DIN EN ISO 9225:2012-05 (E)

Corrosion of metals and alloys - Corrosivity of atmospheres - Measurement of environmental parameters affecting corrosivity of atmospheres (ISO 9225:2012)

Contents

Page

Foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 Principle 5

4 Humidity and temperature parameters 6
4.1 Relative humidity 6
4.2 Temperature 6

5 Airborne contaminants 6
5.1 Principle 6
5.2 Placement of measurement equipment 7
5.3 Measurement methods and duration 7

Annex A (normative) Determination of sulfur dioxide deposition rate on lead dioxide sulfation plates 10

Annex B (normative) Determination of sulfur dioxide deposition rate on lead dioxide sulfation cylinder 13

Annex C (normative) Determination of sulfur dioxide deposition rate on alkaline surfaces 16

Annex D (normative) Determination of chloride deposition rate by the wet candle method 18

Annex E (normative) Determination of chloride deposition rate by dry plate method 22

Annex F (normative) Comparison of chlorides and sulfur dioxide deposition rates determined by different methods 25

Bibliography 26