
**Corrosion of metals and alloys —
General principles for corrosion testing**

*Corrosion des métaux et alliages — Principes généraux des essais de
corrosion*

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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 156, *Corrosion of metals and alloys*.

This second edition cancels and replaces the first edition (ISO 11845:1995), which has been technically revised. The main changes compared with the previous edition are as follows:

- the format has been changed;
- [Annex A](#) has been added with general requirements for corrosion tests under constant immersion.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

The existence of a wide range of corrosion tests, partly as a function of the various materials and corrosive media in existence, calls for guidance in the general procedures that should be used. Corrosion tests, if they are to evaluate and give comparable results, are carried out in accordance with established conditions. Conditions deviating from these conditions are precisely quoted, taking into account all the details given in this document. The most relevant results on corrosion behaviour of metals can normally be obtained from long-term tests under conditions close to those obtained in practice.

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