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

中华人民共和国国家标准

GB 6479-2013

Replace GB 6479-2000

**Seamless steel tubes for high-pressure
chemical fertilizer equipments**

高压化肥设备用无缝钢管

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and Quarantine of the People's Republic of China**

**Standardization Administration of the People's Republic of
China**

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Foreword

In this standard, 4.4, 4.6.5. 1, 5.2, 5.3, 5.4. 1, 5.4.2, 5.4.4, 5.4.5, 5.5, 5.6. 1, 5.7, 5.8. 1, 5.9, 5.10.1, 6, 7, 8 are mandatory, and others are recommended.

This standard is drafted according to the rules given in GB/T 1.1—2009.

This standard replaces GB 6479—2000 *Seamless steel tubes for high-pressure chemical fertilizer equipments*. Compared with GB 6479—2000, in addition to the editorial amendments, the main technical changes of this standard are as follows:

- Adjust and supplement the normative references;
- Add the ordering contents;
- Amend the outside diameter of steel tube and permissible deviation of thickness of wall;
- Amend the permissible deviation of length;
- Add the regulations of curvature of the whole length;
- Add the regulations of out of roundness and uneven thickness of wall;
- Add the grade and chemical composition;
- Amend the manufacturing method;
- Amend the mechanical properties;
- Amend the regulations of flattening test;
- Amend the inspection requirements of non-metallic inclusions;
- Amend the requirements of nondestructive inspection.

This standard is proposed by Iron and Steel Industry Association of China.

This standard is archived by National Standardization Technical Committee (SAC/TC 183).

This standard is drafted by: Anshan Steel Co., Ltd., Chengdu Steel and Vanadium Co., Ltd. of Panzhihua Steel and Iron Group, Hunan Hualing Steel Tube Holdings, Chemical Equipment Co., Ltd. of Zhejiang University of Technology, Hengyang Hualing Steel Tube Co., Ltd., Jiangsu Hualing Tin Steel and Special Steel Co., Ltd.

Main drafters of this standard: Guo Xiuli, Piao Zhimin, Li Qi, Li Yanghua, He Zhengyan, Zhai Liping, Chen Zhongyou, Zhao Bin, Chen Shaolin, Li Yingxiong.

The conditions for releasing the history editions of standards replaced by this standard are:

—— GB 6479-1986.GB 6479-2000.

Seamless steel tubes for high-pressure chemical fertilizer equipments

1 Scope

This standard regulates the dimensions, shape, weight, technical requirements, test methods, inspection rules, packaging, signs and quality certificate, etc. of the seamless steel tubes for high-pressure chemical fertilizer equipments.

2 Normative references

The articles contained in the following documents have become this document when they are quoted herein. For the dated documents so quoted, all the modifications (including all corrections) or revisions made thereafter shall be applicable to this document.

GB/T 222 Permissible tolerances for chemical composition of steel products

GB/T 223.3 Methods for chemical analysis of iron, steel and alloy; The dianthylmethane phosphomolybdate gravimetric method for the determination of phosphorus content

GB/T 223.5 Steel and iron - Determination of acid-soluble silicon and total silicon content - Reduced molybdosilicate spectrophotometric method

GB/T 223.11 Iron steel and alloy - Determination of chromium content - Visual titration or potentiometric titration method

GB/T 223.12 Methods for chemical analysis of iron, steel and alloy The sodium carbonate separation-diphenyl carbazide photometric method for the determination of chromium content

GB/T 223.14 Methods for chemical analysis of iron, steel and alloy — The N-benzoyl-N-phenylhydroxylamine extraction photometric method for the determination of vanadium content

GB/T 223.18 Methods for chemical analysis of iron, steel and alloy The sodium thiosulfate separation iodimetric method for the determination of copper content

GB/T 223.19 Methods for chemical analysis of iron steel and alloy; The neocuproine-chloroform extraction photometric method for the determination of copper



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