

ISO 21207:2025-04 (E)

Corrosion tests in artificial atmospheres - Accelerated corrosion tests involving alternate exposure to corrosion-promoting gases, neutral salt-spray and drying

Contents		Page
Foreword		iv
Introduction		vii
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Apparatus and reagents	1
4.1	Exposure of test objects to mixtures of NO ₂ and SO ₂	2
4.2	Salt spray testing in accordance with ISO 9227	2
4.3	Drying in standard atmosphere	2
5	Validation of the corrosivity of the tests	3
5.1	Reference test panels	3
5.2	Arrangement of the reference panels during testing	3
5.3	Determination of mass loss after testing	3
5.4	Specifying the acceptance criteria	4
6	Test objects	4
7	Procedure	5
7.1	Test method A	5
7.1.1	Test cycle	5
7.1.2	Salt spray testing followed by drying (step a)	5
7.1.3	Exposure to corrosive gases followed by drying (step b)	5
7.1.4	Test duration	6
7.2	Test method B	6
7.2.1	Test cycle	6
7.2.2	Salt spray testing followed by drying (step a or step c)	6
7.2.3	Exposure to corrosive gases (step b or step d)	6
7.2.4	Test duration	7
8	Evaluation of results	7
9	Test report	7
Annex A (informative) Recommended test periods		9
Annex B (informative) Results from interlaboratory comparison		10
Bibliography		11