

Translated English of Chinese Standard: JG/T3030-1995

www.ChineseStandard.net

Sales@ChineseStandard.net

JG

CONSTRUCTION INDUSTRY STANDARD
OF THE PEOPLE'S REPUBLIC OF CHINA

JG/T 3030-1995

Welded Stainless Steel Tubes for Architectural Decoration

建筑装饰用不锈钢焊接管材

JG/T 3030-1995 How to BUY & immediately GET a full-copy of this standard?

1. www.ChineseStandard.net;
2. Search --> Add to Cart --> Checkout (3-steps);
3. No action is required - Full-copy of this standard will be automatically & immediately delivered to your EMAIL address in 0~25 minutes.
4. Support: Sales@ChineseStandard.net. Wayne, Sales manager

Issued on: November 27, 1995

Implemented on: May 1, 1996

Issued by: Ministry of Construction of PRC

Table of Contents

1	Subject Content and Applicable Scope	3
2	Quotation Standard	3
3	Classification and Model	4
4	Technical Requirements	5
5	Delivery State and Weight	12
6	Test Methods	13
7	Inspection Rules	14
8	Package, Transportation, Storage	15
	Appendix A Comparison List of Stainless Steel Grade between this Standard and other Countries' Standards (Reference)	16
	Additional Information:	17

Welded Stainless Steel Tubes for Architectural Decoration

1 Subject Content and Applicable Scope

This Standard specifies the classification, technical requirements, test methods, inspection rules, package, transportation, storage and the like of round pipe, square pipe, rectangular pipe (hereinafter referred to as pipe) of the welded stainless steel pipe for architectural decoration.

This Standard is applicable to architectural decoration, furniture, general mechanical structural components, and other welded stainless steel pipes for decoration. The triangular, variable diameter (embossed) and other related equivalent-thickness of shaped welded stainless steel pipe can also refer to use.

2 Quotation Standard

GB 222 Method of Sampling Steel for Determination of Chemical Composition and Permissible Variations for Product Analysis

GB 223 Methods for Chemical Analysis of Iron, Steel and Alloy

GB 228 Method for Metal Tensile Test

GB 242 Metallic Materials-Tube - Drift Expanding Test

GB 244 Metallic Materials-Tube Bend Test

GB 245 Metallic Materials-Tube - Flanging Test

GB 246 Metallic Materials-Tube - Flattening Test

GB 1031 Surface Roughness - Parameters and their Values

GB 2102 Acceptance Packing Marking and Quality Certification of Steel Pipe

GB 2975 Rules for Sampling in Mechanical and Technological Testing of Steel

GB 4239 Cold Rolled Stainless Steel and Heatresisting Steel Strips

Table 8 Allowable Deviation of Angle of Pipe

Grade	Allowable Deviation, (°)
Normal grade	±2
Higher grade	±1

NOTE: when the allowable deviation is only + or -, then the value shall be two times of that listed in the above table.

4.3.5 Degree of curvature

The degree of curvature of pipe shall conform to the provision of Table 9.

Table 9 Allowable Deviation of Angle of Pipe

Outer Diameter or Side Length, mm	Degree of Curvature, mm/m
≤17	---
>17 and ≤140	<2.0
>140	<2.5

4.3.6 Length

4.3.6.1 The general length of pipe shall be 1~8m.

4.3.6.2 The sizing length of pipe shall be 6m; the pipe with length 1~6m agreed by the purchaser and supplier is allowed to deliver; however, the weight shall be no greater than 5% of total weight of each batch.

4.3.6.3 The sizing length and multiple length of pipe shall be within the general length; the allowable deviation of sizing length shall be +20mm; each multiple length shall remain notch allowance of 5~10mm; the allowable deviation of the whole length shall add 10mm.

4.3.7 Pipe shall have no obvious torsion.

4.3.8 End appearance

Both ends of the pipe shall be perpendicular to the axis of the pipe; and shall be flat; the minor deformation and slight defect caused by the cutting method are allowed to exist.

