



BUREAU OF INDIAN STANDARDS/भारतीय मानक ब्यूरो
Electronics and IT Department/इलेक्ट्रॉनिक्स और सूचना प्रौद्योगिकी विभाग

RESOLUTIONS

<u>Resolution Number</u>	<u>Resolutions</u>
	<p>14th meeting of “Electromagnetic Compatibility Sectional Committee”, LITD 09</p> <p>Chairman: Mr. Dr. B. Subbarao, Programme Director, Ministry of Electronics & Information Technology - Society for Applied Microwave Electronics Engineering & Research (SAMEER), Vishakhapatnam</p> <p>Member Secretary: Ms. Jyoti Kushwaha, Sc-D and Joint Director (LITD)</p>
LITD/09/14/RN-01	<p>The committee decided to finalize the following drafts under wide circulation:</p> <ol style="list-style-type: none">1. LITD/09/24954 IS 14700 : Part 1 : Sec 1: 20002. LITD/09/24955 IS 14700 : Part 4 : Sec 6: 20163. LITD/09/24956 (Identical To: IEC TR 61000-5-1: 2023)4. LITD/09/24959 (Identical To: IEC/IEEE 62209-1528:2020)5. LITD/09/25161 (Identical To: CISPR 25 : 2021)6. LITD/09/25162 (Identical To: IEC 62232:2022)7. LITD/09/25163 (Identical To: IEC/IEEE 63195-1:2022)8. LITD/09/25164 (Identical To: IEC/IEEE 63195-2:2022)
LITD/09/14/RN-02	<p>The committee further decided to circulate the list of various Working Groups in IEC TC 77, TC 77/SC 77A, TC 77/SC 77B, TC 77/SC 77C, IEC CISPR, CIS/A, CIS/B, CIS/D, CIS/F, CIS/H, CIS/I and IEC TC 106 along with brief background of the work being carried out in these committees for information dissemination to all members.</p> <p>Committee members are to accordingly volunteer for registration as experts in these working groups as per their expertise area by identifying and sharing at least one active project in the respective working group along with a brief of their experience.</p> <p>Additionally, members are encouraged to recommend other subject matter experts to be included in the activities of each domain within the working groups</p>
LITD/09/14/RN-03	<p>The committee decided to create the following Working Group, WG 1, for Revision of the draft LITD/09/24957 (Identical To IEC 61000-5-2:1997) Electromagnetic Compatibility EMC Part 5: Installation and Mitigation Guidelines Section 2: Earthing and Cabling. The WG would discuss the comments received on the document. A request for contributions will be</p>

	extended to all committee members, encouraging them to join the Working Group and actively participate in the development of the standard.
LITD/09/14/RN-04	The committee decided to create the following Working Groups, WG 2, for revision of IS 6873 (Part 4): 2019 Limits and Methods of Measurement of Radio Disturbance Characteristics Part 4 Industrial Scientific and Medical Radio-Frequency Equipment Second Revision. The WG would discuss the document in view of the revised CISPR 11:2024 and also analyse the standard in terms of the Indian ecosystem. Furthermore, a formal call for contributions will be issued to all committee members, inviting them to participate in the group through email.
LITD/09/14/RN-05	<p>The committee decided to reaffirm the following standards based on the review sheet circulated by the secretariat and relevance of the documents:</p> <ol style="list-style-type: none"> 1. IS 12233 (Part 1): 2018 Radio interference characteristics of overhead power lines and high - Voltage equipment: Part 1 description of phenomena 2. IS 14700 (Part 4/Sec 1): 2019 Electromagnetic compatibility (EMC): Part 4 testing and measurement techniques: Sec 1 overview of the IEC 61000 - 4 series (Second Revision) 3. IS 14700 (Part 4/Sec 9): 2019 Electromagnetic compatibility (EMC): Part 4 testing and measurement techniques: Sec 9 impulse magnetic field immunity test (Second Revision) 4. IS 14700 (Part 4/Sec 12): 2019 Electromagnetic compatibility (EMC): Part 4 testing and measurement techniques: Sec 12 ring wave immunity test (Second Revision) 5. IS 14700 (Part 4/Sec 13): 2016 Electromagnetic compatibility (EMC): Part 4 testing and measurement techniques: Sec 13 harmonics and interharmonics including mains signaling at a.c. power port, low frequency immunity test 6. IS 14700 (Part 4/Sec 16): 2019 Electromagnetic compatibility (EMC): Part 4 testing and measurement techniques: Sec 16 test for immunity to conducted, common mode disturbances in the frequency range 0 hz to 150 kHz (Second Revision) 7. IS 14700 (Part 6/Sec 1): 2019 Electromagnetic Compatibility (EMC) Part 6 Generic Standards Section 1 Immunity standard for residential, commercial and light-industrial environments (First Revision) 8. IS 14700 (Part 6/Sec 2): 2019 Electromagnetic Compatibility (EMC) Part 6 Generic Standards Section 2 Immunity standard for industrial environments (First Revision) 9. IS 15874: 2009 Industrial, scientific and medical equipment (ISM) - Guidelines for emission levels within the bands designated by the ITU 10. IS/CISPR TR 29: 2020 Television broadcast receivers and associated equipment Immunity characteristics Methods of objective picture assessment 11. IS/IEC 62209-3: 2019 Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices Part 3: Vector measurement-based systems Frequency range of 600 MHz to 6 Ghz)

