

# DIN EN 15806:2011-01 (E)

## Railway applications - Braking - Static brake testing

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
Introduction .....		4
<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 .....</b>	<b>5</b>
<b>4</b>	<b>Symbols and abbreviations .....</b>	<b>7</b>
<b>5</b>	<b>Test requirements .....</b>	<b>7</b>
<b>5.1</b>	<b>General .....</b>	<b>7</b>
<b>5.1.1</b>	<b>General test requirements .....</b>	<b>7</b>
<b>5.1.2</b>	<b>Type test .....</b>	<b>8</b>
<b>5.1.3</b>	<b>Routine tests .....</b>	<b>8</b>
<b>5.2</b>	<b>General environmental conditions .....</b>	<b>8</b>
<b>5.3</b>	<b>Table of tests .....</b>	<b>8</b>
<b>5.4</b>	<b>Tests conditions and test requirements .....</b>	<b>10</b>
<b>5.4.1</b>	<b>General .....</b>	<b>10</b>
<b>5.4.2</b>	<b>Availability of energy supply .....</b>	<b>10</b>
<b>5.4.3</b>	<b>Brake control .....</b>	<b>12</b>
<b>5.4.4</b>	<b>Brake application system tests .....</b>	<b>17</b>
<b>5.4.5</b>	<b>Monitoring devices .....</b>	<b>17</b>
<b>5.4.6</b>	<b>Accessibility in service and during maintenance .....</b>	<b>17</b>
<b>5.4.7</b>	<b>Cab interlocking .....</b>	<b>18</b>
<b>6</b>	<b>Documentation .....</b>	<b>18</b>
<b>6.1</b>	<b>General .....</b>	<b>18</b>
<b>6.2</b>	<b>Test procedure .....</b>	<b>18</b>
<b>6.3</b>	<b>Test report .....</b>	<b>18</b>
<b>Annex A (informative) Non exhaustive list of components of an air brake system .....</b>		<b>20</b>
<b>Annex B (informative) Example of brake system static tests Conventional air brakes for freight trains .....</b>		<b>21</b>
<b>B.1</b>	<b>Brake systems testing .....</b>	<b>21</b>
<b>B.2</b>	<b>Test requirements .....</b>	<b>21</b>
<b>B.3</b>	<b>Minimum brake system tests .....</b>	<b>21</b>
<b>Annex ZA (informative) Relationship between this European Standard and the Essential .....</b>		<b>25</b>
<b>Bibliography .....</b>		<b>27</b>
<b>Requirements of EU Directive 2008/57/EC .....</b>		