

# IWA 14-1:2013-11 (E)

## Vehicle security barriers - Part 1: Performance requirement, vehicle impact test method and performance rating

---

<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>3.1</b>	<b>vehicle security barrier (VSB) .....</b>	<b>2</b>
<b>3.2</b>	<b>foundation .....</b>	<b>2</b>
<b>3.3</b>	<b>vehicle .....</b>	<b>3</b>
<b>3.4</b>	<b>datum line .....</b>	<b>4</b>
<b>3.5</b>	<b>impact .....</b>	<b>7</b>
<b>3.6</b>	<b>performance data .....</b>	<b>8</b>
<b>3.7</b>	<b>miscellaneous .....</b>	<b>11</b>
<b>4</b>	<b>Performance requirement .....</b>	<b>11</b>
<b>5</b>	<b>VSB documentation .....</b>	<b>12</b>
<b>5.1</b>	<b>General .....</b>	<b>12</b>
<b>5.2</b>	<b>Conformity between VSB and documentation .....</b>	<b>13</b>
<b>6</b>	<b>Test method .....</b>	<b>13</b>
<b>6.1</b>	<b>Apparatus .....</b>	<b>13</b>
<b>6.2</b>	<b>Test site .....</b>	<b>20</b>
<b>6.3</b>	<b>Target impact point, initial contact point and impact angle .....</b>	<b>21</b>
<b>6.4</b>	<b>VSB preparation .....</b>	<b>22</b>
<b>6.5</b>	<b>Test vehicle preparation .....</b>	<b>24</b>
<b>6.6</b>	<b>Impact speed .....</b>	<b>25</b>
<b>6.7</b>	<b>Test procedure .....</b>	<b>26</b>
<b>6.8</b>	<b>Test report .....</b>	<b>34</b>
<b>7</b>	<b>Performance rating .....</b>	<b>36</b>
<b>8</b>	<b>Product information .....</b>	<b>37</b>
<b>Annex A (normative) Test vehicle specification measurements .....</b>		<b>38</b>
<b>Bibliography .....</b>		<b>46</b>