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**Thresholds and grading of coast-by noise for motor
vehicle tyres**

汽车轮胎惯性滑行通过噪声限值 and 等级

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Foreword

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

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).

The drafting organizations of this Standard: Beijing Rubber Industry Research and Design Institute Co., Ltd., Anhui Detech Automobile Testing Center Co., Ltd., Triangle Tire Co., Ltd., Shandong Linglong Tire Co., Ltd., Double Star Group Co., Ltd., Double Coin Group Shanghai Tire Research Institute Co., Ltd., Zhongce Rubber Group Co., Ltd., Sailun Group Co., Ltd., Anhui Jiatong Passenger Radial Tire Co., Ltd., Wanli Tire Co., Ltd., Fengshen Tire Co., Ltd., Chaoyang Langma Tire Co., Ltd., Qingdao Senkirin Tire Co., Ltd., Sichuan Tire & Rubber (Group) Co., Ltd., Shandong Jinyu Tire Co., Ltd., Tongji University, China Quality Certification Center, Xiamen Zhengxin Rubber Industry Co., Ltd., Pulin Chengshan (Shandong) Tire Co., Ltd., Jiangsu General Technology Co., Ltd., Shandong Huasheng Rubber Co., Ltd., Guizhou Tire Co., Ltd., Shandong Xinghongyuan Tire Co., Ltd., Shandong Zhongren Bureau Veritas Testing Technology Co., Ltd., Beijing Zhongqihua Standard Measurement and Control Technology Co., Ltd., Shandong Fengyuan Tire Manufacturing Co., Ltd., Michelin (China) Investment Co., Ltd., Continental Tire (China) Co., Ltd., Bridgestone (China) Investment Co., Ltd., Dalian Goodyear Tire Co., Ltd., Sumitomo Rubber (China) Co., Ltd., Hankook Tire Co., Ltd., Yokohama Rubber Co., Ltd., SAIC-GM-Wuling Automobile Co., Ltd., Nanjing Iveco Automobile Co., Ltd.

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Thresholds and grading of coast-by noise for motor vehicle tyres

1 Scope

This Standard specifies the thresholds and grading requirements and test methods for coast-by noise for motor vehicle tyres.

This Standard is applicable to new vehicle radial tyres and new mini, light truck radial tyres and new truck radial tyres, excluding tyres with nominal rim diameter ≤ 10 inches and nominal rim diameter ≥ 25 inches, T-type spare tyres for temporary use only, special ST metric tyres for road trailers, high-passability radial tyres for light truck vehicle, heavy truck tyres with a speed capability of 80km/h (not included), racing tyres, studded tyres and professional off-road tyres.

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 6326, *Tyre terms and definitions*

GB/T 22036, *Coast-by methods for measurement of tyre-to-road sound emission*

3 Terms and definitions

For the purposes of this document, the terms and definitions defined in GB/T 6326 as well as the followings apply.

3.1 traction tyre

Tyres that are mainly designed for driving wheels of vehicles. Compared with ordinary tyres, this type of tyre has better gripping performance and can transmit the power of the vehicle to the maximum extent. The tyre tread has at least 2 circumferential strip patterns. Each pattern contains no less than 30 pattern blocks. These blocks are separated by grooves and small sipes that are

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