

# ISO 14993:2026-05 (E)

## Corrosion of metals and alloys - Accelerated testing involving cyclic exposure to salt mist, dry and wet conditions

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Normative references .....</b>	<b>1</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>2</b>
<b>4</b>	<b>Test solution .....</b>	<b>2</b>
<b>4.1</b>	<b>General .....</b>	<b>2</b>
<b>4.2</b>	<b>Preparation of the sodium chloride solution .....</b>	<b>2</b>
<b>4.3</b>	<b>pH adjustment .....</b>	<b>2</b>
<b>5</b>	<b>Apparatus .....</b>	<b>3</b>
<b>5.1</b>	<b>Component protection .....</b>	<b>3</b>
<b>5.2</b>	<b>Exposure equipment .....</b>	<b>3</b>
<b>6</b>	<b>Test specimens .....</b>	<b>4</b>
<b>7</b>	<b>Arrangement of the test specimens .....</b>	<b>4</b>
<b>8</b>	<b>Operating conditions .....</b>	<b>5</b>
<b>9</b>	<b>Continuity of tests .....</b>	<b>6</b>
<b>10</b>	<b>Duration of tests .....</b>	<b>6</b>
<b>11</b>	<b>Treatment of test specimens after testing .....</b>	<b>6</b>
<b>11.1</b>	<b>General .....</b>	<b>6</b>
<b>11.2</b>	<b>Non-organic coated test specimens: Metallic and/or inorganic coated .....</b>	<b>6</b>
<b>11.3</b>	<b>Organic coated test specimens .....</b>	<b>6</b>
<b>11.3.1</b>	<b>Scribed organic coated test specimens .....</b>	<b>6</b>
<b>11.3.2</b>	<b>Organic coated but not scribed test specimens .....</b>	<b>7</b>
<b>12</b>	<b>Evaluation of results .....</b>	<b>7</b>
<b>13</b>	<b>Test report .....</b>	<b>7</b>
<b>Annex A (informative) Typical apparatus for cyclic salt mist, dry and wet corrosion tests .....</b>		<b>9</b>
<b>Annex B (informative) Method for evaluation of the corrosivity of the apparatus .....</b>		<b>11</b>
<b>Annex C (normative) Preparation of test specimens with organic coatings for testing .....</b>		<b>13</b>
<b>Annex D (normative) Required supplementary information for testing test specimens with organic coatings .....</b>		<b>14</b>
<b>Bibliography .....</b>		<b>15</b>