

LIST OF EQUIPMENT TO BE APPROVED

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Item-No.	Item designation	SOLAS-Regulations, MARPOL-Regulations International and national standards, Testing standards	Name of manufacturer	Type, Trade name	Modules for conformity assessment B + D B + E B + F or only G	<i>Equipment Approved by Notified Bodies according to Directive (EU) 2022/1157.</i>				
						Name of notified body	Identification number	Number of EC-Type-Examination Certificate	Documentation enclosed? yes / no	
1. Life-Saving Appliances										
MED/1.1	Lifebuoys	Reg. III/4, III/7, III/34, X/3, LSA-Code I, II, HSC-Code 1994 + 2000, 8, Res. MSC.81(70)								
MED/1.2	Position-indicating lights for life-saving appliances: (a) for survival craft and rescue boats, (b) for lifebuoys, (c) for life-jackets	Reg. III/4, III/7, III/22., III/26, III/32, III/34, X/3, LSA-Code II, IV, HSC-Code 1994 + 2000, 8, Res. MSC.81(70)								
MED/1.3	Life-buoys self-activating smoke signals	Reg. III/4, III/7, III/34, X/3, LSA-Code I, II, HSC-Code 1994 + 2000, 8, Res. MSC.81(70)								
MED/1.4	Life jackets	Reg. III/4, III/7, III/22, III/34, X/3, LSA-Code I, II HSC-Code 1994 + 2000, 8, MSC/Circ. 922, MSC.1/Circ. 1304, MSC.1/Circ. 1470, Res. MSC.81(70)								
MED/1.5	Immersion suits and anti-exposure suits designed to be worn in conjunction WITH a lifejacket	Reg. III/4, III/7, III/22, III/32, III/34, X/3, LSA-Code I, II, HSC-Code 1994 + 2000, 8, MSC/Circ.1046, Res. MSC.81(70)								

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	a) immersion suit without inherent insulation b) immersion suit with inherent insulation c) anti exposure suit								
MED/1.6	Immersion suits and anti-exposure suits Designed to be worn in conjunction WITHOUT a lifejacket a) immersion suit without inherent insulation b) immersion suit with inherent insulation c) anti exposure suit	Reg. III/4, III/7, III/22, III/32, III/34, X/3, LSA-Code I, II, HSC-Code 1994 + 2000, 8, MSC/Circ.1046, Res. MSC.81(70)							
MED/1.7	Thermal protective aids	Reg. III/4, III/22, III/32, III/34, X/3, LSA-Code I, II, HSC-Code 1994 + 2000, 8, MSC/Circ. 1046, Res. MSC.81(70)							
MED/1.8	Rocket parachute flares (pyrotechnics)	Reg. III/4, III/6, III/34, X/3, LSA-Code I, III, HSC-Code 1994 + 2000, 8, Res. MSC.81(70), Sprengstoffgesetz/BAM							
MED/1.9	Hand flares (pyrotechnics)	Reg. III/4, III/34, X/3, LSA-Code I, III, HSC-Code 1994 + 2000, 8, Res. MSC.81(70), Sprengstoffgesetz/BAM							
MED/1.10	Buoyant smoke signals	Reg. III/4, III/ 34, X/3, LSA-Code I, III,							

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	(pyrotechnics)	Res. MSC.81(70), Sprengstoffgesetz/BAM							
MED/1.11	Line-throwing appliances (pyrotechnics)	Reg. III/4, III/18, III/34, X/3, LSA-Code I, VII, HSC-Code 1994 + 2000, 8, Res. MSC.81(70), Sprengstoffgesetz/BAM							
MED/1.12	Inflatable liferafts	Reg. III/4, III/13, III/21, III/26, III/31, III/34, X/3, LSA-Code I, IV, HSC-Code 1994 + 2000, 8, Res. MSC.81(70), MSC/Circ. 811 and for extended service intervals: MSC.1/Circ.1328							
MED/1.13	Rigid liferafts	Reg. III/4, III/21, III/26, III/31, III/34, X/3, LSA-Code I, IV, HSC-Code 1994 + 2000, 8, Res. MSC.81(70), MSC/Circ. 811, MSC/Circ.1006							
MED /1.14	Automatically self-righting liferafts	Reg. III/4, III/26, III/34, X/3, LSA-Code I, IV, HSC-Code 1994 + 2000, 8, Res. MSC.81(70), MSC/Circ. 809 incl. Add.1, MSC/Circ. 811 and for extended service intervals: MSC.1/Circ.1328							
MED /1.15	Canopied reversible liferafts	Reg. III/4, III/26, III/34, X/3, LSA-Code I, IV, HSC-Code 1994 + 2000, 8, Res. MSC.81(70), MSC/Circ. 809 incl. Add.1, MSC./Circ.811and for extended service intervals: MSC.1/Circ.1328							

