

DIN EN 14144:2025-12 (E)

Lifebuoys - Requirements, tests

Contents		Page
European foreword		3
Introduction		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	5
4	Safety requirements	6
4.1	Design	6
4.1.1	General	6
4.1.2	Buoyancy body	6
4.1.3	Top material	6
4.1.4	Grab line	6
4.1.5	Reflective strips	6
4.1.6	Colour	6
4.2	Dimensions	6
4.3	Buoyancy	7
4.4	Mass	7
4.5	Strength	7
4.6	Resistance	7
4.7	Burning behaviour	8
4.8	Temperature ranges for serviceability	8
5	Testing	8
5.1	General	8
5.1.1	Scope and sequence of testing	8
5.1.2	Manufacturer's certificates	8
5.1.3	Testing body	8
5.2	Dimensions, mass, design	8
5.3	Temperature tests	8
5.4	Fire test	9
5.5	Drop test	9
5.5.1	Free fall into water	9
5.5.2	Free fall onto concrete floor	9
5.6	Strength	9
5.7	Load-carrying capacity	9
5.8	Resistance	9
5.8.1	Resistance to seawater	9
5.8.2	Resistance to diesel fuel	9
6	Designation	10
7	Marking	10
Bibliography		11