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

GB/T 24242.3-2014

**Non-alloy steel wire rod for conversion to wire -- Part 3: Specific
requirements for rimmed and rimmed substitute low carbon
steel wire rod**

制丝用非合金钢盘条 第3部分：沸腾钢和沸腾钢替代品低碳钢盘条

(English Translation)

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Foreword

GB/T 24242 "silk non-alloy rod" is divided into four parts.

- Part 1. General requirements;
- Part 2. general purpose wire rod;
- Part 3. Boiling steel and rimmed steel substitute low carbon steel wire rod;
- Part 4. special-purpose rod.

This is Part 3 GB/T 24242 of.

This section drafted in accordance with GB/T 1.1-2009 given rules.

This section uses redrafted law revision adopted redrafted Law Amendment uses ISO 16120-3:2011 Non-alloy steel wire rod "with silk Part 3. Boiling steel and rimmed steel substitute low carbon steel wire rod. " this part of ISO 16120-3:2011 compared to the major technical differences and their causes, see Appendix C.

This part is proposed by the China Iron and Steel Association.

This part of the National Steel Standardization Technical Committee (SAC/TC183) centralized.

This section is drafted. Jiangsu Shagang Group Co., Ltd., Taber Steel Co., Ltd., Tianjin Iron and Steel Group Co., Ltd., Metallurgical Engineering Industry Information Standards Institute, Xuanhua Iron and Steel Group Co., Ltd., Shougang Corporation.

1 Scope

This section GB/T 24242 specifies the use of non-alloy steel wire rod steel and rimmed steel boiling silk substitute low carbon steel rod foot Inch, shape, weight and tolerance, order contents, technical requirements, test methods, inspection rules, packaging, marking and quality certificate.

This section applies to drawn or cold-rolled carbon steel wire having high ductility, low silicon steel boiling non-alloy steel wire rod, and boiling steel alternatives Non-alloy steel

wire rod (hereinafter referred to as wire rod).

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 222 chemical composition of finished steel tolerance GB/T 223.5 steel Determination of total soluble silicon and silicon content reduced silicon molybdate salt spectrophotometric method (GB/T 223.5-2008, ISO 4829-1. 1986, ISO 4829-2. 1988, MOD) Determination of GB/T 223.11 steel and alloy chromium content of visual titration or potentiometric titration (GB/T 223.11-2008, ISO 4937. 1986, MOD) GB/T 223.12 Methods for chemical analysis of iron, steel and alloys of sodium carbonate separation - diphenyl hydrazine spectrophotometric determination of chromium content GB/T 223.19 Methods for chemical analysis of iron, steel and alloy neocuproine - chloroform extraction spectrophotometric determination of copper content GB/T 223.23 steel and alloy - Determination of nickel content dimethylglyoxime spectrophotometry GB/T 223.26 steel and alloy - Determination of molybdenum content - Thiocyanate spectrophotometric GB/T 223.37 Methods for chemical analysis of iron, steel and alloy distillation - indophenol blue photometric method for the determination of nitrogen GB/T 223.59 Steel and Alloy Determination of phosphorus content by bismuth phosphomolybdate blue spectrophotometric method and antimony phosphomolybdate blue spectrophotometry GB/T 223.62 Methods for chemical analysis of iron, steel and alloy butyl acetate extraction spectrophotometric determination of phosphorus content GB/T 223.63 Methods for chemical analysis of iron, steel and alloy The sodium (potassium) for Determination of amount Determination of sulfur content of potassium iodate titration method after GB/T 223.68 Methods for chemical analysis of iron, steel and alloy tube furnace combustion Determination of GB/T 223.74 Methods for chemical analysis of iron, steel and alloy non-combined carbon content GB/T 228.1 tensile testing of metallic materials - Part 1. room temperature test methods (GB/T 228.1-2010, ISO 6892-1.

2009, MOD)

GB/T 2975 Steel and steel products for mechanical testing location and sample preparation (GB/T 2975-1998, eqv ISO 377.

1997)

GB/T 4336 carbon steel and low alloy steel spark source atomic emission spectrometry method (conventional method) GB/T 6394 Determination of average grain size of metal GB/T 10561-2005 Steel - Determination of content of nonmetallic inclusions standards diagrams microscopic examination method (GB/T 10561-2005, ISO 4967:1998, IDT) GB/T 20066 Steel and iron - Sampling and determination of the chemical composition of the

sample with a sample preparation method (GB/T 20066-2006, ISO 14284.
1996, IDT)