

(PREVIEW)

Indian Standard

ELECTROTECHNICAL VOCABULARY

PART I FUNDAMENTAL DEFINITIONS

0. FOREWORD

0.1 This Indian Standard was adopted by the Indian Standards Institution on 23 December 1961, after the draft finalized by the Electro-technical Standards Sectional Committee had been approved by the Electrotechnical Division.

0.2 The definitions contained in this standard (Part I) have been drawn up with the object of striking a correct balance between absolute precision and simplicity. The principal object of the standard (Part I) is to provide definitions which are sufficiently clear so that each term is understood with the same meaning by all electrical engineers and it does not, therefore, constitute a treatise on electrical engineering. Thus, it may sometimes be felt that the definitions are not sufficiently precise, do not include all cases, do not take account of certain exceptions or are not identical with those which may be found in other publications designed with other objectives and for other readers. Such imperfections, which will be eliminated as far as possible in later editions of the standard, are inevitable and should be accepted in the interest of simplicity and clarity.

0.3 This standard (Part I) follows to a large extent the definitions recommended by the International Electrotechnical Commission (IEC) as contained in its Publication 50(05) International Electrotechnical Vocabulary (2nd edition): Group 05 Fundamental Definitions, which represents the consensus of international opinion on the subject.

0.4 It has not been found practicable to prepare the vocabulary as a complete volume. The work is, therefore, being issued in several parts each containing one or more sections.

1. SCOPE

1.1 This standard (Part I) defines fundamental terms used in electro-technology.