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ICS 47.020.01
CCS U17

SY

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SY/T 10051.2-2005

Rolled shapes with improved notch toughness

改良缺口韧性的轧制型钢规范

(English Translation)

Issued on: July 26, 2005 **Implemented on: November 1, 2005**

Issued by: National Energy Administration

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1 Foreword

SY/T 10051.2-2005 was issued by National Energy Administration on 26 July 2005 and has been in force since 1 November 2005.

It is one of 2 parts of the SY/T 10051 series.

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The SY/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

2 Scope Preview

This standard specifies the minimum yield strength of 345MPa (50ksi), applicable to offshore structures rolled steel (wide flange beam, angle, etc.). According to API RP 2A described in 8. 1. 3 critical fracture class A, B, and C grade of steel more general use, the lowest grade of C-level applications. For key positions, according to 8. 14, after consultation can use AAZ grade steel.

SY/T 10051.2-2005 falls under ICS 47.020.01, in the field of shipbuilding and marine structures.

This catalogue holds 2 other SY/T standards in that field.

In this catalogue, SY/T standards carry edition years from 1973 to 2025.

3 Where this standard sits

SY/T 10051.2-2005 is classified under ICS 47.020.01, in the field of shipbuilding and marine structures.

It is one part of the SY/T 10051 series, of which this catalogue holds 2 parts.

4 About this standard

Sector: Oil & Gas Industry Standard (Recommended)

Issued by: National Energy Administration

English translation: about 9 pages (approximate)

Chinese original: about 13,139 characters

5 Related standards

Other parts of this standard:

SY/T 10051.1-2004 - Specification for carbon manganese steel plate with improved toughness for offshore structure

Standards on related subjects:

GB/T 37419-2019 - Small craft - Electrical/electronic control systems for steering, shift and throttle

GB/T 37348-2019 - Design guidelines for deck loading plan of self-elevating drilling units

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GB/T 37335-2019 - Design guidelines for structural full penetration weld of self-elevating drilling units

6 Classification and status

International classification (ICS): 47.020.01

Chinese Standard Classification (CCS): U 17

Prefix SY/T: recommended standard.

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