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)

Contents

Page

European foreword ... **3**

Foreword ... **4**

Introduction ... **5**

1 Scope ... **7**

2 Normative references ... **7**

3 Terms and definitions ... **7**

4 Symbols and abbreviated terms ... **8**

5 Classification of corrosivity ... **8**
5.1 General ... 8
5.2 Categories of indoor corrosivity ... 9

6 Determination of indoor atmospheric corrosivity ... **9**

7 Characterization of indoor atmospheres with respect to indoor corrosivity ... **9**
7.1 General ... 9
7.2 Estimation of indoor corrosivity ... 11

Annex A (informative) **Relationship between ISO, IEC and ISA classification systems** ... **14**

Annex B (informative) **Outdoor and indoor concentrations of some of the most important pollutants in different types of environments** ... **17**

Annex C (informative) **General characterization of metal corrosion in indoor atmospheres** ... **18**

Annex D (informative) **Guidelines for the estimation of indoor corrosivity** ... **21**

Bibliography ... **25**