

Second edition
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Electrochemical impedance spectroscopy (EIS) on coated and uncoated metallic specimens —

Part 4: Examples of spectra of polymer-coated and uncoated specimens

Spectroscopie d'impédance électrochimique (SIE) sur des éprouvettes métalliques revêtues et non revêtues —

Partie 4: Exemples de spectres d'éprouvettes revêtues de polymères et non revêtues



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Foreword

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This document was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 9, *General test methods for paints and varnishes* in collaboration with ISO/TC 156, *Corrosion of metals and alloys*.

This second edition cancels and replaces the first edition (ISO 16773-4:2009), which has been technically revised with the following changes.

- a) The introductory element of the title, *Paints and varnishes*, has been omitted, because the scope has been broadened to include metals and alloys. The main element of the title has been changed to *Electrochemical impedance spectroscopy (EIS) on coated and uncoated metallic specimens*.
- b) A reference to ISO/TR 16208 and ASTM G106 for examples of spectra for low-impedance systems (range from, e.g. 10 Ω to 1 000 Ω) has been added.
- c) Examples for uncoated specimens have been added.

A list of all parts in the ISO 16773 series can be found on the ISO website.