

# DIN EN ISO 9227:2006-10 (E)

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

---

<b>Contents</b>		<b>Page</b>
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