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MED /1.16	Float-free arrangements for liferafts (hydrostatic release units)	Reg. III/4, III/13, III/26, III/34, X/3, LSA-Code I, IV, HSC-Code 1994 + 2000, 8, Res. MSC.81(70) MSC/Circ. 811							
MED /1.17	Lifeboats: (a) davit-launched lifeboats: - partially enclosed - totally enclosed (b) Free fall lifeboats:	Reg. III/4, III/21, III/31, III/34, X/3, LSA-Code I, IV, HSC-Code 1994 + 2000, 8, Res. MSC.81(70), MSC/Circ. 1006, MSC.1/Circ.1423							
MED /1.18	Rigid rescue boats	Reg. III/4, III/21, III/31, III/34, X/3, LSA-Code I, V, HSC-Code 1994 + 2000, 8, Res. MSC.81(70), MSC/Circ.1006							
MED /1.19	Inflated rescue boats	Reg. III/4, III/21, III/31, III/34, X/3, LSA-Code I, V, HSC-Code 1994 + 2000, 8, Res. MSC.81(70), ISO 15372 (2000)							
MED /1.20	Fast rescue boats: (a) inflated (b) rigid (c) rigid-inflated	Reg. III/4, III/26, III/34, LSA-Code I, V, Res. MSC.81(70), MSC/Circ. 1006, MSC/Circ. 1016, MSC/Circ. 1094, ISO 15372 (2000)							
MED /1.21	Launching appliances using falls (davits)	Reg. III/4, III/23, III/33, III/34, X/3 LSA-Code I, VI, HSC-Code 1994 + 2000, 8, Res. MSC.81(70)							

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MED /1.22	Float free launching appliance for survival craft	Moved to MED /1.3							
MED /1.23	Launching appliances for free-fall lifeboats	Reg. III/4, III/16, III/23, III/33, III/34, X/3, LSA-Code I, VI, HSC-Code 1994 + 2000, 8, Res. MSC.81(70)							
MED /1.24	Liferaft launching appliances (davits)	Reg. III/4, III/12, III/16, III/34, X/3, LSA-Code I, VI, HSC-Code 1994 + 2000, 8, Res. MSC.81(70)							
MED /1.25	Fast rescue boat launching appliances (davits)	Reg. III/4, III/26, III/34, LSA-Code I, VI, Res. MSC.81(70)							
MED /1.26	Release mechanism for (a) Lifeboats and rescue boats (Launched by a fall or falls) (b) Liferafts (Launched by a fall or falls) (c) Free fall lifeboats	Reg. III/4, III/16, III/34, X/3, LSA-Code I, IV, VI, HSC-Code 1994 + 2000, 8, Res. MSC.81(70), MSC/Circ.1419							
MED/1.27	Marine evacuation systems	Reg. III/4, III/15, III/26, III/34, X/3, LSA-Code I, VI, HSC-Code 1994 + 2000, 8, Res. MSC.81(70)							
MED /1.28	Means of rescue (MOR)	Reg. III/4, III/26, III/34, LSA-Code I, VI, Res. MSC.81(70), MSC/Circ. 810							

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MED /1.29	Embarkation ladders	Reg. III/4, III/11, III/34,X/3, LSA-Code, HSC-Code 1994 + 2000, Res. MSC.81(70), MSC.1/Circ.1285, ISO 5489 (2008)							
MED /1.30	Retro-reflective materials	Reg. III/4, III/34, X/3, LSA-Code I, HSC Code 1994 + 2000, 8, IMO Res. A.658(16)							
MED /1.31	Survival craft two-way VHF radio telephone apparatus	Item moved to MED/5.17 and MED /5.18							
MED /1.32	9GHz SAR transponder (SART)	Item moved to MED /4.18							
MED /1.33	Radar reflector for lifeboats and rescue boats (passive)	Reg. III/4, III/ 34, X/3, LSA-Code I, IV, V, HSC-Code 1994 + 2000, 8, Res. A.164(78), Res. A384(X), - EN ISO 8729(1998), - EN 60945 (2002) incl. IEC 60945 Corrig. 1 (2008). Or - EN ISO 8729(1998), - IEC 60945 (2002) incl. IEC 60945 Corrig. 1 (2008). Or - ISO 8729-1 (2010), - EN 60945 (2002) incl. IEC 60945, Corrig 1 (2008). Or - ISO 8729-1 (2010), - IEC 60945 (2002) incl. IEC 60945, Corrig. 1 (2008)							
MED /1.34	Compass for lifeboats and rescue boats	Item moved to MED /4.23							

