Second edition
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Corrosion of metals and alloys — Corrosivity of atmospheres — Determination of corrosion rate of standard specimens for the evaluation of corrosivity

Corrosion des métaux et alliages — Corrosivité des atmosphères — Détermination de la vitesse de corrosion d'éprouvettes de référence pour l'évaluation de la corrosivité

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Foreword

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ISO 9226 was prepared by Technical Committee ISO/TC 156, *Corrosion of metals and alloys*.

This second edition cancels and replaces the first edition (ISO 9226:1992), which has been technically revised. In particular, the use of helix specimens as standard specimens is no longer prescribed and Annex A has been updated.

Introduction

The characterization of an atmospheric corrosion test site or of a service location with respect to its corrosivity can be accomplished by determining the corrosion rate of standard specimens exposed for one year to the atmosphere at the respective location (corrosivity determination). The standard specimens are flat plate specimens of the four standard structural materials: aluminium, copper, steel and zinc. This method represents an economical way of evaluating corrosivity, taking into account all local environmental influences.