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**JG**

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

**JG/T 522-2017**

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**Aluminum Alloy Formwork  
(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 is proposed by the Institute of Standardization of Housing and Urban-Rural Development Standards.

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

## 1 Scope

This standard specifies the terms and definitions, classifications, specifications and markings, materials, requirements, test methods, inspection rules, and standards Zhi, packaging, transportation, storage and repair.

This standard applies to aluminum alloy templates for concrete works.

## 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 version (including all amendments) applies to this document.

GB/T 699 high quality carbon structural steel GB/T 700 carbon structural steel GB/T 1591 low alloy high strength structural steel GB/T 2828.1 Count Sampling Inspection Procedures Part 1. Batch Inspection Sampling Plans Retrieved by Acceptance Quality Limit (AQL) GB/T 3098 (all parts) Mechanical properties of fasteners GB/T 3190 deformed aluminum and aluminum alloy chemical composition GB/T 5237.1 Aluminium alloy building profiles Part 1. Substrate GB/T 6892 General industrial aluminum and aluminum alloy extruded profiles GB/T 12467.4 Quality requirements for fusion welding of metallic materials Part 4. Basic quality requirements GB/T 50002 Building Modular Coordination Standard GB/T 50006 Plant Building Modulus Coordination Standard GB 50666 Code for Construction of Concrete Structures

### 3 Terms and Definitions

The following terms and definitions apply to this document.

Aluminum alloy template aluminum alloy formwork the aluminum alloy profile is used as the main material, and the template suitable for the concrete project is made by machining and welding.

Panel face-plate

The board in contact with the concrete in the formwork.

Rib rail

A member that fixes and reinforces the formwork panel by intersecting the panel with one-piece extrusion or welding.

**Note:** Includes side ribs, end ribs, inner ribs, and reinforcement.

Main profile Profiled panels and longitudinal ribs are extruded in one piece.