

Annex A.1: Equipment for which detailed testing standards already exist in international instruments⁽¹⁾

IN ADDITION TO THE TESTING STANDARDS SPECIFICALLY MENTIONED A NUMBER OF PROVISIONS, WHICH MUST BE CHECKED DURING TYPE-EXAMINATION (TYPE APPROVAL) AS REFERRED TO IN THE MODULES FOR CONFORMITY ASSESSMENT IN ANNEX B, ARE TO BE FOUND IN THE APPLICABLE REQUIREMENTS OF THE INTERNATIONAL CONVENTIONS AND THE RELEVANT RESOLUTIONS AND CIRCULARS OF THE IMO

1. Life-saving appliances

Item No	Item designation	Regulation SOLAS 74 as amended where 'type approval' is required	Applicable regulations SOLAS 74 as amended, and the relevant resolutions and circulars of the IMO ⁽²⁾	Testing standards ⁽³⁾	Modules for conformity assessment ⁽⁴⁾					
					B+ C	B+ D	B+ E	B+ F	G	H
A.1/1.1	Lifebuoys	Regulation III/4	Regulation III/7.1 & III/34 Resolution MSC 48(66)	IMO Resolution A.689 (17) as amended by resolution MSC.54(66)		X	X	X		
A.1/1.2	Position-indicating lights for life-saving appliances	Regulation III/4	Regulation III/7.1.3, III/22.3.1, III/32.2.2 & III/34 Resolution MSC 48(66)	IMO Resolution A.689 (17) as amended by resolution MSC.54(66)		X	X	X		

⁽¹⁾ Where module H appears in column six, module H plus design-examination certificate is to be understood.

⁽²⁾ ITU Recommendations cited are those referred to in the international conventions and the relevant resolutions and circulars of the IMO.

⁽³⁾ Where IMO Resolutions are cited, only the testing standards contained in relevant parts of the Annexes to the Resolutions are applicable and exclude the provisions of the Resolutions themselves.

⁽⁴⁾ The manufacturer has choice of which conformity assessment module(s) he wishes the Notified Body to conduct. The manufacturer need only comply with one of the Boxes marked with an X.

A.1/1.3	Lifebuoys self-activating smoke signals	Regulation III/4	Regulation III/7.1 & III/34 Resolution MSC 48(66)	IMO Resolution A.689 (17) as amended by resolution MSC.54(66)		X	X	X		
A.1/1.4	Lifejackets	Regulation III/4	Regulation III/7.2 & III/34 Resolution MSC 48(66)	IMO Resolution A.689 (17) as amended by resolution MSC.54(66) EN 394, EN 396 + A1, EN 399 + A1		X	X	X		
A.1/1.5	Immersion suits and anti-exposure suits	Regulation III/4	Regulation III/7.3 & III/34, IMO Resolution MSC 48(66)	IMO Resolution A.689 (17) as amended by IMO Resolution MSC.54(66)		X	X	X		
A.1/1.6	Immersion suits and anti-exposure suits classified as lifejackets	Regulation III/4	Regulation III/7.3 & III/34, Resolution MSC 48(66)	IMO Resolution A.689 (17) as amended by resolution MSC.54(66)		X	X	X		
A.1/1.7	Thermal protective aids	Regulation III/4	Regulation III/22.4, III/32.3 & III/34, Resolution MSC 48(66)	IMO Resolution A.689 (17) as amended by resolution MSC.54(66)		X	X	X		
A.1/1.8	Rocket parachute flares (pyrotechnics)	Regulation III/4	Regulation III/6.3 & III/34, Resolution MSC 48(66)	IMO Resolution A.689 (17) as amended by resolution MSC.54(66)		X		X		
A.1/1.9	Hand flares (pyrotechnics)	Regulation III/4	Regulation III/34, Resolution MSC 48(66)	IMO Resolution A.689 (17) as amended by resolution MSC.54(66)		X		X		
A.1/1.10	Buoyant smoke signals (pyrotechnics)	Regulation III/4	Regulation III/34, Resolution MSC 48(66)	IMO Resolution A.689 (17) as amended by resolution MSC.54(66)		X		X		
A.1/1.11	Line-throwing appliances (pyrotechnics)	Regulation III/4	Regulation III/18 & III/34, Resolution MSC 48(66)	IMO Resolution A.689 (17) as amended by resolution MSC.54(66)		X		X		

