

# ISO 14310:2008-11 (E)

## Petroleum and natural gas industries - Downhole equipment - Packers and bridge plugs

---

<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>1</b>
<b>4</b>	<b>Symbols and abbreviated terms .....</b>	<b>5</b>
<b>5</b>	<b>Functional specification .....</b>	<b>5</b>
<b>5.1</b>	<b>General .....</b>	<b>5</b>
<b>5.2</b>	<b>Type description .....</b>	<b>5</b>
<b>5.3</b>	<b>Well parameters .....</b>	<b>6</b>
<b>5.4</b>	<b>Operational parameters .....</b>	<b>6</b>
<b>5.5</b>	<b>Environmental compatibility .....</b>	<b>6</b>
<b>5.6</b>	<b>Compatibility with related well equipment .....</b>	<b>7</b>
<b>5.7</b>	<b>Design validation .....</b>	<b>7</b>
<b>5.8</b>	<b>Quality control .....</b>	<b>7</b>
<b>6</b>	<b>Technical specification .....</b>	<b>7</b>
<b>6.1</b>	<b>General .....</b>	<b>7</b>
<b>6.2</b>	<b>Technical characteristics .....</b>	<b>8</b>
<b>6.3</b>	<b>Design requirements .....</b>	<b>8</b>
<b>6.4</b>	<b>Design verification .....</b>	<b>11</b>
<b>6.5</b>	<b>Design validation requirements .....</b>	<b>11</b>
<b>6.6</b>	<b>Design changes .....</b>	<b>17</b>
<b>6.7</b>	<b>Design validation by scaling .....</b>	<b>17</b>
<b>6.8</b>	<b>Other validations .....</b>	<b>18</b>
<b>6.9</b>	<b>Assembly verification .....</b>	<b>18</b>
<b>7</b>	<b>Supplier's/mannufacturer's requirements .....</b>	<b>18</b>
<b>7.1</b>	<b>General .....</b>	<b>18</b>
<b>7.2</b>	<b>Documentation and data control .....</b>	<b>18</b>
<b>7.3</b>	<b>Product identification .....</b>	<b>20</b>
<b>7.4</b>	<b>Quality control .....</b>	<b>20</b>
<b>8</b>	<b>Repair .....</b>	<b>26</b>
<b>9</b>	<b>Shipment/storage .....</b>	<b>26</b>
Bibliography .....		27