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MED /1.35	Portable fire extinguishing equipment for lifeboats and rescue boats	Item moved to MED /3.38							
MED /1.36	Lifeboat/rescue boat propulsion engine	Reg. III/4, III/34, X/3, LSA-Code IV, V, Res. MSC.81(70)							
MED /1.37	Rescue boat propulsion engine - outboard motor	Reg. III/4, III/34, X/3, LSA-Code V, Res. MSC.81(70)							
MED /1.38	Searchlights for use in lifeboats and rescue boats	Reg. III/4, III/34, X/3, LSA-Code I, IV, V, HSC-Code 1994 +2000, 8, Res. MSC.81(70)							
MED /1.39	Open reversible liferafts	Reg. III/4, Reg. X/3, LSA-Code I, HSC-Code 1994, 8, Annex 10, HSC-Code 2000, 8, Annex 11, And for extended service intervals: MSC.1/Circ.1328							
MED /1.40	Mechanical pilot hoist	Moved to MED /4.48							
MED /1.41	Winches for survival craft and rescue boats (a) davit launched life boats, (b) free-fall life boats (c) liferafts, (d) rescue boats, (e) fast rescue boats	Reg. III/4, III/16, III/17, III/23, III/24, III/34, X/3, LSA-Code I, VI, HSC-Code 1994 +2000, 8, Res. MSC.81(70)							

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MED /1.42	Pilot ladder	Moved to MED /4.49							
MED /1.43	Rigid/inflated rescue boats	Reg. III/4, III/21, III/31, III/34, X/3, LSA-Code I, V, HSC-Code 1994 + 2000, 8, Res. MSC.81(70), MSC/Circ. 1006, ISO 15372.2000							
MED/1.44a	MED/1.44a Public Address and General Alarm Systems (PAGA) — Control and distribution system	SOLAS 74 Reg. III/4, SOLAS 74 Reg. X/3, HSC-Code 1994 + 2000, 4 + 8,							
MED/1.44b	Public Address and General Alarm Systems (PAGA) — Speakers	SOLAS 74 Reg. III/4, SOLAS 74 Reg. X/3, HSC-Code 1994 + 2000, 4 + 8,							

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2. Marine-Pollution Prevention

MED /2.1	Oil filtering equipment (for an oil content of the effluent not exceeding 15 p.p.m.)	MARPOL 73/78 Annex I, Reg. 14, MEPC.1/Circ.643, Res. MEPC.107 (49)							
MED /2.2	Oil/water interface detectors	MARPOL 73/78 Annex I Reg. 32, Res. MEPC 5 (XIII)							
MED/2.3	Oil-content meters	MARPOL 73/78 Annex I, Reg. 14, MEPC.1/Circ.643, Res. MEPC.107 (49)							
MED /2.4	Process units intended for attachment to existing oily water separating equipment (for an oil content of the effluent not exceeding 15 p.p.m.)	Deliberately left blank							
MED /2.5	Oil discharge monitoring and control system for oil tankers	Annex I, Reg. 31, MEPC.1/Circ.761, Rev.1, Res. MEPC 108 (49)							
MED /2.6a	Sewage systems	Annex IV, Reg. 9, Res. MEPC.227(64): (a) including section 4.2 (for use by passenger ships in all areas, incl. MARPOL Annex IV special area							
MED /2.6b	Sewage systems	Annex IV, Reg. 9, Res. MEPC.227(64): not including section 4.2 (for use by ships, other than passenger ships, in all areas and by passenger ships outside MARPOL Annex IV special areas).							

