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NONFERROUS METAL INDUSTRY STANDARD

OF THE PEOPLE'S REPUBLIC OF CHINA

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YS/T 751-2011

**Designation and composition
of tantalum and tantalum alloy**

钽及钽合金加工产品牌号和化学成分

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Foreword

This Standard shall be under the jurisdiction of Technical 243 on Nonferrous Metals of Standardization Administration of China (SAC/TC 243).

The drafting organizations of this Standard: Western Metal Materials Co., Ltd., Xi'an Noble Rare Metal Materials Co., Ltd., Northwest Institute for Nonferrous Metal Research.

The main drafters of this Standard: Yi Nan, Zhang Luqiang, Wu Yu, Han Jiqing, Ai Jianling, Zhao Honglei, Tang Jin.

Designation and composition of tantalum and tantalum alloy

1 Scope

This Standard specifies the designation and chemical composition requirements, sampling and chemical composition analysis for wrought tantalum and tantalum alloy products.

This Standard applies to all types of wrought tantalum and tantalum alloy products (including cast ingots, sintering blanks, semi-finished products and finished products).

2 Normative References

The following referenced documents are indispensable for the application of this document. For dated references, only the edition dated applies to this document. For undated references, the latest edition of the referenced documents (including all amendments) applies to This Standard.

GB/T 15076 (all parts), *Methods for chemical analysis of tantalum and niobium*

3 Requirements

3.1 Designations and chemical compositions

The designations and chemical compositions of wrought tantalum and tantalum alloy products shall be as specified in Table 1.

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