EN ISO 14122-3:2016 (E)

Contents		Page
European foreword		3
requirements of Directi	onship between this European Standard and the 2006/42/EC machinery, and amending cast) [2006 L157] aimed to be covered	
		CIO
		DID
	Poly	
	181	
THIS DOCUMEN		
C) III.		
.c003		
LHI3		

TOIC	word		
Intro	duction		
1	Scope		
2	Normative references		
3	Terms and definitions		
4	General requirements		
	4.1 Construction and materials		
	4.2 Design and construction for the structure and the steps		
5	Specific requirements applicable to stairs		
6	Specific requirements applicable to step ladders		
7	Specific requirements applicable to guard-rails		
	7.1 Guard-rails for platforms, walkways and stair landings		
	 7.2 Guard-rails and handrails for stairs and handrails for step ladders. 7.3 Additional fall-protection when steps, stairs or ladders are near guard-rails of 	1	
	working platforms	1	
	7.4 Gates	1	
8	Verification of safety requirements	1	
	8.1 General	1	
	8.2 Testing of guard-rails 8.2.2 Testing procedure	1	
	8.2.2 Testing procedure 8.3 Testing of steps of a stair	1	
	8.4 Testing of stepladders	1	
Anne	ex A (informative) Significant technical changes between this part of ISO 14122 and the		
	previous edition	2	
Bibli	ography	2	
	ography		

Safety of machinery — Permanent means of access to machinery —

Part 3:

Stairs, stepladders and guard-rails

1 Scope

This part of ISO 14122 gives requirements for non-powered stairs, stepladders and guard-rails which are a part of a stationary machine, and to the non-powered adjustable parts (e.g. foldable, slidable) and movable parts of those fixed means of access.

NOTE 1 "Fixed" means of access are those mounted in such a manner (for example, by screws, nuts, welding) that they can only be removed by the use of tools.

This part of ISO 14122 specifies minimum requirements that also apply when the same means of access is required as the part of the building or civil construction (e.g. stairs, stepladders, guard-rails) where the machine is installed, on condition that the main function of that part of the construction is to provide a means of access to the machine.

NOTE 2 Where no local regulation or standards exists, this part of ISO 14122 may be used also for means of access which are outside the scope of the standard.

It is intended that this part of ISO 14122 be used with ISO 14122-1 to give the requirements for steps, stepladders and guard-rails.

The ISO 14122 series as a whole is applicable to both stationary and mobile machinery where fixed means of access are necessary. It is not applicable to powered means of access such as lifts, escalators, or other devices specially designed to lift persons between two levels.

This part of ISO 14122 is not applicable to machinery manufactured before the date of its publication.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 12100, Safety of machinery — General principles for design — Risk assessment and risk reduction

ISO 14122-1:2016, Safety of machinery — Permanent means of access to machinery — Part 1: Choice of fixed means and general requirements of access

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 12100, ISO 14122-1 and the following apply.