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

GB/T 44154-2024

**Metallic and other inorganic coatings - Requirements for the
designation of metallic and inorganic coatings**

金属及其他无机覆盖层 金属及无机覆盖层标识要求

(English Translation)

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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 is equivalent to ISO 27830:2017 "Metallic and other inorganic coatings - Marking requirements for metallic and inorganic coatings".

1 Scope

This document specifies the marking requirements for metal and other inorganic coatings to develop unified technical documents and standardize the marking of coatings. file format.

This document applies to electroplated coatings, autocatalytically deposited coatings and vapor deposited coatings.

This document does not provide detailed technical requirements for specific covering

layers. If necessary, please refer to the standard catalogue in the references.

This document is not applicable to thermal spray and enamel coatings.

2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document.

For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to This document.

Note: GB/T 19349-2012 Metallic and other inorganic coatings Pretreatment of steel to reduce the risk of hydrogen embrittlement (ISO 9587:2007, IDT)

ISO 9588 Metallic and other inorganic coatings - Treatment of steel after coating to reduce the risk of hydrogen embrittlement ment)

Note: GB/T 19350-2012 Treatment of coated steel with metallic and other inorganic coatings to reduce the risk of hydrogen embrittlement (ISO 9588:2007, IDT)

3 Terms and definitions

There are no terms or definitions that require definition in this document.

The URLs for terminology databases used in standardization work maintained by ISO and IEC are as follows.

4.1 Basic Information

The Purchaser shall provide the basic information required in this clause in written form as part of the contract, purchase order, detailed product specifications and/or engineering