

# DIN EN 13146-5:2017-07 (E)

## Railway applications - Track - Test methods for fastening systems - Part 5: Determination of electrical resistance (includes Corrigendum :2017)

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
<b>1</b>	<b>Scope .....</b>	<b>5</b>
<b>2</b>	<b>Normative references .....</b>	<b>5</b>
<b>3</b>	<b>Terms and definitions, symbols and abbreviations .....</b>	<b>5</b>
<b>3.1</b>	<b>Terms and definitions .....</b>	<b>5</b>
<b>3.2</b>	<b>Symbols and abbreviations .....</b>	<b>5</b>
<b>4</b>	<b>Principle .....</b>	<b>5</b>
<b>5</b>	<b>Apparatus .....</b>	<b>5</b>
<b>5.1</b>	<b>Rail .....</b>	<b>5</b>
<b>5.2</b>	<b>Water .....</b>	<b>6</b>
<b>5.3</b>	<b>Spray equipment .....</b>	<b>6</b>
<b>5.4</b>	<b>Electricity supply .....</b>	<b>6</b>
<b>5.5</b>	<b>Instruments .....</b>	<b>6</b>
<b>5.6</b>	<b>Water collection and re-cycling equipment .....</b>	<b>6</b>
<b>6</b>	<b>Test specimens (reference method) .....</b>	<b>6</b>
<b>7</b>	<b>Procedure (reference method) .....</b>	<b>7</b>
<b>8</b>	<b>Test specimens - Alternative method .....</b>	<b>9</b>
<b>9</b>	<b>Procedure - Alternative method .....</b>	<b>9</b>
<b>10</b>	<b>Calculations .....</b>	<b>9</b>
<b>11</b>	<b>Test report .....</b>	<b>9</b>
<b>Annex A (informative)</b>	<b>Resistance/time plot .....</b>	<b>10</b>