## ISO 16151:2018 (E)

Corrosion of metals and alloys — Accelerated cyclic test with exposure to acidified salt spray, dry and wet conditions

## **Contents**

		Foreword		
		Introduction		
1		Scope		
2		Normative references		
3		Terms and definitions		
4		Test solution		
	4.1 4.2 4.2.1 4.2.2 4.3 4.3.1 4.3.3	Prepara Method Prepara Prepara	A sodium chloride solution tion of the acidified-salt solution	
5		Apparatus		
6		Test specimens		
7		Arrangement of the test specimen		
8		Operating condition		
9		Continuity of tests		
10		Duration of the tests		
11		Treatment of test specimens after test		
	11.1 11.2 11.3 11.3 11.3	Organio 1 Scribed	ganic coated test specimens: metallic and/or inorganic coated c coated test specimens organic coated test specimens c coated but not scribed test specimens	
12		Evaluation of results		
13		Test report		
Annex	Α	(informative) Relationship between amounts of acidic stock solution added to mixed sal solution and pH of the resulting acidified-salt solution		
Annex	В	(informative) Typical apparatus for accelerated cyclic tests with exposure to acidified salt spray, dry and wet conditions		
Annex	С	(informative) Method for evaluation of the corrosivity of the apparatus		
	C.1 C.2 C.3	Arrange	ce specimens ement of the reference specimens n of tests	

- C.4 **Determination of mass loss**
- C.5 Satisfactory performance of apparatus

Annex D (normative) Preparation of test specimens with organic coatings for testing

- D.1 Preparation and coating of test specimens
- Drying and conditioning
  Thickness of coating **D.2**
- D.3
- Preparation of scribes **D.4**

Annex E (normative) Required supplementary information for testing test specimens with organic coatings

Page count: 19