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Draft IS 1885 (Part 59) 1986
IEC 60050-171:2019
September 2022

BUREAU OF INDIAN STANDARDS
DRAFT FOR COMMENTS ONLY

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Draft Indian Standard

ELECTROTECHNICAL VOCABULARY: PART 59 EDUCATIONAL OR
TRAINING EQUIPMENT AND SYSTEMS

(First Revision)

मसौदा भारतीय मानक

विद्युत तकनीकी शब्दावली: भाग 59 शैक्षणिक अथवा प्रशिक्षण उपकरण और पद्धतियाँ
(पहला संशोधन)

ICS: 17.140.50

LITD 36 Computer Hardware, Peripherals,
Office Equipment and User Interfaces

Last date for comments: 15 November 2022

NATIONAL FOREWORD

(Formal clauses will be added later)

This draft Indian Standard which is identical with IEC 60050-171 : 2019 International Electrotechnical Vocabulary (IEV) - Part 171 : ‘Digital technology - Fundamental concepts’ issued by IEC *will be* adopted by BIS, on the recommendation of the Computer Hardware, Peripherals, Office Equipment and User Interfaces Sectional Committee, LITD 36 and the approval of the Electronics and Information Technology Division Council.

This standard was originally published in 1986. The first revision *will align* this Indian Standard with IEC 60050-171 : 2019.

The text of IEC Standard *may be* 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:

- a) Wherever the words ‘International Standard’ appear referring to this standard, they should be read as ‘Indian Standard’.
- b) 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 same as that of the specified value in this standard.

Scope of IEC 60050-171:2019 is as follows:

This part of IEC 60050 gives the general terminology used in digital technology, as well as general terms pertaining to specific applications and associated technologies. This first edition cancels and replaces Section 101-12 of IEC 60050-101:1998 and Sections 714-21 to 714-24 of IEC 60050-714:1992. It has the status of a horizontal standard in accordance with IEC Guide 108, *Guidelines for ensuring the coherency of IEC publications – Application of horizontal standards*.

This terminology is consistent with the terminology developed in the other specialized parts of the IEV.

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This horizontal standard is primarily intended for use by technical committees in the preparation of standards in accordance with the principles laid down in IEC Guide 108.

One of the responsibilities of a technical committee is, wherever applicable, to make use of horizontal standards in the preparation of its publications.

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