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YB

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YB/T 5359-2020

Compacted strand ropes

压实股钢丝绳

(English Translation)

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yb-t-5359-2020

1 Foreword

YB/T 5359-2020 was issued by Ministry of Industry and Information Technology on 9 December 2020.

2 Scope

This standard specifies the terms and definitions, classification and mark, order content, materials, technical requirements, test methods, inspection rules, acceptance methods, packaging, marking, and product quality certificate, as well as safe use and maintenance of compacted strand ropes. This standard is applicable to compacted strand ropes [hereinafter referred to as "rope(s)"] used for mine shaft lifting, blast furnace hoisting, large pouring, petroleum drilling, large hoisting, boat, offshore facility, aerial ropeway, construction machinery and hoisting machinery, etc.

3 Normative references

GB/T 228.1 - Metallic materials - Tensile testing - Part 1: Method of test at room temperature

GB/T 238 - Metallic materials - Wire - Reverse bend test

GB/T 239.1 - Metallic materials - Wire - Part 1: Simple torsion test

GB/T 1839 - Test method for gravimetric determination of the mass per unit area of galvanized coatings on steel products

GB/T 2104 - Steel wire ropes - Packing, marking and certificate - General requirements

GB/T 8358 - Steel wire ropes - Determination of measured breaking force

GB/T 8706 - Steel wire ropes - Vocabulary, designation and classification

GB/T 21965 - Steel wire ropes - Vocabulary for acceptance and defect

GB/T 29086 - Steel wire ropes - Safety - Use and maintenance

YB/T 081 - Rule for rounding off of numberical values and judgement of testing values for technical standards of metallurgy

YB/T 4452 - Fibre cores for steel wire ropes

YB/T 4613 - Greases for steel wire rope

YB/T 5343 - Steel wire for ropes

YB/T 5357 - Non-ferrous metallic coatings on steel wire - Zinc or zinc-5% aluminum alloy

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coating

4 About this standard

Sector: Ferrous Metallurgy

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English translation: about 15 pages (approximate)

5 Classification and status

Prefix YB/T: recommended standard.

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