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**Corrosion of metals and alloys —  
Classification of low corrosivity of  
indoor atmospheres —**

**Part 1:  
Determination and estimation of  
indoor corrosivity**

**iTeH Standards**

*Corrosion des métaux et alliages — Classification de la corrosivité  
faible des atmosphères d'intérieur —*  
*Partie 1: Détermination et estimation de la corrosivité des  
atmosphères d'intérieur*

[ISO 11844-1:2020](#)

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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](mailto:copyright@iso.org)  
Website: [www.iso.org](http://www.iso.org)

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## Contents

	Page
<b>Foreword</b>	<b>iv</b>
<b>Introduction</b>	<b>v</b>
<b>1 Scope</b>	<b>1</b>
<b>2 Normative references</b>	<b>1</b>
<b>3 Terms and definitions</b>	<b>1</b>
<b>4 Symbols and abbreviated terms</b>	<b>2</b>
<b>5 Classification of corrosivity</b>	<b>2</b>
5.1 General	2
5.2 Categories of indoor corrosivity	3
<b>6 Determination of indoor atmospheric corrosivity</b>	<b>3</b>
<b>7 Characterization of indoor atmospheres with respect to indoor corrosivity</b>	<b>3</b>
7.1 General	3
7.2 Estimation of indoor corrosivity	5
<b>Annex A (informative) Relationship between ISO, IEC and ISA classification systems</b>	<b>8</b>
<b>Annex B (informative) Outdoor and indoor concentrations of some of the most important pollutants in different types of environments</b>	<b>11</b>
<b>Annex C (informative) General characterization of metal corrosion in indoor atmospheres</b>	<b>12</b>
<b>Annex D (informative) Guidelines for the estimation of indoor corrosivity</b>	<b>15</b>
<b>Bibliography</b>	<b>19</b>

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[ISO 11844-1:2020](#)

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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](http://www.iso.org/directives)).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

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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](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 156, *Corrosion of metals and alloys*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 262, *Metallic and other inorganic coatings, including for corrosion protection and corrosion testing of metals and alloys*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

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This second edition cancels and replaces the first edition (ISO 11844-1:2006), which has been technically revised. The main changes compared with the previous edition are as follows:

- a reference to the ISO 16000 series in [Clause 7](#) has been added;
- a model that estimates the indoor concentration and deposition of pollutants originating from outdoors has been added;
- lead has been included as a standard specimen with high sensitivity to vapour organic acids.

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](http://www.iso.org/members.html).