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(IEC 68-2-43 : 1976)

Basic environmental testing procedures Part 2 : Tests Test Kd : Hydrogen sulphide test for contacts and connections

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Full document details: JIS C 60068-2-43-1993 (JIS C 0092-1993)

Foreword

This translation has been made based on the original Japanese Industrial Standard established by the Minister of International Trade and Industry through deliberations at Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law:

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In the event of any doubts arising as to the contents, the original JIS is to be the final authority.

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Basic environmental testing procedures
Part 2: Tests — Test Kd:
Hydrogen sulphide test for contacts and connections

Foreword for Japanese Industrial Standard

This Japanese Industrial Standard has been prepared based on the 1st edition issued in 1976 of **IEC 68-2-43** [Basic environmental testing procedures Part 2: Tests - Test Kd: Hydrogen sulphide test for contacts and connections] without changing the technical contents.

Furthermore, the "Informative references" that are indicated by underline (dotted line) do not appear in the original International Standard.

1. Scope

This Standard is intended to provide accelerated means to assess the effects of the tarnishing of silver and silver alloys used for contacts and connections.

This test is particularly suitable for giving information on a comparative basis.

This test is not suitable as a general corrosion test, i.e. it may not predict the behaviour of contacts and connections in industrial atmospheres.

Note. In view of the limited information to be obtained from accelerated corrosion tests, particular attention should be paid to the guidance for this Standard. The guidance is **JIS C 0093**-1993 [Basic environmental testing procedures, Part 2: Tests Guidance to Test Kd: Hydrogen sulphide test for contacts and connections].

Informative reference: **JIS C 0093**-1993 is identical to **IEC 68-2-46**: 1982 [Basic environmental testing procedures, Part 2: Tests - Guidance to Test Kd: Hydrogen sulphide test for contacts and connections].

Furthermore, reference should also be made to **JIS C 0094**-1993 [An appraisal of the problems of accelerated testing for atmospheric corrosion].

Informative reference: **JIS C 0094**-1993 is identical to **IEC 355**: 1971 [An appraisal of the problems of accelerated testing for atmospheric corrosion].

2. Object

a) To determine the influence of atmospheres containing hydrogen sulphide on the contact properties of contacts made of:

— silver or silver alloy;

— silver protected with another layer;

— other metals covered with silver or silver alloy;

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