

Basic environmental testing procedures —

Part 2.1: Tests —

Test Kd: Hydrogen sulphide test for contacts and connections

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

UDC [621.37/.39] .001.4:620.169.1:621.316.3/.5:620.193.46:546.221.1

Foreword

This British Standard has been prepared under the direction of the General Electrotechnical Engineering Standards Committee. It is identical with IEC Publication 68-2-43:1976 “*Basic environmental testing procedures — Part 2: Tests — Test Kd: Hydrogen sulphide test for contacts and connections*”.

Cross reference. For the following specific reference to the IEC Publication referred to in the text, the equivalent British Standard reference is given below.

Reference to IEC Publication	Equivalent British Standard
IEC 130-1:1962 <i>Connectors for frequencies below 3 MHz</i> Part 1: <i>General requirements and measuring methods, (14.1.1)</i>	BS 9520:1974 <i>Electrical connectors of assessed quality for frequencies below 3 MHz: generic data and methods of test, (1.2.4.1).</i>

NOTE There are as yet no equivalent British Standards for the other IEC Publications referred to. The committee responsible for this standard has studied the IEC Publications and confirms that, for the purposes of this standard, their technical requirements are acceptable.

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	Comments

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 08-1999

The following BSI references relate to the work on this standard:
Committee reference GEL/15
Draft for approval 77/21386

ISBN 0 580 09634 3

Contents

	Page
Foreword	Inside front cover
1 General	1
2 Object	1
3 Test chamber	1
4 Test atmosphere	1
5 Initial measurements	1
6 Conditioning	2
7 Final measurements	2
8 Information to be given in the relevant specification	2
Appendix A Generation of the conditioning atmosphere	3
Figure 1 — Schematic drawing of apparatus with generation of conditioning atmosphere	4