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

GB/T 15545-2020

Replacing GB/T 15545-1995

**General rules for packing, marking, transport, storage and
quality certificates of unshaped refractory**

不定形耐火材料包装、标志、运输、储存和质量证明书的一般规定

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1 Scope

GB/T 15545-2020 is the Chinese national standard on general rules for packing, marking, transport, storage and quality certificates of unshaped refractory, in the field of glass and ceramics industries. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 2 June 2020 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 May 2021. Classification: ICS 81.080, CCS Q40. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This Standard specifies the packing, marking, transport, storage and quality certificates of unshaped refractory (hereinafter referred to as products). This Standard applies to unshaped refractory.

2 Normative references

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

GB/T 191, Packaging - Pictorial marking for handling of goods

GB/T 1413, Series 1 freight containers - Classification, dimensions and ratings

GB/T 2934, General-purpose flat pallets for through transit of goods - Principal dimensions

and tolerances

GB/T 3830, Calendered film (sheet) from flexible PVC

GB/T 4122.1, Packaging terms - Part 1: Basic

GB/T 4892, Dimensions of rigid rectangular packages - Transport packages

GB/T 4995, General-purpose flat pallets for through transit of goods - Performance requirements and selection of tests

GB/T 6388, Transport package shipping mark

GB/T 6543, Single and double corrugated boxes for transport packages

GB/T 6544, Corrugated fiberboard

GB/T 9174, General specification for transport packages of general cargo

GB/T 10454, Flexible freight container Buckets Metal bucket

a) The bucket shall be round, free of obvious defects such as out-of-round, concave, deflection; the bucket body shall be smooth, free of burrs and mechanical damage;

6 Transport

6.1 Before the transport, the package shall be verified to be complete; the internal components shall not leak, not damaged; the seal shall be intact.

6.2 The transport machine shall be safe, firm and clean, and shall be equipped with rain and moisture-proof facilities.

6.3 Handle with care and keep the package intact during transport.

6.4 Packages which are transported over long distances can be transported in containers.

7 Storage

7.1 Packages should be stored in a warehouse that is protected from rain, moisture, sun and fire.

7.2 Packages shall be stacked and marked separately.

8 Quality certificate

Each batch of products shall be accompanied by a quality certificate, which indicates:

- a) name of the manufacturer;
- b) name of the buyer;
- c) product name, designation grade and batch number;