

ICS 81.080
CCS Q 40



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

GB/T 10326-2016

Replacing GB/T 10326-2001

**Shaped refractory products inspections of dimension,
appearance and section**

定形耐火制品尺寸、外观及断面的检查方法

(English Translation)

Issued on: October 13, 2016

Implemented on: September 1, 2017

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China**

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Foreword

This standard is drafted in accordance with the rules given in GB/T 1.1-2009.

The standard instead of GB/T 10326-2001 "shaped refractory products size, appearance and cross-section of the inspection method", and GB/T 10326-2001, the main technical changes are as follows.

- modified specifications for steel wedge and feeler (see 5.7, 5.1);
- increased definition and inspection of centerline deviations (see 3.2, 7.2);
- Increased inspection of asymmetric irregular pattern edges in size check (see 6.2);
- the calculation of the distortion of the formula;
- modified flat - plug method (see 8.2);
- modified the missing angle, missing edge of the inspection method (see Chapter 9, Chapter 10);
- Modify the inspection method of the section (see Chapter 15).

This standard uses the re-drafting method to modify the use of ISO 12678-1.:1996 "refractory brick size and external defects of the inspection side Part 1. Consistency of dimensions and drawings "and ISO 12678-2.:1996" Inspection of refractory bricks and external defects Methods - Part 2. Corner defects and other surface defects ".

This standard has a greater structural adjustment compared to ISO 12678-1.:1996 and ISO 12678-2.:1996, which is listed in Appendix A Standard and ISO 12678-1.:1996 and ISO 12678-2.:1996 chapter number comparison list.

There are technical differences between this standard and ISO 12678-1.:1996 and ISO 12678-2.:1996, and the terms of these differences are the vertical lines (-) in the blank positions on the outside margins are marked, and ISO 12678-1.:1996 and ISO 12678-2 are

listed in Appendix B.

1996 technical differences and the reasons for the list.

1 Scope

This standard specifies the inspection tools and inspection methods for the size, appearance and cross-section of shaped refractory products.

This standard is applicable to the inspection of the dimensions, appearance and cross-section of compact and shaped insulation products.

2 Normative reference documents

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

Representation and Judgment of Numerical Correction Rule and Limit Value of GB/T 8170
Rules for inspection of acceptance test for shaped refractory products GB/T GB/T 18930
refractory terminology

3 Terms and definitions

The following definitions and definitions of the following definitions and definitions apply to this document.

Wedge difference difference of wedge the difference between the size of the large and small end of the wedge brick is less than the absolute value of the difference between the large and small end nominal dimensions.

Centerline deviation Wedge bricks large, small end of the center line on both sides of the actual measurement of the absolute value of the difference.

4 General

4.1

samples of refractory products, acceptance by GB/T 10325.

4.2

This standard in the same inspection items of the two inspection methods, inspection, product technology requirements should be identified as a check method.

4.3

Where the drawings indicate that the work surface on the product shall be inspected according to the work surface specified in the standard; if the working surface is not

specified, it shall be checked according to the non-working surface.

The edges and corners connected to the working face shall be inspected according to the requirements of the working face.

4.4

missing angle, missing edge, melting hole and other appearance defects within the allowable range, not according to the defect assessment.

4.5

Check the size and protrusion, should be finishing brick and brick surface, remove the brick surface attachments and flash.

5 Check the tool

5.1

All inspection tools should be calibrated and the accuracy of the inspection tool should be regularly calibrated with a reference to national standards.