

(PREVIEW)

***Indian Standard***  
SPECIFICATION FOR  
DEFLECTION COIL UNITS USED  
WITH TV PICTURE TUBES

**PART I GENERAL REQUIREMENTS AND TESTS**

**0. FOREWORD**

**0.1** This Indian Standard ( Part I ) was adopted by the Indian Standards Institution on 15 May 1979, after the draft finalized by the Transformers and Inductors for Electronic Equipment Sectional Committee had been approved by the Electronics and Telecommunication Division Council.

**0.2** The object of this standard is to establish uniform requirements for the electrical, mechanical and climatic properties and test methods for deflection coil units used with TV picture tubes.

**0.3** It is recognized that in the case of components like deflection coil units, complete understanding of the requirements of the particular equipment is possible only if the indenting user gives details of all requirements. A list of such items for which the purchaser should furnish the information at the time of enquiry or order, has been included in Appendix A.

**0.4** The operation may require the use of NTC resistors and cover correction magnets to realise performance specification requirements if so called for in the design.

**0.5** This standard is largely based on JSS 54650 'General requirements for tube deflecting and tube focusing coils' issued by the Directorate of Standardization, Department of Defence Production, Ministry of Defence, New Delhi.

**0.6** This standard requires reference to IS : 589-1961\* as far as the details of the climatic and mechanical testing procedures are concerned. Only the relevant degrees of severity have been specified in this standard.

**0.7** 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, shall be rounded off in accordance with IS : 2-1960†.

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\*Basic climatic and mechanical durability tests for components for electronic and electrical equipment ( *revised* ).

†Rules for rounding off numerical values ( *revised* ).