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

GB/T 26652-2025

Replacing GB/T 26652-2011

Abrasion-resistant composite materials castings

耐磨损复合材料铸件

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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.

This document replaces GB/T 26652-2011 Wear-resistant composite castings. Compared with GB/T 26652-2011, except for the structural adjustment Besides the editorial changes, the main technical changes are as follows.

- a) The scope has been changed (see Chapter 1, Chapter 1 of the 2011 edition);
- b) The terms and definitions of wear-resistant iron-based composite castings have been changed (see 3.1, 3.1 of the 2011 edition);
- c) The classification, brand and code as well as the brand representation method have been changed (see Chapter 4, Chapter 4 of the 2011 edition);
- d) Added manufacturing requirements (see Chapter 5);
- e) The technical requirements have been changed (see Chapter 6, Chapter 5 of the 2011 edition);
- f) The test method has been changed (see Chapter 7, Chapter 6 of the 2011 edition);
- g) The inspection rules have been changed (see Chapter 8, Chapter 7 of the 2011 edition);
- h) The marking, certification, packaging, transportation and storage requirements have been changed (see Chapter 9, Chapter 8 of the 2011 edition).

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 is proposed and coordinated by the National Technical Committee for Standardization of Castings (SAC/TC54).

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This document was first published in 2011 and this is the first revision.

1 Scope

This document specifies the classification, grade and code, manufacturing, technical requirements, testing of wear-resistant iron-based composite castings (hereinafter referred to as "castings").

Methods, inspection rules, marking, certification, packaging, transportation and storage requirements.

This document is applicable to the production, Testing, application, procurement and delivery acceptance. Wear-resistant iron-based composite material castings for other working conditions shall be implemented by reference.

2 Normative references

GB/T 229

GB/T 230.1

GB/T 1031

GB/T 4340.1

GB/T 5611

GB/T 5677

GB/T 5680

GB/T 6414-2017

GB/T 8263

GB/T 9443

GB/T 9444

GB/T 11351-2017

GB/T 13298

GB/T 15056

GB/T 20066

GB/T 26651

GB/T 39428-2020

GB/T 39638

3 Terms and Definitions

The terms and definitions defined in GB/T 5611 and the following apply to this document.

3.1 Composite parts with good wear resistance

Metallurgical bonding of two or more materials produced by casting (special cases of non-metallurgical or partial metallurgical bonding)