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

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



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Foreword

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The main task of technical committees is to prepare International Standards. 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.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

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

This third edition cancels and replaces the second edition (ISO 6969:1999), which has been technically revised.

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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.

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.

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

IEC 61672 (all parts), *Electroacoustics — Sound level meters* ¹⁾

3 Measuring apparatus

The measurement of sound pressure levels shall be made using a sound level meter in accordance with IEC 61672.

When a device for protection of the sound level meter 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 61672.

The measurements of lengths shall be made with a tolerance of $\pm 0,05$ m.

4 Expression of results

The results of the measurements of the sound pressure levels shall be in relation to 2×10^{-5} Pa (N/m²), weighted in accordance with curve A as specified in IEC 61672, with the A-weighted results expressed in decibels.

1) Replaces IEC 60651.