

ISO 25649-6:2024-10 (E)

Floating leisure articles for use on and in the water - Part 6: Additional specific safety requirements and test methods for Class D devices

Contents		Page
Foreword.....		iv
Introduction.....		vi
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Safety requirements and test methods	3
4.1	General.....	3
4.2	Design of buckles and other fixings.....	3
4.2.1	Requirements.....	3
4.2.2	Test method.....	3
4.3	Sizing and admissible number of users, maximum load capacity.....	3
4.3.1	Product sizing.....	3
4.3.2	User sizing.....	3
4.3.3	Space per person per trampoline.....	4
4.4	Components.....	4
4.4.1	Valves and stoppers (special requirements for Class D).....	4
4.4.2	Test method.....	5
4.5	In water performance.....	5
4.5.1	Class D devices, floating stability.....	5
4.5.2	Floating devices not claiming to provide floating stability.....	5
4.5.3	Buoyancy and amount of residual buoyancy.....	5
4.5.4	Minimum buoyancy for floating leisure articles claiming floating stability when fully inflated.....	6
4.5.5	Carrying handles and climbing facilities.....	6
4.5.6	Re-embarkation from the water.....	9
4.5.7	Anchorage.....	10
4.5.8	Water depth.....	10
4.5.9	Horizontal safety distance with surrounding area.....	12
4.5.10	Visibility.....	13
4.5.11	Repair kit.....	14
4.5.12	Springs, protection against corrosion, durability.....	14
4.5.13	Safety pad for trampolines and buoyancy platforms.....	14
4.5.14	Connection of inflatable components.....	15
4.5.15	Swimming in close proximity and under extra-large floating leisure articles.....	16
4.5.16	Specific requirements for swing devices as an end-module or used as a stand-alone module.....	17
4.6	Pool use of water park modules or modular arrangements.....	18
5	Instruction manual	18
6	Exclusions	18
6.1	Exemptions.....	19
6.2	Deviations.....	19
Annex A (informative)	Examples of typical products forming Class D	20
Annex B (normative)	Specific information for devices exceeding 5 m height	23
Annex C (normative)	Pool use of water park modules or modular arrangements	24
Annex D (informative)	Anchorage	30
Bibliography		34