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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 26079-2025

Replacing GB/T 26079-2010

Beam-type lifting devices

梁式吊具

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Standardization Administration of the PRC

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1.Structure and Drafting Rules of Standardization Documents". Drafting. This document replaces GB/T 26079-2010 "Beam Lifting Equipment". Compared with GB/T 26079-2010, the main differences are structural adjustments and editorial changes. Aside from the changes, the main technical changes are as follows:

a) The requirements for critical load-bearing welds have been revised (see 7.2.2,

7.6.2.2 in the.2010 edition);

b) The inspection and acceptance rules for butt joint full penetration welds and other welds in box girder and single-web girder structures have been revised (see 7.2.3,.2010 edition). 7.6.2.3);

c) The requirement for stress relief in the beam structure has been increased (see 7.2.5);

d) The requirement for operating temperature has been removed (see

7.3.1.1 in the.2010 version);

e) The provisions for fatigue verification of beams have been revised (see 7.3.1.4,

7.5 in the.2010 version);

f) The technical requirements for pulleys have been revised (see 7.4,

7.10 in the.2010 edition);

g) Added relevant methods for static equilibrium testing (see 8.5,.2010 edition of 8.5);

h) The requirements for static load testing have been revised (see 8.6,.2010 version of 8.6). Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed by the China Iron and Steel Association. This document is under

the jurisdiction of the National Steel Standardization Technical Committee (SAC/TC183). This document was drafted by: Jully Rigging Co., Ltd., Shanxi Luyeda Metallurgical Machinery Co., Ltd., and Jiangsu Rongxin General Equipment Co., Ltd. The company and the Metallurgical Industry Information and Standards Research Institute. The main drafters of this document are. Zhao Chunjiang, Cui Jianying, Lu Qizheng, Dai Jirong, Wang Yujie, Liu Baoshi, Zheng Qiang, Yang Lifeng, Dai Min, and Xu Haochi. The release history of this document and the document it replaces is as follows:

1 Scope

GB/T 26079-2025 is the Chinese national standard covering the spreader beam - the bar between the crane hook and the load that keeps the slings vertical, with its design against bending and buckling, its lifting points, its proof testing and its marking. Issued on 2 December 2025, it has been in force since 1 July 2026, replacing GB/T 26079-2010.

1.Uncoated steel Rust level and treatment level of the surface and the steel surface after complete removal of the original coating.

2.Coated steel Treatment level after partial removal of the original coating on the surface

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 699 High-quality carbon structural steel

GB/T 985.1 Recommended bevels for gas welding, shielded metal arc welding, gas shielded welding and high energy beam welding

GB/T 985.2 Recommended bevel for submerged arc welding

GB/T 1231 High-strength large hexagonal head bolt assemblies for steel structures

GB/T 1591 Low-alloy high-strength structural steel GB 2893 Safety Colors

GB/T 3077 Alloy Structural Steel

GB/T 3323.1 Nondestructive testing of welds-Radiological inspection-Part

GB/T 6402-2024 Ultrasonic Testing Methods for Steel Forgings

GB/T 8162 Seamless steel tubes for structural use

GB/T 8923.1 Visual assessment of surface cleanliness of steel before coating - Part

GB/T 8923.2 Visual assessment of surface cleanliness of steel surfaces before coating - Part

GB/T 8923.3 Visual assessment of surface cleanliness of steel surfaces before coating - Part

3 Welds, edges and others Treatment level of surface defects in the area

GB/T 11345 Ultrasonic testing techniques, testing levels and evaluation for non-destructive testing of welds

GB/T 16270 High-strength structural steel plates (quenched and tempered)

GB/T 16762 General Purpose Steel Wire Rope Slings. Characteristics and Technical Conditions

GB/T 20652 M(4), S(6) and T(8) grade welded lifting chains GB/T 25853 Grade

8 Non-welded Lifting Chains

GB/T 26951 Nondestructive testing of welds - Magnetic particle testing

GB/T 26952-2011 Non-destructive testing of welds - Magnetic particle testing of welds - Acceptance grade

GB/T 29712-2023 Acceptance Levels of Ultrasonic Testing for Non-destructive Testing of Welds

GB/T 37400.3-2019 General Technical Conditions for Heavy Machinery Part