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Requirements and Testing Methods of Warning Sound
for Vehicle Reversing
车辆倒车提示音要求及试验方法

(English Translation)

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Requirements and Testing Methods of Warning Sound for Vehicle Reversing

1 SCOPE

This document specifies the terms and definitions, requirements and test methods of warning sound for vehicle reversing.

This document applies to the vehicles of categories N₂, N₃, M₂ (maximum design total mass > 3,500 kg) and M₃, while for other vehicles this document may be used as a reference.

2 NORMATIVE REFERENCES

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

GB/T 3785.1	Electroacoustics - Sound level meters - Part 1: Specifications
GB/T 15173	Electroacoustics - Sound calibrators
GB/T 22157	Acoustics—Specification of test tracks for measuring noise emitted by road vehicles and their tyres
GB/T 28046.4-2011	Road vehicles - Environmental conditions and testing for electrical and electronic equipment - Part 4: Climatic loads
GB/T 30038	Road vehicles - Degrees of protection (IP-Code) - Protection of electrical equipment against foreign objects, water and access
GB/T 34828	Acoustics—Test methods for the qualification of free-field environments

3 TERMS AND DEFINITIONS

For the purposes of this document, the following terms and definitions apply.

3.1 warning sound for vehicle reversing

a sound that is emitted to the rear adjacent area of the vehicle and can alert the other road users when the vehicle is reversing

Note: hereinafter referred to as “warning sound”.

3.2 warning sound device for vehicle reversing

a device that is installed in the specified area of the vehicle and can give audible warning when the vehicle is reversing

Note: hereinafter referred to as “warning sound device”.



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