

# ISO 11772:2024-05 (E)

## Hot-rolled longitudinally profiled steel plate

---

<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>Classification and designation .....</b>	<b>2</b>
<b>4.1</b>	<b>Classification .....</b>	<b>2</b>
<b>4.2</b>	<b>Designation .....</b>	<b>4</b>
<b>4.3</b>	<b>Identification methods of LP steel plate .....</b>	<b>4</b>
<b>5</b>	<b>Information to be supplied by the purchaser .....</b>	<b>5</b>
<b>6</b>	<b>Dimensions, shapes, mass and permissible tolerance .....</b>	<b>5</b>
<b>6.1</b>	<b>Dimensions .....</b>	<b>5</b>
<b>6.2</b>	<b>Tolerances on dimensions .....</b>	<b>5</b>
<b>6.3</b>	<b>Tolerances on shape .....</b>	<b>5</b>
<b>6.3.1</b>	<b>Tolerance on flatness .....</b>	<b>5</b>
<b>6.3.2</b>	<b>Tolerances on edge camber to length (L) and out-of-squareness to length (L) .....</b>	<b>5</b>
<b>6.4</b>	<b>Mass .....</b>	<b>6</b>
<b>7</b>	<b>Technical requirements .....</b>	<b>6</b>
<b>7.1</b>	<b>Grades and chemical compositions .....</b>	<b>6</b>
<b>7.2</b>	<b>Delivery conditions .....</b>	<b>6</b>
<b>7.3</b>	<b>Mechanical properties .....</b>	<b>6</b>
<b>7.4</b>	<b>Surface quality .....</b>	<b>6</b>
<b>7.5</b>	<b>Internal soundness .....</b>	<b>6</b>
<b>7.6</b>	<b>Others .....</b>	<b>6</b>
<b>8</b>	<b>Inspection .....</b>	<b>6</b>
<b>9</b>	<b>Test methods .....</b>	<b>7</b>
<b>9.1</b>	<b>Dimension measurement .....</b>	<b>7</b>
<b>9.1.1</b>	<b>Thickness .....</b>	<b>7</b>
<b>9.1.2</b>	<b>Width .....</b>	<b>7</b>
<b>9.1.3</b>	<b>Total length .....</b>	<b>7</b>
<b>9.1.4</b>	<b>Flatness .....</b>	<b>7</b>
<b>9.1.5</b>	<b>Edge camber .....</b>	<b>9</b>
<b>9.1.6</b>	<b>Out-of-squareness .....</b>	<b>9</b>
<b>9.2</b>	<b>Calculation of mass .....</b>	<b>9</b>
<b>9.3</b>	<b>Internal soundness .....</b>	<b>9</b>
<b>9.4</b>	<b>Others .....</b>	<b>9</b>
<b>10</b>	<b>Marking .....</b>	<b>10</b>
<b>Annex A (informative) Applicable dimensions of LP steel plate to be supplied .....</b>		<b>11</b>
<b>Annex B (informative) Calculation method of nominal dimension for variable thickness section .....</b>		<b>13</b>
<b>Annex C (normative) Calculation methods of mass .....</b>		<b>14</b>
<b>Bibliography .....</b>		<b>15</b>