

# DIN EN ISO 11844-1:2020-09 (E)

## Corrosion of metals and alloys - Classification of low corrosivity of indoor atmospheres - Part 1: Determination and estimation of indoor corrosivity (ISO 11844-1:2020)

---

<b>Contents</b>		Page
<b>European foreword</b> .....		<b>3</b>
<b>Foreword</b> .....		<b>4</b>
<b>Introduction</b> .....		<b>5</b>
<b>1</b>	<b>Scope</b> .....	<b>7</b>
<b>2</b>	<b>Normative references</b> .....	<b>7</b>
<b>3</b>	<b>Terms and definitions</b> .....	<b>7</b>
<b>4</b>	<b>Symbols and abbreviated terms</b> .....	<b>8</b>
<b>5</b>	<b>Classification of corrosivity</b> .....	<b>8</b>
	5.1 General .....	8
	5.2 Categories of indoor corrosivity .....	9
<b>6</b>	<b>Determination of indoor atmospheric corrosivity</b> .....	<b>9</b>
<b>7</b>	<b>Characterization of indoor atmospheres with respect to indoor corrosivity</b> .....	<b>9</b>
	7.1 General .....	9
	7.2 Estimation of indoor corrosivity .....	11
<b>Annex A (informative) Relationship between ISO, IEC and ISA classification systems</b> .....		<b>14</b>
<b>Annex B (informative) Outdoor and indoor concentrations of some of the most important pollutants in different types of environments</b> .....		<b>17</b>
<b>Annex C (informative) General characterization of metal corrosion in indoor atmospheres</b> .....		<b>18</b>
<b>Annex D (informative) Guidelines for the estimation of indoor corrosivity</b> .....		<b>21</b>
<b>Bibliography</b> .....		<b>25</b>