

# ISO 4995:2014-10 (E)

## Hot-rolled steel sheet of structural quality

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
<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>Dimensions .....</b>	<b>2</b>
<b>5</b>	<b>Conditions of manufacture .....</b>	<b>2</b>
<b>5.1</b>	<b>Steelmaking .....</b>	<b>2</b>
<b>5.2</b>	<b>Chemical composition .....</b>	<b>2</b>
<b>5.3</b>	<b>Chemical analysis .....</b>	<b>2</b>
<b>5.4</b>	<b>Mechanical properties .....</b>	<b>4</b>
<b>5.5</b>	<b>Application .....</b>	<b>4</b>
<b>5.6</b>	<b>Weldability .....</b>	<b>4</b>
<b>5.7</b>	<b>Surface condition .....</b>	<b>4</b>
<b>5.8</b>	<b>Oiling .....</b>	<b>5</b>
<b>6</b>	<b>Dimensional and shape tolerances .....</b>	<b>5</b>
<b>7</b>	<b>Tensile test sampling .....</b>	<b>5</b>
<b>8</b>	<b>Tensile test .....</b>	<b>5</b>
<b>9</b>	<b>Retests .....</b>	<b>5</b>
<b>9.1</b>	<b>Machining and flaws .....</b>	<b>5</b>
<b>9.2</b>	<b>Elongation .....</b>	<b>5</b>
<b>9.3</b>	<b>Additional tests .....</b>	<b>5</b>
<b>10</b>	<b>Resubmission .....</b>	<b>5</b>
<b>11</b>	<b>Workmanship .....</b>	<b>6</b>
<b>12</b>	<b>Inspection and acceptance .....</b>	<b>6</b>
<b>13</b>	<b>Coil size .....</b>	<b>6</b>
<b>14</b>	<b>Marking .....</b>	<b>6</b>
<b>15</b>	<b>Information to be supplied by the purchaser .....</b>	<b>6</b>
<b>Bibliography .....</b>		<b>8</b>