 Standard Test Method for Granular Activated Carbon from Coal - Determination of Moisture Content

3 Method Abstract

Dry the sample. Place it into a container that contains quantitative amount of water for immersion. After stirring and standing, take out the sample floating on the water surface; dry it to constant weight; calculate the floatation ratio.

4 Instruments

4.1 Balance: sensitivity is 0.0001 g.

4.2 Beaker: 500 mL.

4.3 Measuring cylinder: 100 mL.

4.4 Electrothermal constant-temperature drying oven: 0~300°C.

4.5 Stopwatch.

4.6 Horn spoon or stainless steel spoon.

4.7 Stainless steel spoon with mesh.

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