ICS 77.140.75

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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/T 21835-2008

Dimensions and Masses per Unit Length of

Welded Steel Pipes

焊接钢管尺寸及单位长度重量

Issued on May 13, 2008

Implemented on November 01, 2008

Jointly issued by the General Administration of Quality Supervision, Inspection and Quarantine (GAQSIQ) and the Standardization Administration (SAC) of the People's Republic of China

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Foreword

This standard is corresponding to ISO 4200: 1991 "Plain End Steel Tubes, Welded and Seamless -- General Tables of Dimensions and Masses per Unit Length" (English edition) and ISO 1127: 1992 "Stainless Steel Tubes--Dimensions, Tolerances and Conventional Masses per Unit Length" (English edition), and this standard is nonequivalent to ISO 4200: 1991 and ISO 1127: 1992 in term of the degree of consistency.

This standard was proposed by China Iron and Steel Association.

This standard is under the jurisdiction of the National Technical Committee on Iron and Steel of Standardization Administration of China.

Chief Drafting Organizations of this standard: Panyu Chu Kong Steel Pipe Co., Ltd. and Jinxi Steel Pipe Co., Ltd.

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Dimensions and Masses per Unit Length of Welded Steel Pipes 焊接钢管尺寸及单位长度重量

1 Scope

This standard specifies the nominal dimensions and masses per unit length of the welded steel pipes.

This standard is applicable to the nominal dimensions and masses per unit length for formulating the standards of round plain end welded steel pipes.

2 Normative References

The following standards contain provisions which, through reference in this text, constitute provisions of this national standard. For dated reference, subsequent correctionments to, or revisions of, any of these publications do not apply. However, all parties coming to an agreement according to this standard are encouraged to study whether the latest edition of these documents is applicable. For undated references, the latest edition of the normative document is applicable to these specifications.

GB/T 8170 "Rules for Rounding off of Numerical Values"

GB/T 20878-2007 "Stainless and Heat-resisting Steels—Designation and Chemical Composition"

3 Classification

Welded steel pipes given in this standard are divided into ordinary welded steel pipes, precision welded steel pipes and welded stainless steel pipes.

4 Nominal Dimensions

4.1 Dimension series

4.1.1 External diameter of the welded steel pipes is divided into three series: Series 1, Series 2 and Series 3, Series 1 is the universal series recommended to be adopted; Series 2 is non-universal series; and Series 3 refers to some few special and dedicated series.

The external diameter of ordinary weldable steel is divided into Series 1, Series 2 and Series 3, the external diameter of precision steel pipe is divided into Series 2 and Series 3, and that of the welded stainless steel pipe is divided into Series 1, Series and Series 3.

4.1.2 The wall thickness of ordinary welded steel pipe is divided into Series 1 and Series 2. Series 1 is the preferred series and Series 2 is not.



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