

# ISO 4991:2005-11 (E)

## Steel castings for pressure purposes

---

<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>Information to be supplied by the purchaser .....</b>	<b>1</b>
<b>5</b>	<b>Heat-treatment .....</b>	<b>2</b>
<b>6</b>	<b>Welding .....</b>	<b>2</b>
<b>7</b>	<b>Requirements .....</b>	<b>2</b>
<b>7.1</b>	<b>Chemical composition .....</b>	<b>2</b>
<b>7.2</b>	<b>Mechanical properties .....</b>	<b>2</b>
<b>8</b>	<b>Inspection and testing .....</b>	<b>3</b>
<b>8.1</b>	<b>Sampling .....</b>	<b>3</b>
<b>8.2</b>	<b>Formation of test lots .....</b>	<b>3</b>
<b>8.3</b>	<b>Non-destructive testing .....</b>	<b>3</b>
<b>8.4</b>	<b>Marking .....</b>	<b>3</b>
<b>9</b>	<b>Supplementary requirements .....</b>	<b>3</b>
<b>Annex A (normative) Supplementary requirements .....</b>		<b>11</b>
<b>Annex B (informative) Welding conditions .....</b>		<b>14</b>
<b>Annex C (informative) Creep properties .....</b>		<b>15</b>