

This is a preview of "ISO 9226:2012". [Click here to purchase the full version from the ANSI store.](#)

Second edition
2012-02-01

Corrosion of metals and alloys — Corrosivity of atmospheres — Determination of corrosion rate of standard specimens for the evaluation of corrosivity

*Corrosion des métaux et alliages — Corrosivité des atmosphères —
Détermination de la vitesse de corrosion d'éprouvettes de référence
pour l'évaluation de la corrosivité*



Reference number
ISO 9226:2012(E)

© ISO 2012

This is a preview of "ISO 9226:2012". [Click here to purchase the full version from the ANSI store.](#)



COPYRIGHT PROTECTED DOCUMENT

© ISO 2012

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

This is a preview of "ISO 9226:2012". [Click here to purchase the full version from the ANSI store.](#)

Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Principle	1
4 Standard specimens	2
5 Exposure of standard specimens	2
6 Expression of results	2
Annex A (informative) Chemical cleaning procedures for removal of corrosion products	4
Bibliography	5

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 9226 was prepared by Technical Committee ISO/TC 156, *Corrosion of metals and alloys*.

This second edition cancels and replaces the first edition (ISO 9226:1992), which has been technically revised. In particular, the use of helix specimens as standard specimens is no longer prescribed and Annex A has been updated.

This is a preview of "ISO 9226:2012". [Click here to purchase the full version from the ANSI store.](#)

Introduction

The characterization of an atmospheric corrosion test site or of a service location with respect to its corrosivity can be accomplished by determining the corrosion rate of standard specimens exposed for one year to the atmosphere at the respective location (corrosivity determination). The standard specimens are flat plate specimens of the four standard structural materials: aluminium, copper, steel and zinc. This method represents an economical way of evaluating corrosivity, taking into account all local environmental influences.