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**IS 1885 : Part 221:2021**  
**IEC 60050-221:1990**

*Indian Standard*

**Electrotechnical Vocabulary Chapter 221 : Magnetic materials and  
components**

**भारतीयमानक**

**विद्युत तकनीकी शब्दावली भाग 221: चुंबकीय पदार्थ और अवयव  
(प्रथमसंशोधन)**

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*Draft Indian Standard*

**Electrotechnical Vocabulary Chapter 221 : Magnetic materials and components**

Magnetic Components, Ferrite Materials, Piezoelectric and Frequency Control Devices  
Sectional Committee, LITD 24

**NATIONAL FOREWORD**

This Indian Standard (Part 221) which is identical with IEC 60050-221:1990 'International Electrotechnical Vocabulary Chapter 221: Magnetic materials and components' issued by International Electro technical Commission (IEC) was adopted by the Bureau of Indian Standards on the recommendations of the Magnetic Components, Ferrite Materials, Piezoelectric and Frequency Control Devices Sectional Committee, and approval of the Electronics and Information Technology Division Council.

This standard is superseding the IS 1885(Part 31):1971 and IS 1885(Part 41):1975, which has been undertaken to align it with the latest version of IEC 60050-221:1990. On publication of this Indian Standard, IS 1885(Part 31):1971 'Electrotechnical vocabulary: Part 31 magnetism' and IS 1885(Part 41):1975 'Electrotechnical vocabulary: Part 41 non - Reciprocal electromagnetic components' stands withdrawn.

Amendment 1, Amendment 2, Amendment 3 and Amendment 4 to this International Standard published in year 1993, 1999, 2007 and 2020 respectively are given at the end of this publication.

The text of ISO/IEC Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- (i) Wherever the words 'International Standard' appears referring to this standard, they should be read as 'Indian Standard'.
- (ii) Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with IS 2 : 1960 'Rules for rounding off numerical values (revised)'. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

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**Scope of IEC 60050-221:1990 is as follows:**

This part of IEC 60050 gives the terms and definitions for Magnetic materials and components representing the present state-of-the-art.

**Note: The Technical content of this document has not been enclosed as these are identical with the corresponding IEC Standard. For details please refer IEC 60050-221:1990 or kindly contact.**

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