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MED /2.7	Shipboard incinerators (Incinerator plants with capacities greater than 1500 Kw and up to 4000 kW)	Annex IV, Reg. 16, MEPC.1/Circ.793, Res. MEPC.76 (40)							
MED /2.8	NO _x analyser for use on board as per NO _x Technical Code 2008	Res. MEPC.176(58) - (Revised MARPOL Annex VI, Reg. 13), - Res. MEPC.177(58) - NO _x -Technical Code 2008) - MEPC.198(62), MEPC. -1/Circ. 638							
MED /2.9	Equipment using other technological methods to limit SO _x emissions	moved to MED/9/2.4.							
MED /2.10	On board exhaust gas cleaning systems	Res. MEPC.176(58) - (Revised MARPOL Annex VI, Reg. 4) - Res. MEPC. 184(59) - Res. MEPC. 259(68) Res. MEPC.340(77)							

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3. Fire Protection									
MED /3.1	Primary decks covering	Reg. II-2/4, II-2/6, X/3, HSC Code 1994 + 2000, 7, 2010 FTP Code							
MED /3.2	Portable fire extinguishers	Reg.II-2/4, II-2/10, II-2/18, II-2/19, II-2/20, X/3, FSS Code, 4, Res. A.951(23), HSC Code 1994 + 2000, 7, MSC/Circ. 1239, MSC/Circ. 1275, EN 3-7 :2004+A.1 :2007, EN 3-8 :2006+AC:2007, EN 3-9 :2006+AC:2007, EN 3-10 :2009							
MED /3.3	Fire-fighters outfit: protective clothing (close proximity clothing)	Reg. II-2/10., X/3, FSS Code, 3, HSC Code 1994 + 2000, 7, Protective clothing for fire fighting: - EN 469:2005 + A1:2006 + AC:2006, OR Protective clothing for fire fighting - reflective clothing for specialised fire-fighting: - EN 1486 :2007, OR Protective clothing for fire fighting - Protective clothing							

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		with a reflective outer surface: -ISO 15538:2001 Note: Level 2.							
MED /3.4	Fire-fighters outfit: boots	Reg. II-2/10., X/3, FSS Code, 3, HSC Code 1994 + 2000, 7, EN 15090 :2012							
MED/3.5	Fire-fighters outfit: gloves	Reg. II-2/10., X/3, FSS Code, 3, HSC Code 1994 + 2000, 7, EN 659 :2003 + A1:2008 + AC:2009							
MED /3.6	Firefighters outfit: helmet	Reg. II-2/10., X/3, FSS Code, 3, HSC Code 1994 + 2000, 7, EN 443:2008							
MED /3.7	Self-contained compressed-air-operated breathing apparatus, Note: For use in accidents involving dangerous goods a positive pressure type mask is required.	Reg. II-2/10., X/3, FSS Code, 3, HSC Code 1994 + 2000, 7, EN 136:1998 + AC:2003, EN 137:2006 And where the apparatus is for use in accidents with cargo: IBC Code 14, IGC Code 14, ISO 23269-3:2011							
MED /3.8	Compressed air line breathing apparatus	Reg. X/3, HSC Code 1994, 7, EN 14593-1:2005, EN 14593-2:2005+AC:2005, EN 14594:2005+AC:2005	Note: This equipment is only for high speed craft built under provisions of the 1994 HSC Code. - The use is not allowed on ships, flying the German Flag -						
MED /3.9	Sprinkler systems components for accommodation spaces, service spaces and control stations equivalent	Reg. II-2/7, II-2/9, II-2/10, X/3, FSS Code, 8, HSC Code 1994 + 2000, 7, Res. MSC.44(65), Res. A.800(19),							

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	to that referred to in SOLAS 74 Reg. II-2/12 (limited to nozzles and their performance). (Nozzels for fixed sprinkler systems for high speed craft (HSC) are included under this item).	MSC.Circ.912							
MED /3.10	Nozzles for fixed pressure water-spraying fire extinguishing systems for machinery spaces and cargo pump-rooms.	Reg. II-2/10., X/3, FSS Code, 7, HSC Code 1994 + 2000, 7, MSC.1/Circ.1313, MSC/Circ.1165, Appendix A, as amended.							
MED /3.11	„A“ and „B“ Class divisions fire integrity (a) "A" class divisions, (b) "B" class divisions	Reg.II-2/9 and, „A“Class: Reg.II-2/3.2, MSC.Circ.1120, MSC.1/Circ.1434, MSC.1/Circ.1435, Res. MSC. 307(88)-(2010 FTP Code) “B”Class: Reg.II-2/ 3.4 2010 FTP Code							
MED /3.12	Devices to prevent the passage of flame into the cargo tanks in tankers	Reg.II-2/4, II-2/16, MSC/Circ. 677 EN ISO 16852:2010, ISO 15364:2007 (a) P/V valves: MSC/Circ. 677, EN ISO 16852:2010, ISO 15364:2007 (b) Flame arresters: MSC/Circ. 677, EN ISO 16852:2010, (c) Detonation flame arresters: MSC/Circ. 677, EN ISO 16852:2010, (d) high velocity vent valves:							

