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**Road vehicles — Sound signalling  
devices — Tests after mounting on vehicle**

*Véhicules routiers — Avertisseurs sonores — Essais après montage sur  
le véhicule*



## Foreword

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Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 6969 was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 3, *Electrical and electronic equipment*.

This second edition cancels and replaces the first edition (ISO 6969:1981), of which it constitutes a technical revision.

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# Road vehicles — Sound signalling devices — Tests after mounting on vehicle

## 1 Scope

This International Standard specifies the testing of sound signalling devices in accordance with ISO 512, to be carried out after mounting on the vehicle.

It is applicable exclusively to the testing of acoustical properties of sound signalling devices mounted on new types of road vehicles.

## 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 512:1979, *Road vehicles — Sound signalling devices — Technical specifications*.

IEC 60051 (all parts), *Direct acting indicating analogue electrical measuring instruments and their accessories*.

IEC 60651:1979, *Sound level meters*.

## 3 Measuring apparatus

The measurement of sound pressure levels shall be made using a sound level meter in accordance with IEC 60651.

When a device for protection against wind is used, its effect on the measuring accuracy shall be taken into account according to the indications of the manufacturer.

The electrical measurements shall be made using instruments of the class 0,5 as specified in IEC 60051.

The measurements of length shall be made with a maximum error of 0,1 m.

## 4 Expression of results

The results of the measurements of the sound pressure levels shall be in relation to  $2 \times 10^{-5}$  Pa (N/m<sup>2</sup>), weighted in accordance with curve A as specified in IEC 60651, and the results expressed in decibels (A).