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Second edition
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Corrosion of metals and alloys — Classification of low corrosivity of indoor atmospheres —

Part 3: Measurement of environmental parameters affecting indoor corrosivity

*Corrosion des métaux et alliages — Classification de la corrosivité
faible des atmosphères d'intérieur —*

*Partie 3: Mesurage des paramètres environnementaux affectant la
corrosivité des atmosphères d'intérieur*



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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Fax: +41 22 749 09 47
Email: copyright@iso.org
Website: www.iso.org

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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.

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 11844-3:2006), which has been technically revised. The main changes compared with the previous edition are as follows:

- the normative references have been updated;
- a reference to ISO 16000 in [Clause 5](#) has been added;
- the detection limits in [7.3.1](#) and [7.3.2](#) have been updated;
- a new [Clause 9](#) has been added.

A list of all parts in the ISO 11844 series can be found on the ISO website.

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.

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Introduction

This document deals with environmental parameters for the characterization of indoor atmospheres and methods of measurement.

The environmental parameters for the characterization of indoor atmospheres include more airborne contaminants than are normally used for the characterization of the outdoor environment.

Measurement of environmental parameters is a way of characterizing the corrosivity of the indoor atmosphere and will always be required if it is necessary to consider measures for reducing the corrosivity.