4.4 Surface quality

4.4.1 The outer surface of the pipe shall be clean, free from cracks, folds, delamination, over-pickling traces and iron scale.

4.4.2 Weld defects are allowed to repair; the pipe delivered in heat-treatment state shall repeat the heat-treatment after repairing.

4.4.3 The pipe delivered by the normal roughness of the outer surface shall have

7.4 Batching rules

The pipes shall be performed exit-factory inspection and acceptance as per the batch; each batch consists of the pipes with the same grade, the same size and the same delivery state.

- a. When the outer diameter or side length is less than or equals to 30mm, the number of each batch of pipes shall not exceed 500 pieces;
- b. When the outer diameter or side length is greater than or equals to 30~160mm, the number of each batch of pipes shall not exceed 300 pieces.

7.5 Sampling quantity

The sampling quantity of each inspection of the pipe shall conform to the provision of Table 14.

7.6 Re-inspection and judgement rules

The re-inspection and judgement rules of the pipe shall conform to the provision of GB 2102.

8 Package, Transportation, Storage

8.1 Package

The pipes shall have the internal package, which shall be clean and dry; paste the certificate on one end of the pipe; the certificate shall include the following contents like manufacturer name, trademark, label and inspector code. The pipe external package mode and materials shall be agreed by both parties, the external package shall be firm; the weight and reinforcement form shall conform to the provision of transportation department.

8.2 Transportation

During the transporting period, the pipes shall be avoided collision, and not be pressed by hard and sharp objects to prevent the damage of the pipes. When transporting by open vehicle, take the rainproof and waterproof measures.

8.3 Storage

The storage warehouse of the pipes shall be clean, dry, not in contact with the corrosive medium, not in direct contact with earth surface or cement surface; the cushion required shall be no less than 100mm.

Additional Information:

This Standard was proposed by the Research Institute of Standards and Norms in the Ministry of Construction of PRC.

This Standard shall be under the jurisdiction of Technical Committee of Construction Engineering Standard of the Ministry of Construction of PRC.

Drafting organizations of this Standard: China National Construction Machinery Corp., Guangdong Nanhai Hualian Stainless Steel Profile Factory, Guangdong Shunde New Times Metal Decorative Materials Factory.

Chief drafting staffs of this Standard: Jin Shunxing, Zhang Xinming, Kang Jinhau, Wang Ruigao, Pan Shijing, and Yu Yongxiang.

This Standard entrusted China National Construction Machinery Corp. to interpret.

_____ **END** _____

This is an excerpt of the PDF (Some pages are marked off intentionally)

Full-copy PDF can be purchased from 1 of 2 websites:

1. <https://www.ChineseStandard.us>

- SEARCH the standard ID, such as GB 4943.1-2022.
- Select your country (currency), for example: USA (USD); Germany (Euro).
- Full-copy of PDF (text-editable, true-PDF) can be downloaded in 9 seconds.
- Tax invoice can be downloaded in 9 seconds.
- Receiving emails in 9 seconds (with download links).

2. <https://www.ChineseStandard.net>

- SEARCH the standard ID, such as GB 4943.1-2022.
- Add to cart. Only accept USD (other currencies - <https://www.ChineseStandard.us>).
- Full-copy of PDF (text-editable, true-PDF) can be downloaded in 9 seconds.
- Receiving emails in 9 seconds (with PDFs attached, invoice and download links).

Translated by: Field Test Asia Pte. Ltd. (Incorporated & taxed in Singapore. Tax ID: 201302277C)

About Us (Goodwill, Policies, Fair Trading...): <https://www.chinesestandard.net/AboutUs.aspx>

Contact: Wayne Zheng, Sales@ChineseStandard.net

Linkin: <https://www.linkedin.com/in/waynezhengwenrui/>

----- The End -----