

ISO 9227:2006-07 (E)

Corrosion tests in artificial atmospheres - Salt spray tests

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	2
3	Test solutions	2
3.1	Preparation of the sodium chloride solution	2
3.2	pH adjustment	2
3.3	Filtration	3
4	Apparatus	3
4.1	Component protection	3
4.2	Spray cabinet	3
4.3	Heater and temperature control	3
4.4	Spraying device	4
4.5	Collecting devices	4
4.6	Re- use	5
5	Method of evaluation of the corrosivity of the cabinet	5
5.1	General	5
5.2	NSS test	5
5.3	AASS test	6
5.4	CASS test	7
6	Test specimens	9
7	Arrangement of the test specimens	9
8	Operating conditions	10
9	Duration of tests	10
10	Treatment of specimens after test	11
11	Evaluation of results	11
12	Test report	11
Annex A (informative)	Schematic diagram of one possible design of spray cabinet with means for treating fog exhaust and drain	13
Annex B (informative)	Complementary method for evaluation of the corrosivity of the cabinet by use of zinc reference specimens	15
Annex C (normative)	Preparation of panels with organic coatings for testing	17
Annex D (normative)	Required supplementary information for testing test panels with organic coatings	18
Bibliography		19