

# ISO 9328-1:2011-05 (E)

## Steel flat products for pressure purposes - Technical delivery conditions - Part 1: General requirements

---

<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>2</b>
<b>4</b>	<b>Classification and designation .....</b>	<b>4</b>
<b>4.1</b>	<b>Classification .....</b>	<b>4</b>
<b>4.2</b>	<b>Designation .....</b>	<b>4</b>
<b>5</b>	<b>Information to be supplied by the purchaser .....</b>	<b>4</b>
<b>5.1</b>	<b>Mandatory information .....</b>	<b>4</b>
<b>5.2</b>	<b>Options .....</b>	<b>5</b>
<b>6</b>	<b>Requirements .....</b>	<b>5</b>
<b>6.1</b>	<b>Steelmaking process .....</b>	<b>5</b>
<b>6.2</b>	<b>Delivery condition .....</b>	<b>5</b>
<b>6.3</b>	<b>Chemical composition .....</b>	<b>5</b>
<b>6.4</b>	<b>Mechanical properties .....</b>	<b>6</b>
<b>6.5</b>	<b>Surface condition .....</b>	<b>6</b>
<b>6.6</b>	<b>Internal soundness .....</b>	<b>6</b>
<b>6.7</b>	<b>Dimensions and tolerances on dimensions .....</b>	<b>6</b>
<b>6.8</b>	<b>Calculation of mass .....</b>	<b>6</b>
<b>7</b>	<b>Inspection .....</b>	<b>7</b>
<b>7.1</b>	<b>Types of inspection and inspection documents .....</b>	<b>7</b>
<b>7.2</b>	<b>Tests to be carried out .....</b>	<b>7</b>
<b>7.3</b>	<b>Retests .....</b>	<b>8</b>
<b>8</b>	<b>Sampling .....</b>	<b>8</b>
<b>8.1</b>	<b>Frequency of testing .....</b>	<b>8</b>
<b>8.2</b>	<b>Selection and preparation of samples and test pieces .....</b>	<b>8</b>
<b>9</b>	<b>Test methods .....</b>	<b>9</b>
<b>9.1</b>	<b>Chemical analysis .....</b>	<b>9</b>
<b>9.2</b>	<b>Tensile test at room temperature .....</b>	<b>9</b>
<b>9.3</b>	<b>Tensile test at elevated temperature .....</b>	<b>10</b>
<b>9.4</b>	<b>Impact test .....</b>	<b>10</b>
<b>9.5</b>	<b>Other testing .....</b>	<b>10</b>
<b>10</b>	<b>Marking .....</b>	<b>11</b>
Bibliography .....		16