A.1/1.12	Inflatable liferafts	Regulation III/4	Regulation III/21, III/31 & III/34, Resolution MSC 48(66)	IMO Resolution A.689 (17) as amended by resolution MSC.54(66)		X				
A.1/1.13	Rigid liferafts	Regulation III/4	Regulation III/21, III/31 & III/34, Resolution MSC 48(66)	IMO Resolution A.689 (17) as amended by resolution MSC.54(66)		X				
A.1/1.14	Automatically self-righting liferafts	Regulation III/4 & III/26.2.4	Regulation III/26.2 & III/34, IMO Resolution MSC 48(66), IMO MSC Circ. /809	IMO Resolution A.689 (17) as amended by IMO Resolution MSC.54(66)and modified by theappendix to MSC Circ./809 ²		X				
A.1/1.15	Canopied reversible liferafts	Regulation III/4 & III/26.2.4	Regulation III/26.2 & III/34, IMO Resolution MSC 48(66) IMO MSC Circ./809	IMO Resolution A.689 (17) as amended by IMO Resolution MSC.54 (66) and modified by the Appendix to MSC Circ./809		X				
A.1/1.16	Float-free arrangements for liferafts; (hydrostatic release units)	Regulation III/4	Regulation III/13.4 & III/34, Resolution MSC 48(66) IMO MSC Circ./811	IMO Resolution A.689 (17) as amended by IMO Resolution MSC.54(66)		X	X	X		
A.1/1.17	Lifeboats	Regulation III/4	Regulation III/21, III/31 & III/34, IMO Resolution MSC 48 (66)	IMO Resolution A.689 (17) as amended by IMO Resolution MSC.54(66)		X			X	
A.1/1.18	Rigid rescue boats	Regulation III/4	Regulation III/21, III/31, III/34, IMO Resolution MSC 48(66)	IMO Resolution A.689 (17) as amended by IMO Resolution MSC.54(66)		X			X	
A.1/1.19	Inflated rescue boats	Regulation III/4	Regulation III/21, III/31, & III/34, IMO Resolution MSC 48(66)	IMO Resolution A.689 (17) as amended by IMO Resolution MSC.54(66)		X			X	

¹ The modification by the Appendix to MSC Circ./809 is only applicable if the equipment is to be fitted on ro-ro passenger ships.

A.1/1.20	Fast rescue boats	Regulation III/4 & III/26.3.1	Regulation III/26.3 & III/34 IMO Resolution MSC 48(66), IMO MSC Circ./809	IMO Resolution A.689 (17) as amended by IMO Resolution MSC.54(66) and modified by the Appendix to MSC Circ./809 ¹		X			X	
A.1/1.21	Launching appliances using fall and winch (davits)	Regulation III/4	Regulation III/23, III/33 & III/34, IMO Resolution MSC 48(66)	IMO Resolution A.689 (17) as amended by IMO Resolution MSC.54(66)		X	X	X	X	
A.1/1.22	Float-free launching appliances for survival craft	Regulation III/4	Regulation III/34, IMO Resolution MSC 48(66)	IMO Resolution A.689 (17) as amended by IMO Resolution MSC.54(66)		X	X	X		
A.1/1.23	Launching appliances for free-fall lifeboats	Regulation III/4	Regulation III/34, IMO Resolution MSC 48(66)	IMO Resolution A.689 (17) as amended by IMO Resolution MSC.54(66)					X	
A.1/1.24	Liferaft launching appliances	Regulation III/4	Regulation III/34, IMO Resolution MSC 48(66)	IMO Resolution A.689 (17) as amended by IMO Resolution MSC.54(66)		X	X	X	X	
A.1/1.25	Fast rescue boat launching appliances	Regulation III/4 & III/26.3.2	Regulation III/26.3 & III/34, IMO Resolution MSC 48(66) IMO MSC Circ./809	IMO Resolution A.689 (17) as amended by IMO Resolution MSC.54(66) and modified by the Appendix to MSC Circ./809 ²		X	X	X		
A.1/1.26	Release mechanism for lifeboats, rescueboats and liferafts launched by a fall or falls	Regulation III/4	Regulation III/34, IMO Resolution MSC 48(66)	IMO Resolution A.689 (17) as amended by resolution MSC.54(66)		X	X	X		
A.1/1.27	Marine evacuation systems	Regulation III/4	Regulation III/34, IMO Resolution MSC 48(66)	IMO Resolution A.689 (17) as amended by resolution MSC.54(66)		X			X	

