

DIN EN ISO 9227:2006-10 (E)

Corrosion tests in artificial atmospheres - Salt spray tests (ISO 9227:2006)

Contents		Page
Foreword		2
Introduction		4
1	Scope	5
2	Normative references	6
3	Test solutions	6
3.1	Preparation of the sodium chloride solution	6
3.2	pH adjustment	6
3.3	Filtration	7
4	Apparatus	7
4.1	Component protection	7
4.2	Spray cabinet	7
4.3	Heater and temperature control	7
4.4	Spraying device	8
4.5	Collecting devices	8
4.6	Re-use	9
5	Method of evaluation of the corrosivity of the cabinet	9
5.1	General	9
5.2	NSS test	9
5.3	AASS test	10
5.4	CASS test	11
6	Test specimens	13
7	Arrangement of the test specimens	13
8	Operating conditions	14
9	Duration of tests	14
10	Treatment of specimens after test	15
11	Evaluation of results	15
12	Test report	15
Annex A (informative) Schematic diagram of one possible design of spray cabinet with means for treating fog exhaust and drain		17
Annex B (informative) Complementary method for evaluation of the corrosivity of the cabinet by use of zinc reference specimens		19
Annex C (normative) Preparation of panels with organic coatings for testing		21
Annex D (normative) Required supplementary information for testing test panels with organic coatings		22
Bibliography		23