

Methods of testing vitreous enamel finishes —

Part 11: High voltage test for enamelled articles for service under highly corrosive conditions

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National foreword

This Part of BS 1344, *Methods of testing vitreous enamel finishes*, reproduces verbatim ISO 2746:1998 and implements it as the UK national standard. It supersedes BS 1344-11:1975 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee STI/36, Vitreous enamel coatings, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

The standard is now published in 22 parts:

- *Part 1: Determination of resistance to thermal shock of coatings on articles other than cooking utensils and fabricated sheet steel components;*
- *Part 2: Resistance to citric acid at room temperature;*
- *Part 3: Determination of resistance to sulphuric acid at room temperature;*
- *Part 4: Resistance to abrasion (obsolescent);*
- *Part 5: Determination of resistance to hot detergent solutions used for washing textiles;*
- *Part 6: Resistance to alkali;*
- *Part 7: Determination of resistance to heat;*
- *Part 8: Determination of resistance to boiling citric acid;*
- *Part 9: Determination of resistance to boiling water and water vapour;*
- *Part 10: Determination of resistance to condensing hydrochloric acid vapour;*
- *Part 11: High voltage test for enamelled articles for service under highly corrosive conditions;*
- *Part 12: Production of specimens for testing coatings on sheet steel;*
- *Part 13: Production of specimens for testing coatings on cast iron;*
- *Part 14: Apparatus for testing with acid and neutral liquids and their vapours;*
- *Part 15: Apparatus for testing with alkaline liquids;*
- *Part 16: Resistance to thermal shock of coatings on cooking utensils;*
- *Part 17: Resistance to hot sodium hydroxide solution;*
- *Part 18: Determination of fluidity behaviour — Fusion flow test;*
- *Part 19: Apparatus for determination of resistance to hot detergent solutions used for washing textiles;*
- *Part 20: Low voltage test for detecting and locating defects;*
- *Part 21: Determination of the resistance of vitreous enamelled articles to impact — Pistol test;*
- *Part 22: Determination of resistance to thermal shock of coatings for fabricated sheet steel components such as burners and pan supports for cookers.*

Various steels suitable for vitreous enamelling are described in BS EN 10209 and in BS 1449-2.

A list of organizations represented on this committee can be obtained on request to its secretary.

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or by using the “Find” facility of the BSI Standards Electronic Catalogue.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, the ISO title page, pages ii to iv, pages 1 and 2, 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.