¹ The modification by the Appendix to MSC Circ./809 is only applicable if the equipment is to be fitted on ro-ro passenger ships.

² The modification by the Appendix to MSC Circ./809 is only applicable if the equipment is to be fitted on ro-ro passenger ships.

A.1/1.28	Means of rescue	Regulation III/4	Regulation III/26.4 & III/34, IMO Resolution MSC 48(66) IMO MSC Circ./810	IMO Resolution A.689 (17) as amended by resolution MSC.54(66), MSC Circ./810 (section 3)		X				
A.1/1.29	Embarkation ladders	Regulation III/4	Regulation III/34, IMO Resolution MSC 48(66)	IMO Resolution A.689 (17) as amended by resolution MSC.54(66)		X	X	X		
A.1/1.30	Retro-reflective materials	Regulation III/4	Regulation III/34, IMO Resolution MSC 48(66)	IMO Resolution A.658 (16) Annex 2		X	X	X		
A.1/1.31	Survival craft two- way VHF radio telephone apparatus	Regulation III/4	Regulation III/6.2.1, IMO Resolution A.694 (17), IMO Resolution A.809 (19), IMO Resolution A.813 (19)	ETS 300.162, ETS 300.225, EN 300.828, EN 60945; IEC 61097-12, IEC 60945		X	X	X	X	
A.1/1.32	9GHz SAR transponder (SART)	Regulation III/4. IV/14 & X/3	Regulation III/6.2.2, IV/7.1.3, X/3, IMO Resolution A.530 (13), IMO Resolution A.694 (17), IMO Resolution A.802 (19), IMO Resolution A.813 (19), ITU-R M.628-2	EN 61097-1, EN 60945-3; IEC 61 097-1, IEC 60945		X	X	X	X	
A.1/1.33	Radar reflector for lifeboats and rescue boats	Regulation III/4	Regulation III/34, IMO Resolution MSC 48(66)	IMO Resolution A.384 (X) EN 8729; ISO 8729		X	X	X	X	
A.1/1.34	Compass for lifeboats and rescue boats	Regulation III/4	Regulation III/34, IMO Resolution MSC 48(66)	ISO 613, 10316		X	X	X	X	
A.1/1.35	Portable fire extinguishing equipment for lifeboats and rescue boats	Regulation III/4	Regulation III/34, IMO Resolution MSC 48(66) IMO Resolution A.602(15)	EN 3-1/A1, 3-2, 3-3, 3-4, 3-5, 3-6		X	X	X		

A.1/1.36	Lifeboat propulsion engine	Regulation III/4	Regulation III/34, IMO Resolution MSC 48(66)	IMO Resolution A.689 (17) as amended by resolution MSC.54(66)		X	X	X		
A.1/1.37	Rescue boat propulsion engine	Regulation III/4	Regulation III/34, IMO Resolution MSC 48(66)	IMO Resolution A.689 (17) as amended by resolution MSC.54(66)		X	X	X		