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GB/T 2981-2014

Replacing GB/T 2981-2001

Technical specification of pneumatic tyres for industrial vehicles

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Foreword

This Standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This Standard replaces GB/T 2981-2001 Technical specification of pneumatic tyres for industrial vehicles. Compared with GB/T 2981-2001, the main technical differences are as follows:

- adjusted the indicators of physical and mechanical properties of tyre; deleted the physical and mechanical properties of pad (3.2 of Edition 2001, 3.2 of this Edition);
- added the requirements for pad (4.5 of this Edition);
- added the requirements for defects that a variety of tires do not allow to have serious impact on the service life (4.4 of this Edition);
- deleted the inspection rules (Clause 5 of Edition 2001);
- added the determination method for outer edge size after tyre inflating (5.1 of this Edition);
- improved the content of marks; deleted marking requirements for pad; “place name” was modified to “place of origin” (4.6 of this Edition).

This Standard was proposed by China Petroleum and Chemical Industry Federation.

This Standard shall be under the jurisdiction of National Technical Committee on Tyres and Rims of Standardization Administration of China (SAC/TC 19).

Main drafting organizations of this Standard: Shandong Linglong Tire Co., Ltd., Zhongce Rubber Group Co., Ltd., Xuzhou Xu Wheel Rubber Co., Ltd., Anhui Jiatong Tire Co., Ltd., Guizhou Tire Co., Ltd., Triangle Tire Co., Ltd., Xiamen Tungsten Co., Ltd., Double Star Group Co., Ltd., Beijing Rubber Industry Research and Design Institute.

Main drafters of this Standard: Chen Shaomei, Li Zhuwu, Pei Xiaohui, Huang Xuehai, Qiu Yi, Xu Xin'an, Hu Jilin, Li Fuxiang, Xu Lihong, Mu Shouyong.

Versions of standard substituted by this Standard are:

- GB/T 2981-1982, GB/T 2981-1991, GB/T 2981-2001.

Technical specification of pneumatic tyres for industrial vehicles

1 Scope

This Standard specifies the terms and definitions, requirements, test methods, marks, packaging, use and maintenance of pneumatic tyres for industrial vehicles.

This Standard is applicable to pneumatic tyres (including cover tyre and pad) for industrial vehicles such as balance forklift, tractor and flatbed truck.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

GB/T 519, *Test method for measuring physical properties of pneumatic tyres*

GB/T 521, *Test method of measuring peripheral dimensions for tyres*

GB/T 528, *Determination of tensile properties of vulcanized rubber and thermoplastic rubber*

GB/T 531, *Rubber vulcanized or thermoplastic - Determination of indentation hardness*

GB/T 532, *Rubber, vulcanized or thermoplastic-Determination of adhesion to textile fabric*

GB/T 1689, *Rubber vulcanized. Determination of abrasion resistance(Akron machine)*

GB/T 2982, *Series of industrial tyres*

GB/T 6326, *Tyre terms and definitions*

GB/T 9768, *Regulation of application and maintenance of tyres*

HG/T 2177, *Appearance quality of tyres*

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