

# ISO 16701:2015-05 (E)

## Corrosion of metals and alloys - Corrosion in artificial atmosphere - Accelerated corrosion test involving exposure under controlled conditions of humidity cycling and intermittent spraying of a salt solution

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Reagent .....	2
4	Apparatus .....	2
4.1	Climate chamber .....	2
4.2	Spraying device .....	3
4.3	System for forced drying .....	3
5	Test objects .....	3
6	Procedure .....	4
6.1	Arrangement of the test objects .....	4
6.2	Exposure conditions of test cycle .....	4
6.3	Duration of test .....	6
6.4	Treatment of test objects after test .....	6
7	Evaluation of results .....	6
8	Test report .....	7
Annex A (informative)	Recommended periods of testing .....	8
Annex B (informative)	Suitable design of test apparatus with spraying device .....	9
Annex C (informative)	Method for evaluation of corrosivity of test .....	11
Bibliography .....		13