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

GB/T 6900.1-1986

Replacing GB/T 6900-2016

**Chemical analysis of alumino - silicate refractories
(English Translation)**

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Drafting.

This document replaces GB/T 6900-2016 "Chemical Analysis Methods for Aluminosilicate Refractory Materials". Compared with GB/T 6900-2016, except for the structural...

Aside from structural adjustments and editorial changes, the main technical changes are as follows.

- a) Added a "warning" message;
- b) The provisions regarding the measurement range have been removed (see Chapter 1, Chapter 1 of the 2016 edition);
- c) A new chapter on "Terms and Definitions" has been added (see Chapter 3);
- d) The particle size requirements for sample grinding have been changed (see 5.2, 4.2 in the 2016 version);
- e) Increased requirements for reagents and water (see 6.1.1);
- f) Added provisions for constants (see 6.1.2);
- g) The method for determining loss on ignition has been changed (see Chapter 7, Chapter 7 of the 2016 edition);
- h) The range for the determination of titanium dioxide content using the diantipyrene methane spectrophotometric method has been modified (see 11.1, 2016 edition of 11.1);
- i) The rules for plotting the diantipyrene methane spectrophotometric standard curve have

been changed (see 11.1.5, 8.1.5 of the 2016 edition);

j) The rules for taking the median of analytical results in the analytical value acceptance procedure have been changed (see Appendix A, Appendix A of the 2016 edition).

Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents.

This document was proposed and is under the jurisdiction of the National Technical Committee on Standardization of Refractory Materials (SAC/TC193).