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PEOPLE'S REPUBLIC OF CHINA**

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Recycling titanium ingots

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

This document was proposed by China Nonferrous Metals Industry Association.

This document is under the jurisdiction of the National Technical Committee on Standardization of Nonferrous Metals (SAC/TC243).

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1 Scope

This document specifies the classification and marking, technical requirements, test methods, inspection rules, marking, packaging, transportation, storage and accompanying materials of recycled titanium ingots.

Line documents and order form contents.

This document applies to the manufacture and inspection of recycled titanium ingots.

2 Normative references

GB/T 3620.1

GB/T 3620.2

GB/T 4698

GB/T 8180

GB/T 20927-2007

GB/T 23605

GB/T 31981

GB/T 34647

3 Terms and definitions

The terms and definitions defined in GB/T 20927-2007 and GB/T 34647 and the following apply to this document.

3.1

Titanium and titanium alloy materials generated during the production of titanium materials, titanium products and titanium equipment, or dismantled from scrap equipment.

3.2

Titanium and titanium alloy ingots are produced by fully or partially using recycled titanium raw materials, which are purified and smelted.

4.1 Product Categories

4.1.1 The grade, surface condition, specification and smelting method of the product shall comply with the requirements of Table 1.