

### 3. Fire protection

Item No	Item designation	Regulation SOLAS 74, as amended, where 'type approval' is required	Applicable regulation SOLAS 74, as amended, and, the relevant resolutions and circulars of the IMO	Testing standards <sup>(1)</sup>	Modules for conformity assessment					
					B+ C	B+ D	B+ E	B+F	G	H
A.1/3.1	Primary deck coverings	Regulation II-2/34.8, Regulation II-2/49.3	Regulation II-2/34.8, Regulation II-2/49.3	IMO Resolution A.687(17) IMO MSC/Circ. 549, IMO Resolution MSC 61(67) Annex 1, Parts 2 & 6, & Ann.2		X				
A.1/3.2	Portable fire extinguishers	Regulation II-2/6.1	Regulation II-2/6, IMO Resolution A.602 (15)	EN 3-1/A1, 3-2, 3-3, 3-4, 3-5, 3-6		X	X	X		
A.1/3.3	Fireman's outfit: (protective clothing)	Regulation II-2/17.1.1.1	Regulation II-2/17.1.1.1	EN 366, EN 469 or EN 531, EN 532, EN 20811		X				
A.1/3.4	Fireman's outfit: boots	Regulation II-2/17.1.1.2	Regulation II-2/17.1.1.2	EN 344, EN 344-2, EN 345, EN 345-2		X				
A.1/3.5	Fireman's outfit: gloves	Regulation II-2/17.1.1.2	Regulation II-2/17.1.1.2	EN 659		X				
A.1/3.6	Fireman's outfit: helmet	Regulation II-2/17.1.1.3	Regulation II-2/17.1.1.3	EN 443		X				
A.1/3.7	Self-contained compressed-air-operated breathing apparatus	Regulation II-2/7.1.2	Regulation II-2/17.1.2.2	EN 137		X				

A.1/3.8	Air-supplied breathing apparatus for use with a smoke helmet or smoke mask	Regulation II-2/17.1.2	Regulation II-2/17.1.2.1	EN 138, EN 139		X				
A.1/3.9	Sprinkler systems equivalent to that referred to in SOLAS Regulation II-2/12	Regulation II-2/36.1.2, II-2/36.2, II-2/41-2.5	Regulation II-2/12, II-2/36.1.2, II-2/36.2, II-2/41-2.5	IMO Resolution A.800 (19)		X			X	
A.1/3.10	Nozzles for fixed pressure water-spraying fire-extinguishing systems for machinery spaces	Regulation II-2/10.1	Regulation II-2/10.1	IMO MSC Circ./668 as amended by IMO MSC Circ./728		X	X	X		
A.1/3.11	'A' and 'B' Class divisions, fire integrity	Regulation II-2/3.3.5, II-2/3.4.4	Regulation II-2/3.3.5, II-2/16.1.1, II-2/3.4.4,	IMO Resolution A.754 (18), IMO Resolution MSC.61 (67) Annex 1, Part 3 and Annex 2		X	X	X		
A.1/3.12	Devices to prevent the passage of flame into the cargo tanks in oil tankers	Regulation II-2/59.1.5, II-2/59.1.4, II-2/59.2	Regulation II-2/59.1.5, II-2/59.1.4, II-2/59.2	IMO MSC/Circ.450/Rev.1 IMO MSC/Circ.677		X	X	X		
A.1/3.13	Non-combustible materials used in 'A', 'B' and 'C' class divisions	Regulation II-2/3.1, II-2/3.3.4, II-2/3.4.3, II-2/3.5	Regulation II-2/3.1, II-2/3.3.4, II-2/3.4.3, II-2/3.5	IMO Resolution A.799 (19), IMO Resolution MSC.61(67) Annex 1, Part 1 and Annex 2		X	X	X		
A.1/3.14	Materials other than steel for pipes penetrating 'A' or 'B' Class division	Regulation II-2/3.3.5, II-2/3.4.4 II-2/18.2.1	Regulation II-2/18.2.1	IMO Resolution A.753 (18), IMO Resolution A.754 (18), IMO Resolution MSC .61 (67) Annex 1, Part 3		X	X	X		

A.1/3.15	Materials other than steel for pipes conveying oil or fuel oil	Regulation II-2/3.3.5, II-2/18.2.2	Regulation II-2/18.2.2	IMO Resolution A.753 (18)		X	X	X		
A.1/3.16	Fire doors	Regulation II-2/3.3.5, II-2/3.4.4, II-2/30.2, II-2/31.1, II-2/47	Regulation II-2/30.2, II-2/31.1, II-2/47	IMO Resolution A.754 (18), IMO Resolution MSC.61(67) Annex 1, Part 3		X	X	X		
A.1/3.17	Fire door control systems	Regulation II-2/30.4.15	Regulation II-2/30.4.15	IMO Resolution A.754 (18), IMO Resolution MSC.61(67) Annex 1, Part 4		X	X	X		
A.1/3.18	Surface materials and floor coverings with low flame-spread characteristics	Regulation II-2/3.8, II-2/34.7, II-2/49.2	Regulation II-2/3.8, II-2/3.23.4, II-2/3.23.5, II-2/16.1.1, II-2/32.1.4.3.1, II-2/34.2, II-2/34.3, II-2/49.1, II-2/50.3.1	IMO Resolution A.653 (16), IMO Resolution MSC.61(67) Annex 1, Part 2, 5 & Annex 2 ISO 1716 <sup>1</sup>		X	X	X		
A.1/3.19	Draperies, curtains and other suspended textile materials and films	Regulation II-2/3.23.3	Regulation II-2/3.23.3	IMO Resolution MSC.61 (67) Annex 1, Part 7		X	X	X		
A.1/3.20	Upholstered furniture	Regulation II-2/3.23.6	Regulation II-2/3.23.6, Regulation II-2/34	IMO Resolution A.652 (16), IMO Resolution MSC.61(67) Annex 1, Part 8		X	X	X		
A.1/3.21	Bedding components	Regulation II-2/3.23.7	Regulation II-2/3.23.7, Regulation II-2/34	IMO Resolution A.688 (17), IMO Resolution MSC.61(67) Annex 1, Part 9		X	X	X		

<sup>(1)</sup> Where the surface material is required to have a certain maximum calorific value, this shall be measured in accordance with ISO 1716.

A.1/3.22	Fire dampers	Regulation II-2/3.3.5, II-2/16.11	Regulation II-2/16, II-2/32, II-2/48	IMO Resolution A.754 (18), IMO Resolution MSC.61(67) Annex 1, Part 3 and Annex 2		X	X	X		
A.1/3.23	Non-combustible duct penetrations through 'A' class divisions	Regulation II-2/3.3.5, II-2/16.11, II-2/18.1.1	Regulation II-2/16, II-2/32, II-2/48	IMO Resolution A.754 (18), IMO Resolution MSC.61(67) Annex 1, Part 3 and Annex 2		X	X	X		
A.1/3.24	Electric cable transits through 'A' class divisions	Regulation II-2/3.3.5, II-2/18.1.1, II-2/18.1.2	Regulation II-2/18.1.1, II-2/18.1.2	IMO Resolution A.754 (18), IMO Resolution MSC.61(67) Annex 1, Part 3 and Annex 2		X	X	X		
A.1/3.25	Windows and side scuttles	Regulation II-2/3.3.5, II-2/33	Regulation II-2/33	IMO Resolution A.754 (18), IMO Resolution MSC.61(67) Annex 1, Part 3 and Annex 2, MSC Circ/727		X	X	X		