

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 14700 (Part 4/Sec 17) : 2018
3. **Title:** Electromagnetic compatibility (EMC): Part 4 testing and measurement techniques: Section 17 Ripple on d.c input Power Port Immunity Test
4. **Date of review:** 25 June 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
IEC 61000-4-17 : 2009 Electromagnetic compatibility (EMC) — Part 4-6: Testing and measurement techniques — Ripple on d.c. input power port immunity test'	Not Revised	No Change	No Action is Required

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
IS 1885 (Part 85) : 2003 Electrotechnical vocabulary: Part 85 Electromagnetic compatibility	Not Revised	No Changes	No action is required
IS 9000 (Part 1) : 1988 Basic environmental testing procedures for electronic and electrical items: Part 1 General (first revision)	This Indian standard has been withdrawn and superseded by IS/IEC 60068-1 : 2013 Environmental Testing Part 1 General and Guidance	–	The latest version of this Indian standard may updated as refer standard.

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	Action proposed

		(Clause & IS No.)	
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

6. Any other observation: NIL.

Recommendations: This Indian standard IS 14700 (Part 4/Sec 17) is identical with IEC 61000-4-17: 2009 ‘Electromagnetic compatibility (EMC) — Part 4: Testing and measurement techniques —Section 17 Ripple on D.C. input Power Port Immunity Test’ there is no any changes in the base International IEC standard. Therefore Committee may be decide to reaffirm this standard for a period of three years.