

(PREVIEW)

*Indian Standard***REQUIREMENTS FOR GENERAL PURPOSE
AMPLITUDE MODULATED RADIO
FREQUENCY SIGNAL GENERATORS
(30 kc/s TO 30 Mc/s)****0. FOREWORD**

0.1 This Indian Standard was adopted by the Indian Standards Institution on 14 January 1963, after the draft finalized by the Electronic Equipment Sectional Committee had been approved by the Electro-technical Division Council

0.2 The object of this standard is to recommend certain minimum levels of performance that should be expected of general purpose amplitude modulated (sinusoidal modulation) radio frequency signal generator operating in the frequency range of 30 kc/s to 30 Mc/s intended for general purposes such as aligning broadcast radio receivers, servicing, etc.

0.2.1 This standard also covers characteristics that are to be included in the manufacturer's specification for individual instruments and it is anticipated that this standard would ensure a uniform presentation of these characteristics by manufacturers.

0.2.2 This standard does not cover general requirements, such as climatic, mechanical and physical requirements. With regard to safety requirements, the signal generator should satisfy the requirements of IS : 616-1957 Indian Standard Code of Safety Requirements for Mains-Operated Radio Receivers, in so far as it is applicable to this standard.

0.3 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 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.

0.4 This standard is intended chiefly to cover the technical provisions relating to the requirements of general purpose amplitude modulated radio frequency signal generators (30 kc/s to 30 Mc/s), and it does not include all the necessary provisions of a contract.

IS : 2321 - 1963

1. SCOPE

1.1 This standard covers recommendations for minimum performance requirements for general purpose radio frequency amplitude modulated (sinusoidal modulation) signal generators operating in the frequency range of 30 kc/s to 30 Mc/s.

1.1.1 In this standard, AC mains operated as well as battery operated signal generators are covered.