

Corrosion of metals and alloys — Stress corrosion testing —

Part 7: Slow strain rate testing

The European Standard EN ISO 7539-7:1995 has the status of a
British Standard

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Iron and Steel Standards Policy Committee (ISM/-) and Non-ferrous Metals Standards Policy Committee (NFM/-) to Technical Committee ISM/NFM/8, upon which the following bodies were represented:

- Aluminium Federation
- British Gas plc
- British Steel Industry
- Department of Trade and Industry (National Physical Laboratory)
- Department of Transport (Transport and Road Research Laboratory)
- Electricity Supply Industry in England and Wales
- Institution of Corrosion Science and Technology
- Institution of Structural Engineers
- Society of Chemical Industry
- United Kingdom Atomic Energy Authority
- Welding Institute

This British Standard, having been prepared under the direction of the Iron and Steel Standards Policy Committee and the Non-ferrous Metals Standards Policy Committee, was published under the authority of the Board of BSI and comes into effect on 31 July 1990

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National foreword

This Part of BS 6980 has been prepared under the direction of the Iron and Steel and Non-ferrous Metals Standards Policy Committees. It is identical with ISO 7539-7:1989 “*Corrosion of metals and alloys — Stress corrosion testing — Part 7: Slow strain rate testing*”, published by the International Organization for Standardization (ISO).

In 1995 the European Committee for Standardization (CEN) accepted ISO 7539-7:1989 as European Standard EN ISO 7539-7. As a consequence of implementing the European Standard this British Standard is renumbered as BS EN ISO 7539-7 and any reference to BS 6980-7 should be read as a reference to BS EN ISO 7539-7.

BS 6980 comprises the following Parts:

- *Part 1: Guide to testing procedures;*
- *Part 2: Method for the preparation and use of bent-beam specimens;*
- *Part 3: Method for the preparation and use of U-bend specimens;*
- *Part 4: Method for the preparation and use of uniaxially loaded tension specimens;*
- *Part 5: Method for the preparation and use of C-ring specimens;*
- *Part 6: Method for the preparation and use of pre-cracked specimens;*
- *Part 8: Method for the preparation and use of welded specimens¹⁾.*

These Parts of BS 6980 are identical with Parts of ISO 7539.

Cross-references

International Standard	Corresponding British Standard
	BS 6980 <i>Stress corrosion testing</i>
ISO 7539-1:1987	Part 1:1987 <i>Guide to testing procedures</i> (Identical)
ISO 7539-4:1989	Part 4:1990 <i>Method for the preparation and use of uniaxially loaded tension specimens</i> (Identical)
ISO 7539-6:1989	Part 6:1990 <i>Method for the preparation and use of pre-cracked specimens</i> (Identical)

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN ISO title page, pages 2 to 8, an inside back cover 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.

¹⁾ In preparation.

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English version

Corrosion of metals and alloys — Stress corrosion testing — Part 7: Slow strain rate testing

(ISO 7539-7:1989)

Corrosion de métaux et alliages — Essais de
corrosion sous contrainte —
Partie 7: Essais à faible vitesse de déformation
(ISO 7539-7:1989)

Korrosion der Metalle und Legierungen —
Prüfung der Spannungsrißkorrosion —
Teil 7: Prüfung mit langsamer Dehnrates
(ISO 7539-7:1989)

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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

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