

# ISO/TR 14253-6:2012-11 (E)

## Geometrical product specifications (GPS) - Inspection by measurement of workpieces and measuring equipment - Part 6: Generalized decision rules for the acceptance and rejection of instruments and workpieces

---

<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>2</b>
<b>4</b>	<b>General .....</b>	<b>5</b>
<b>5</b>	<b>Decision rules .....</b>	<b>6</b>
<b>5.1</b>	<b>Guard bands .....</b>	<b>6</b>
<b>5.2</b>	<b>Acceptance zones .....</b>	<b>6</b>
<b>5.3</b>	<b>Rejection zones .....</b>	<b>9</b>
<b>5.4</b>	<b>Transition zones .....</b>	<b>9</b>
<b>5.5</b>	<b>Decision rule requirements .....</b>	<b>9</b>
<b>6</b>	<b>Examples of decision rules .....</b>	<b>10</b>
<b>6.1</b>	<b>General .....</b>	<b>10</b>
<b>6.2</b>	<b>Process capability index = 2/3 and measurement capability index = 2 .....</b>	<b>10</b>
<b>6.3</b>	<b>Process capability index = 1 and measurement capability index = 4 .....</b>	<b>12</b>
<b>6.4</b>	<b>Measurements without production distributions .....</b>	<b>13</b>
<b>Annex A (informative) Relation to the GPS matrix model .....</b>		<b>14</b>
<b>Bibliography .....</b>		<b>16</b>