

(PREVIEW)

Indian Standard

SPECIFICATION FOR EQUIPMENT FOR ENVIRONMENTAL TESTS FOR ELECTRONIC AND ELECTRICAL ITEMS

PART 8 DUST CHAMBER

0. FOREWORD

0.1 This Indian Standard (Part 8) was adopted by the Indian Standards Institution on 11 July 1984, after the draft finalized by the Environmental Testing Procedures Sectional Committee had been approved by the Electronics and Telecommunication Division Council.

0.2 This standard (Part 8) guides the environmental equipment manufacturers with respect to broad specifications for their equipment and to assist the users of such equipment to properly define their requirements in the indent for the equipment. The requirements of the equipment largely depend on the environmental conditions to be simulated or created. It is expected that this standard will harmonize the requirements of the equipment manufactured by various manufacturers.

0.3 Certain requirements have been specified in a general form in view of practical difficulties in defining such requirements quantitatively. It is expected, with the experience gained, more precise requirements will be laid down for such equipment.

0.4 An overall performance assessment of the complete equipment for a short duration has been included although it may be realized that it may not be entirely sufficient. This will at least ensure the functional performance and operability of the equipment. Many of the constructional requirements specified may be checked through visual examination.

0.5 In view of the subjective nature of some of the requirements, sufficient care shall be taken in using this standard.

1. SCOPE

1.1 This standard (Part 8) lays down guiding requirements for the design of dust chamber required for carrying out dust test in accordance with IS : 9000 (Part 12)-1981*.

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