

# DIN EN ISO 14122-3:2016-10 (E)

## Safety of machinery - Permanent means of access to machinery - Part 3: Stairs, stepladders and guard-rails (ISO 14122-3:2016)

---

<b>Contents</b>		Page
<b>European foreword</b> .....		<b>3</b>
<b>Foreword</b> .....		<b>4</b>
<b>Introduction</b> .....		<b>5</b>
<b>1</b>	<b>Scope</b> .....	<b>6</b>
<b>2</b>	<b>Normative references</b> .....	<b>6</b>
<b>3</b>	<b>Terms and definitions</b> .....	<b>6</b>
<b>4</b>	<b>General requirements</b> .....	<b>11</b>
4.1	Construction and materials.....	11
4.2	Design and construction for the structure and the steps.....	11
<b>5</b>	<b>Specific requirements applicable to stairs</b> .....	<b>11</b>
<b>6</b>	<b>Specific requirements applicable to step ladders</b> .....	<b>12</b>
<b>7</b>	<b>Specific requirements applicable to guard-rails</b> .....	<b>14</b>
7.1	Guard-rails for platforms, walkways and stair landings.....	14
7.2	Guard-rails and handrails for stairs and handrails for step ladders.....	16
7.3	Additional fall-protection when steps, stairs or ladders are near guard-rails of working platforms.....	18
7.4	Gates.....	18
<b>8</b>	<b>Verification of safety requirements</b> .....	<b>19</b>
8.1	General.....	19
8.2	Testing of guard-rails.....	19
8.2.2	Testing procedure.....	20
8.3	Testing of steps of a stair.....	22
8.4	Testing of stepladders.....	24
<b>Annex A (informative) Significant technical changes between this part of ISO 14122 and the previous edition</b> .....		<b>25</b>
<b>Annex ZA (informative) Relationship between this European Standard and the essential requirements of Directive 2006/42/EC machinery, and amending Directive 95/16/EC (recast) [2006 L157] aimed to be covered</b> .....		<b>27</b>
<b>Bibliography</b> .....		<b>28</b>