ISO 9225:2012-02 (E)

Corrosion of metals and alloys - Corrosivity of atmospheres - Measurement of environmental parameters affecting corrosivity of atmospheres

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Principle 1

4 Humidity and temperature parameters 2
4.1 Relative humidity 2
4.2 Temperature 2

5 Airborne contaminants 2
5.1 Principle 2
5.2 Placement of measurement equipment 3
5.3 Measurement methods and duration 3

Annex A (normative) Determination of sulfur dioxide deposition rate on lead dioxide sulfation plates 6

Annex B (normative) Determination of sulfur dioxide deposition rate on lead dioxide sulfation cylinder 9

Annex C (normative) Determination of sulfur dioxide deposition rate on alkaline surfaces 12

Annex D (normative) Determination of chloride deposition rate by the wet candle method 14

Annex E (normative) Determination of chloride deposition rate by dry plate method 18

Annex F (normative) Comparison of chlorides and sulfur dioxide deposition rates determined by different methods 21

Bibliography 22