

Basic environmental testing procedures —

Part 2.2: Guidance —

Test N: Guidance on change of temperature tests

(This Part should be read in conjunction with Part 1.1 General)

UDC [621.37/.39].001.4:620.169.1:620.179.13

Foreword

This British Standard has been prepared under the direction of the General Electrotechnical Engineering Standards Committee. It is identical with IEC Publication 68-2-33:1971 “*Basic environmental testing procedures. Part 2: Tests: Guidance on change of temperature tests*”.

Amendment No. 1 to this British Standard was issued to implement Amendment No. 1 (1978) to IEC Publication 68-2-33:1971.

Terminology. The text of the IEC Publication has been accepted as suitable for publication, without deviation, as a British Standard. Certain terminology is used, however, that is not identical with that used in British Standards. Attention is therefore drawn to the following.

Where the word “Recommendation”, relating to this publication, appears, it should be interpreted as “British Standard”.

Cross references. For each of the following references to other IEC Publications that are given in the text, there is an equivalent British Standard; these are listed below.

Reference to IEC Publication	Equivalent British Standard
IEC 68-2-14 <i>Basic environmental testing procedures</i> Part 2 <i>Tests: Test N Change of temperature</i>	BS 2011-2.1N <i>Basic environmental testing procedures</i> Part 2.1 <i>Tests: Test N Change of temperature</i>
IEC 68-2-17 <i>Basic Environmental testing procedures</i> Part 2 <i>Tests: Test Q Sealing</i>	BS 2011-2.1Q <i>Basic environmental testing procedures</i> Part 2.1 <i>Tests: Test Q Sealing</i>
IEC 68-2-6 <i>Basic environmental testing procedures</i> Part 2 <i>Tests: Test Fc Vibration</i>	BS 2011-2.1Fc <i>Basic environmental testing procedures</i> Part 2.1 <i>Tests: Test Fc Vibration (sinusoidal)</i>
IEC 68-2-4 <i>Basic environmental testing procedures</i> Part 2 <i>Tests: Test D Accelerated damp heat</i>	BS 2011-2.1Da <i>Basic environmental testing procedures</i> Part 2.1 <i>Tests: Test Da Accelerated damp heat</i>

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 4 and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

Amendments issued since publication

Amd. No.	Date of issue	Comments
3702	December 1981	Indicated by a sideline in the margin

This British Standard, having been prepared under the direction of the General Electrotechnical Engineering Standards Committee, was published under the authority of the Executive Board on 31 August 1977

© BSI 09-1999

The following BSI references relate to the work on this standard:
Committee reference GEL/15
Draft for approval 76/26765

ISBN 0 580 09553 3

Contents

	Page
Foreword	Inside front cover
1 Introduction	1
2 Field conditions of changing temperature	1
3 Basic philosophy	1
4 Reproducibility of change of temperature tests	3
5 Guidance for the selection of the kind of test	3
6 Conclusions	3
Figure 1	4