

ISO 11844-3:2020-01 (E)

Corrosion of metals and alloys - Classification of low corrosivity of indoor atmospheres - Part 3: Measurement of environmental parameters affecting indoor corrosivity

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle	1
5	Environmental parameters	1
6	Humidity and temperature parameters	2
6.1	Relative humidity	2
6.2	Temperature	2
6.3	Temperature-humidity complex	2
7	Airborne gas contaminants	2
7.1	Principle	2
7.2	Placing of measuring equipment	3
7.2.1	General	3
7.2.2	Continuous gas-measuring instruments	3
7.2.3	Active sampler	3
7.2.4	Passive sampler	3
7.2.5	Gas-deposition equipment	3
7.3	Measuring methods and duration	3
7.3.1	Continuous measurement	3
7.3.2	Measurement and calculation with the active sampler	3
7.3.3	Measurement and calculation with the passive sampler	4
7.3.4	Measurement and calculation of deposition rate of gas pollution	5
8	Airborne particle contaminants	6
8.1	Principle	6
8.2	Volumetric measurements	6
8.3	Measurement of particle deposits	6
9	Dry deposition velocity and measurements of air flow	7
Annex A (informative)	Reagents used for both passive and active samplers	8
Bibliography		10