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摩托车和轻便摩托车制动性能要求及试验方法
Performance and Measurement Method for Braking of
Motorcycles and Mopeds

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Performance and Measurement Method for Braking of Motorcycles and Mopeds

1 SCOPE

This Standard specifies the performance requirements and test methods for the braking of motorcycles and mopeds.

This Standard applies to motorcycles and mopeds.

This Standard doesn't apply to the vehicles for handicapped driving.

2 NORMATIVE REFERENCES

The following standards contain provisions which, through reference in this text, constitute provisions of this standard. For dated references, subsequent amendments (corrigenda excluded) to, or revisions of, any of these publications do not apply. However, parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. For undated references, the latest edition of the normative documents referred to applies.

GB/T 5359.4	Term for motorcycles and mopeds - Part 4: Mass of vehicle with two and three-wheels
GB/T 5378	Methods of road test for motorcycles and mopeds
GB/T 15089-2001	Classification of power-driven vehicles and trailers
ASTM E867	Terminology Relating to Vehicle-Pavement Systems
ASTM E1136	Specification for A Radial Standard Reference Test Tire
ASTM F408	Test Method for Tires for Wet Traction in Straight-Ahead Braking, Using a Towed Trailer
ASTM F457	Test Method for Speed and Distance Calibration of Fifth Wheel Equipped With Either Analog or Digital Instrumentation

3 TERMS AND DEFINITIONS

For the purpose of this standard, the definition of Category L vehicles established in GB/T 15089-2001 and the following terms and definitions apply.

3.1

Brake system

"Brake system" means the combination of parts whose function is progressively to reduce the speed of a moving vehicle or to bring it to a halt, or to keep it stationary if it is already halted. The device consists of the control, transmission and brake, but excluding the engine.

3.2

Control

"Control" means the part actuated directly by the driver to furnish to the transmission the energy required for braking or controlling.

3.3

Transmission

"Transmission" means the combination of components that provide the functional link between the control and the brake.

3.4

Brake

"Brake" means the parts of the braking system in which the forces opposing the movement of the vehicle are developed.

3.5

Service brake system

"Service brake system" means a brake system which is used for slowing the vehicle when in motion.

3.6

Secondary brake system

"Secondary brake system" means the second service brake system on a vehicle equipped with a



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