

ISO 25649-7:2017-08 (E)

Floating leisure articles for use on and in the water - Part 7: Additional specific safety requirements and test methods for Class E devices

Contents		Page
Foreword		v
Introduction		vi
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Materials	3
5	Construction and functional components of boats	3
5.1	Conditioning	3
5.2	Hull integrity	3
5.2.1	Requirements	3
5.2.2	Test method	3
5.3	Manual lifting and carrying devices	4
5.3.1	Requirements	4
5.3.2	Test method	4
5.4	Rowlocks and oars	4
5.4.1	Requirements	4
5.4.2	Test methods	4
5.5	Hull drainage	5
5.6	Towing device	5
5.7	Seating and attachment systems (where offered as standard or optional equipment)	5
6	Safety requirements and test methods	5
6.1	Minimum area and maximum permissible number of persons	5
6.1.1	Requirement	5
6.1.2	Testing	5
6.2	Static stability of the boat	6
6.2.1	Requirement	6
6.2.2	Test method	6
6.3	Dimensional stability when getting on and off the boat	7
6.3.1	Requirement	7
6.3.2	Testing	8
6.4	Maximum load capacity	8
6.4.1	Requirement	8
6.4.2	Testing	8
6.5	Safety ropes and grab handles	8
6.5.1	Requirement	8
6.5.2	Test method	8
6.6	Residual buoyancy specific for boats	9
6.6.1	Requirement	9
6.6.2	Test method	9
6.7	Manoeuvrability	9
6.7.1	Requirement	9
6.7.2	Test method	9
7	Performance requirements and test methods for boats	9

7.1	General	9
7.2	Strength and performance of the towing device for boats	9
7.2.1	Requirement	9
7.2.2	Test method	9
7.3	Rowing test (where applicable, see 5.4)	10
7.4	Water tightness test for boats	10
7.4.1	Requirement	10
7.4.2	Test method	10
8	Standard equipment and accessories for boats	10
8.1	Requirement	10
8.2	Testing	10
9	Marking	10
10	Instructions for use for boats	10
11	Exclusions	12
Annex A (normative) Inflatable canoes, kayaks and sit-on-top kayaks		13
Annex B (normative) Inflatable boat propelled by sail or motor		15
Annex C (informative) General arrangement of a typical boat with the hull made of non- reinforced material		21
Annex D (informative) General arrangement of a typical boat with the hull made of reinforced material		22
Annex E (informative) General arrangement of a typical paddle boat/kayak		23
Annex F (informative) Examples of typical products forming Class E		24
Bibliography		25