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PEOPLE'S REPUBLIC OF CHINA

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GB/T 15545-2020

Replacing GB/T 15545-1995

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

不定型耐火材料包装、标志、运输、储存和质量证明书的一般规定

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

1 Scope

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; b) Repair welding of the straight seam of the barrel is not allowed; c) The bucket shall clean, free of rust, slag and other impurities. Lining insulation material; d) The paint film on the surface of the bucket shall be smooth and even; e) The bucket mouth piece assembly is matched; it does not leak and meets the requirements that are determined by other parties	25/40/50/ 100/200
	Plywood (fiberboard) bucket	It shall comply with GB/T 9174	20/25/40/ 50/100
	Hard plastic bucket	It shall comply with GB/T 9174	20/25/40/ 50/100
Boxes	Corrugated Box	a) The dimensions of corrugated box shall meet the requirements of GB/T 6543 and GB/T 6544; b) Lined with plastic film or other anti-leakage materials; c) After sealing the box, use nylon band or steel band to tie it firmly	
Assembly packaging	Wooden box (fully enclosed wooden box, open crate)	a) The box board shall be free of obvious burrs and holes. The defects of the wood itself must not affect the structural strength of the box board; b) The four corners of the wooden box shall be aligned vertically; the thickness and width of the box board and box stop shall be determined according to the weight of the product; but the thickness shall not be less than 18 mm and the width shall not be less than 70 mm; c) The box size shall be selected according to GB/T 4892	1 000/1 200

- e) date of manufacture and batch number;
- f) validity period and storage conditions;
- g) rain and moisture proof markings;
- h) others.

5.3 The product packing, storage and transport markings shall comply with the provisions of GB/T 191.

5.4 The product transport packing receipt and delivery marking shall comply with the provisions of GB/T 6388.

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;
- d) quality inspection special seal and issuer;

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