

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)

Contents		Page
European foreword		3
Foreword		4
Introduction		5
1	Scope	6
2	Normative references	6
3	Terms and definitions	6
4	General requirements	11
4.1	Construction and materials.....	11
4.2	Design and construction for the structure and the steps.....	11
5	Specific requirements applicable to stairs	11
6	Specific requirements applicable to step ladders	12
7	Specific requirements applicable to guard-rails	14
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
8	Verification of safety requirements	19
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
Annex A (informative) Significant technical changes between this part of ISO 14122 and the previous edition		25
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		27
Bibliography		28