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JG

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

JG/T 562-2018

Replacing JG/T 3002.1-1992; JG/T 3002.2-1992

**Precast concrete stair
(English Translation)**

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Foreword

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

This standard replaces JG 3002.1-1992 "Prefabricated Concrete Steps for Residential Stairs" and JG 3002.2-1992 "Prefab Stairs for Residential Stairs" Concrete intermediate platform. Compared with JG 3002.1-1992 and JG 3002.2-1992, the main technical contents are changed as follows.

- The scope is adjusted to apply to stairs in general industrial and civil buildings (see Chapter 1);
- Cancel the relevant content of precast concrete intermediate platform (JG 3002.2-1992);
- Cancel the inclined beam shelf staircase (see 4.1, JG 3002.2-1992 4.1 and 4.3);
- Increased common specifications for evacuation slab stairs in residential buildings (see 4.2);
- Adjusted the method of stair marking (see 4.3);
- Adjusted the requirements for the appearance quality and dimensional deviation of prefabricated stairs (see 6.1, 6.2);
- Increased the requirements for the strength of precast stair concrete (see 6.3);
- Increased the thickness of the concrete protective layer for prefabricated stair reinforcement (see 6.4);
- Increased performance inspection requirements for prefabricated stair structures (see 6.5);
- Increased the relevant provisions of prefabricated staircase type inspection (see 8.2);
- Increased the requirements for the certification of prefabricated staircase products (see Chapter 10);
- Added test method for prefabricated stair structure performance (see Appendix A).

This standard was proposed by the Institute of Standardization of the Ministry of Housing and Urban-Rural Development.

This standard is under the jurisdiction of the Building Structure Standardization Technical Committee of the Ministry of Housing and Urban-Rural Development.

1 Scope

This standard specifies the classification, code and marking of precast concrete stairs, general requirements,, test methods, inspection rules, signs, and piles.

Release and transportation, product certification.

This standard applies to precast concrete stairs in general industrial and civil buildings.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB 175 universal Portland cement GB/T 1499.2 Steel for reinforced concrete - Part 2. Hot rolled ribbed bars GB/T 1596 for fly ash in cement and concrete GB/T 17431.1 Light aggregates and their test methods - Part 1. Light aggregate GB/T 18046 Granulated blast furnace slag powder for cement and concrete GB 50010 concrete structure design specification GB/T 50081 Standard test method for mechanical properties of ordinary concrete GB/T 50107 concrete strength inspection and evaluation standard GB 50119 Concrete Admixture Application Technical Specifications GB/T 50152 Standard Test Method for Concrete Structures GB/T 51231 technical standard for prefabricated concrete buildings JC/T 209 expanded perlite Technical specification for JG J1 fabricated concrete structure JG J52 Standard for sand and stone quality and test methods for ordinary concrete JG J53 Quality standard and test method for gravel and pebbles for ordinary concrete JG J55 general concrete mix design procedure JG J63 concrete mixing water standard Technical specification for steel bars in JG J/T 152 concrete

3 Terms and definitions

The following terms and definitions apply to this document.

A number of continuous steps between the two platforms produced at the factory, or a combination of several continuous steps and flat panels, referred to as prefabricated buildings Ladders, including slab stairs and beam slab stairs.

Step

Steps and step kicks.