

REVIEW ANALYSIS OF INDIAN STANDARD

(To be submitted to the Sectional Committee)

1. **Sectional Committee No. & Title:** LITD 09-Electromagnetic Compatibility Sectional Committee
2. **IS No:** IS 10052 (Part 1/Sec 6): 2022
3. **Title:** Specification for radio disturbance and immunity measuring apparatus and methods Part 1 Radio disturbance and immunity measuring apparatus Section 6 EMC antenna calibration
4. **Date of review:** December 2024
5. **Review Analysis**

- i) **Status of standard(s), if any from which assistance had been drawn in the formulation of this IS.**

Standard (No. & Title)	Whether the standard has since been revised	Major changes	Action proposed
CISPR 16-1-6 : 2017 Specification for radio disturbance and immunity measuring apparatus and methods — Part 1-6: Radio disturbance and immunity measuring apparatus — EMC antenna calibration	There were two amendments published to CISPR 16-1-6:2017, namely AMD1:2017 and AMD2:2022	No change	An amendment CISPR 16-1-6: 2014 + AMD 1: 2017 has been adopted in IS 10052 (Part 1/Sec 6): 2022 AMD2:2022 published to CISPR 16-1-6:2014. may be taken up for adoption or the IS 10052 (Part 1/Sec 6): 2022 may be revised to

			CSV version for alignment.
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ii) **Status of standards referred in the IS**

Referred standards (No. & Title)	IS No. of this standards since revised	Changes that are of affecting the standard under review	Action proposed
CISPR 16-1-4:2010 Specification for radio disturbance and immunity measuring apparatus and methods – Part 1-4: Radio disturbance and immunity measuring apparatus – Antennas and test sites for radiated disturbance measurements CISPR 16-1-4:2010/AMD 1:2012	The international standard has been revised by CISPR 16-1-4:2019 CISPR 16-1-4:2019 along with both the amendments has been adopted as IS 10052 (Part 1/Sec 4) : 2024	This part of CISPR 16 specifies the characteristics and performance of equipment for the measurement of radiated disturbances in the frequency range 9 kHz to 18 GHz. Specifications for antennas and test sites are included.	Latest version may be referred
CISPR 16-1-5:2014 Specification for radio disturbance and immunity measuring apparatus and methods – Part 1-5: Radio disturbance and immunity measuring apparatus – Antenna calibration sites and reference test sites for 5 MHz to 18 GHz	The latest amendment needs to be taken up for adoption CISPR 16-1-5:2014/AMD1:2016	No change	No Action required
IEC 60050-161 International Electrotechnical Vocabulary (IEV) – Chapter 161: Electromagnetic compatibility	For undated references, the latest edition of the referenced document (including any amendments) applies. IEC 60050-161:1990/AMD10:2021	No change	The given referred standard is undated hence no action required

ISO/IEC Guide 98-3:2008, Uncertainty of measurement – Part 3: Guide to the expression of uncertainty in measurement (GUM:1995)	The latest amendment needs to be taken up for adoption ISO/IEC Guide 98-3:2008/Suppl 2:2011	ISO/IEC Guide 98-3/Suppl.2 was prepared by Working Group 1 of the Joint Committee for Guides in Metrology (as JCGM 102:2011), and was adopted by the national bodies of ISO and IEC.	Latest version may be referred
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iii) **Any other standards available related to the subject & scope of the standard being reviewed (International/regional/other national/association/consortia, etc or of new or revision of existing Indian Standard)**

Standard (No. & Title)	Provisions that could be relevant while reviewing the IS	Action proposed
NIL	NIL	NIL

iv) **Technical comments on the standard received, if any**

Source	Clause of IS	Comment	Action proposed
NIL	NIL	NIL	NIL

v) **Information available on technical developments that have taken place (on product/processes/practices/use or application/testing/input materials, etc)**

Source	Development	Relevant clause of the IS under review that is likely to be impacted (Clause & IS No.)	Action proposed
NIL	NIL	NIL	NIL

vi) **Issues arising out of changes in any related IS or due to formulation of new Indian Standard**

Related IS and its Title (revised or new)	Provision in the IS under review that would be impacted & the clause no. or addition of new clause/provision	Changes that may be necessary in the Standards under review	Action proposed
NIL	NIL	NIL	NIL

vii) Any consequential changes to be considered in other IS

Related IS to get impacted	Requirements to be impacted
NIL	NIL

6. Any other observation: NIL

- 7. Recommendations:** This Indian standard IS 10052 (Part 1/Sec 6): 2022 is identical with CISPR 16-1-6: 2017 “Specification for radio disturbance and immunity measuring apparatus and methods — Part 1-6: Radio disturbance and immunity measuring apparatus — EMC antenna calibration” As the base CISPR Standard has not been revised and the latest amendment may be taken up for adoption, the Indian Standard IS 10052 (Part 1/Sec 6): 2022 may be reaffirmed.