	<p>12. IS 6873 (Part 1): 2010 Limits and methods of measurements of radio disturbance characteristics: Part 1 vehicles, boats and internal combustion engines (Third Revision)</p> <p>13. IS 6873 (Part 5): 2019 Limits and Methods of Measurement of Radio Disturbance Characteristics Part 5 Electrical Lighting and Similar Equipment (Third Revision)</p> <p>14. IS 10052 (Part 1/Sec 6): 2022 Specification for radio disturbance and immunity measuring apparatus and methods Part 1 Radio disturbance and immunity measuring apparatus Section 6 EMC antenna calibration</p> <p>15. IS 14700 (Part 4/Sec 3): 2018 Electromagnetic Compatibility (EMC) Part 4 Testing and Measurement Techniques Section 24 Test methods for protective devices for HEMP conducted disturbance (First Revision)</p> <p>16. IS 14700 (Part 4/Sec 5): 2019 Electromagnetic compatibility (EMC): Part 4 testing and measurement techniques: Sec 5 surge immunity test (First Revision)</p> <p>17. IS 1885 (Part 85): 2003 Electrotechnical vocabulary: Part 85 electromagnetic compatibility</p> <p>18. IS/CISPR 32: 2015 Electromagnetic Compatibility of Multimedia Equipment Emission Requirements</p>
LITD/09/14/RN-06	The committee decided to create the following Working Groups, WG 3, for review and confirm suitability regarding the adoption of CISPR 16-1-2:2014+AMD1:2017 CSV Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-2: Radio disturbance and immunity measuring apparatus - Coupling devices for conducted disturbance measurement.
LITD/09/14/RN-07	<p>The committee decided to issue the following International Standards directly in Wide Circulation for the period of two months as amendments to corresponding Indian Standards:</p> <ol style="list-style-type: none"> 1. Amendment CISPR 16-1-6:2014 AMD2:2022 CSV for alignment to IS 10052 (Part 1/Sec 6): 2022 2. Amendment IEC 61000-4-24:2015/AMD1:2023 for alignment to IS 14700 (Part 4/Sec 3): 2018 3. Amendment IEC 61000-4-5: 2014/AMD1:2017 for alignment to IS 14700 (Part 4/Sec 5): 2019 4. Amendment IEC 60050-161: 1990/ AMD10:2021 for alignment to IS 1885 (Part 85): 2003 5. Amendment CISPR 32:2015/AMD1:2019 for alignment to IS/CISPR 32: 2015
LITD/09/14/RN-08	The committee requested members to provide inputs share their inputs/comments on the ballots circulated.
LITD/09/14/RN-09	Member Secretary listed the major decisions of the recent TC 106 Plenary CISPR Plenary meetings which were placed at Annex 7 and ANNEX 8 of the Agenda respectively.
LITD/09/14/RN-10	<p>The committee recommended hosting the CISPR and IEC TC 77 Plenary and its Working Group meetings in India in 2025.</p> <p>The committee further recommended ensuring the participation of the Indian delegation in the upcoming IEC TC 106, CISPR, and IEC TC 77</p>

	Plenary and its Working Group meetings.
LITD/09/14/RN-11	The committee decided to co-opt the following organization in the committee compositions: <ol style="list-style-type: none">1. Apple India Private Limited2. National Federation of Engineers for Electrical Safety
LITD/09/14/RN-12	The committee LITD 09 thanked the chairman and all the members for their participation and decided to have the next meeting preferably in January second or third week, solely focussing on R&D Projects.