

**BUREAU OF INDIAN STANDARDS**

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**AMENDMENT NO. 4**  
**TO**  
**IS 15796: 2008 AUTOMOTIVE VEHICLES AND AGRICULTURAL TRACTORS — HORN**  
**INSTALLATION REQUIREMENTS**

ICS: 43.040.20

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Automotive Electrical Equipment and Instruments Sectional Committee, TED 11	Last Date for Comments: <b>05/10/2025</b>
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IS 15796: 2008  
AUTOMOTIVE VEHICLES AND AGRICULTURAL TRACTORS — HORN  
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(Page 1, *Clause 2*) — Substitute the following for existing:

**‘2 REFERENCES**

The following standards contain provisions, which through reference in this text constitute provisions of the standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent edition of the standards indicated below:

<i>IS No.</i>	<i>Title</i>
IS 1884: 1993	Automotive vehicles — Electric horns — Specification ( <i>Third Revision</i> )
IS 15575 (Part 1): 2016	Electroacoustics — Sound Level Meters — Part 1: Specifications
IS 15575 (Part 2):2023	Electroacoustics — Sound Level Meters — Part 2: Pattern Evaluation Tests’

(Page 1, *Clause 6.2.1*) — Substitute the following for the existing.

**‘6.2.1** The measurement of the sound pressure levels shall be made using a sound level meter in accordance with IS 15575-1 and IS 15575- 2 for and using the weighting curve-A.’

[Page 1, *Clause 6.2.2* (*see also Amendment No. 2*)] — Substitute the following for the existing:

**‘6.2.2** The sound signalling device shall be operated at test voltages of 6.5V, 13V, 26V, 52V with tolerance of  $\pm 0.5$  V, measured at the terminals of the source and corresponding respectively to rated voltage of 6V, 12V, 24V, 48V. A calibrated power supply may be used for operating the sound signalling device.’

NOTE — In case of Battery-operated Vehicles (BOV), alternatively vehicle rated voltage can be considered as Test voltage based on the recommendation of the OEM.’

(Page 2, *Clause 6.2.4*) — Substitute the following for existing:

**‘6.2.4** The A-weighted sound pressure level emitted by the Horn fitted on the vehicle shall be measured at a distance of  $7.00 \pm 0.10$  m in front of the vehicle, which is being placed on an open site (*see figure 1 in Annex B*), on flat concrete or asphalt surface.

In case of Horn supplied with direct current, the test voltage shall be supplied by either:

(a) The vehicle battery only; or

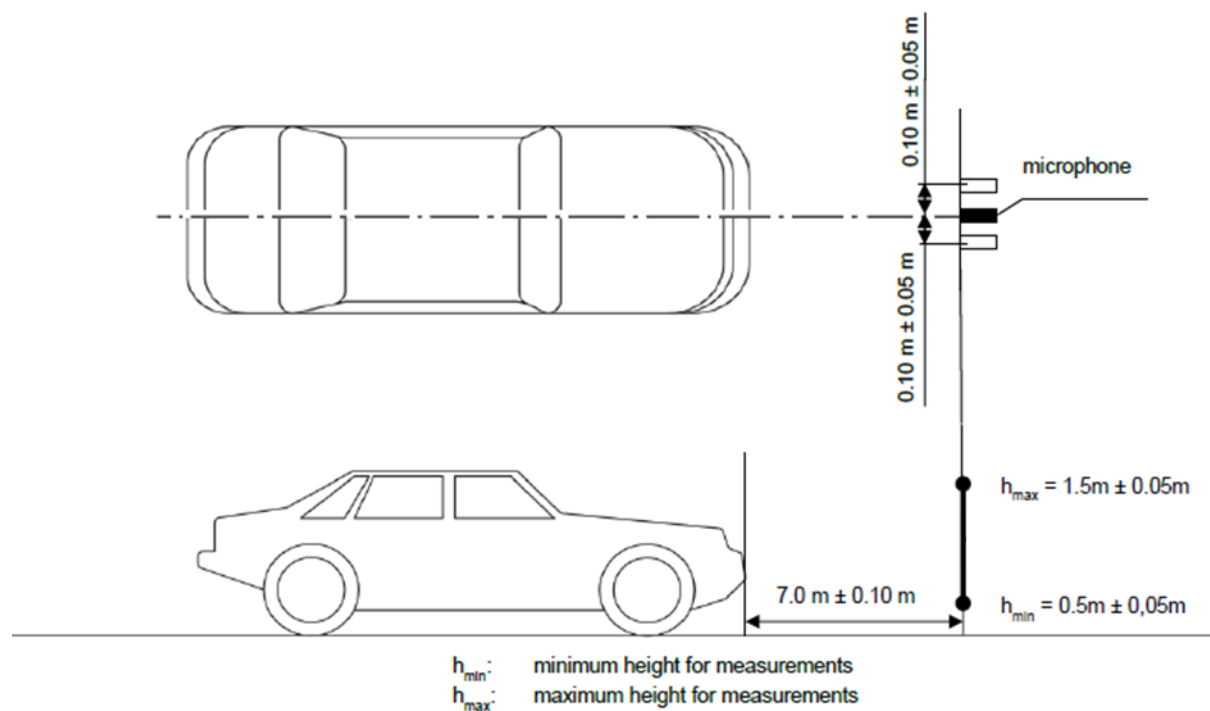
- (b) The vehicle battery with the vehicle engine warmed-up and at idle; or
- (c) With an external power source supply connected to the Horn.'

(Page 2, Clause 6.2.5) — Substitute the following for the existing:

**‘6.2.5** The microphone of the measuring instrument shall be placed approximately ( $\pm 0.10$  m) in the mean longitudinal plane of the vehicle.’

(Page 3, ANNEX A) — Insert the following after the ANNEX A.

**ANNEX B**  
(Clause 6.2.4)



**Fig. 1 Microphone Positions for Measurements of Horn Sound Pressure Level of Motor Vehicles**