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		MSC/Circ. 677, EN ISO 16852:2010, ISO 15364:2016							
A.1/3.13	Non-combustible materials	Reg. II-2/3, II-2/5, II-2/9, X/3, HSC Code 1994 + 2000, 7, 2010 FTP Code							
A.1/3.14	Materials other than steel for pipes penetrating „A“ or „B“ class division	Item included in MED/3.26 and MED/3.27							
MED /3.15	Materials other than steel for pipes conveying oil or fuel oil (a) plastic pipes and fittings, (b) valves, (c) flexible pipe assemblies and compensators, (d) metallic pipe components with resilient and elastomeric seals.	Reg. II-2/4, X/3 HSC Code 1994+2000,7,10, MSC/Circ.1120 for a) Res. A.753(18), 2010 FTP Code for b) EN ISO 10497:2010 for c) EN ISO 15540:2001 + EN ISO 15541:2001 for d) ISO 19921:2005 + ISO 19922:2005							
MED /3.16	Fire doors	Reg. II-2/9 2010 FTP-Code MSC.1/Circ. 1319							
MED /3.17	Fire door control systems components	Reg. II-2/9, X/3, HSC Code 2000, 7, FTP-Code 2010							
MED /3.18	Surface materials and floor coverings with low flame-spread characteristics (a) decorative veneers, (b) paint sys-	Reg. II-2/3, II-2/5, II-2/6, II-2/9, X/3 HSC Code 1994 + 2000, 7, 2010 FTP-Code MSC/Circ.1120							

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	tems, (c) floor coverings, (d) pipe insulation covers, (e) adhesives used in the construction of "A","B" & "C" class divisions, (f) combustible ducts membrane.								
MED /3.19	Draperies, curtains and other suspended textile materials and films	Reg. II-2/3, II-2/9, X/3, HSC Code 1994 + 2000, 7, 2010 FTP-Code MSC.1/Circ.1456							
MED /3.20	Upholstered furniture	Reg. II-2/3, II-2/5, II-2/9, X/3, HSC Code 1994 + 2000, 7, 2010 FTP-Code							
MED /3.21	Bedding components	Reg. II-2/3, II-2/9, X/3, HSC Code 1994 + 2000, 7, 2010 FTP-Code							
MED /3.22	Fire dampers	Reg. II-2/9, 2010 FTP-Code							
MED /3.23	Non-combustible duct penetrations through „A“ class divisions	Item deliberately left blank.							
MED /3.24	Electric cable transits through „A“ class divisions	Item deliberately left blank.							
MED/3.25	“A” and “B” class fire proof windows and side scuttles	Reg. II-2/9, MSC/Circ.1120, 2010 FTP-Code							
MED /3.26	Penetrations through “A” class divisions	Reg. II-2/9, MSC.Circ.1/1488, MSC/Circ. 1276 (only applicable to (b)),							

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						Name of notified body	Identification number	Number of EC-Type-Examination Certificate	Documentation enclosed? yes / no
	(a) electric cable transits, (b) pipe, duct, trunk, etc. penetrations	2010 FTP-Code							
MED /3.27	Penetrations through 'B' class divisions by (a) electric cable transits, (b) pipe, duct, trunk, etc. penetrations	Reg. II-2/9, 2010 FTP-Code							
MED /3.28	Sprinkler systems (limited to sprinkler heads). (Nozzels for fixed sprinkler sytems for high speed craft (HSC) are included under this item).	Reg. II-2/7, II-2/10, X/3, HSC Code 1994 + 2000, 7, Res. MSC.44(65), FSS Code, 8, MSC/Circ.912, ISO 6182-1:2014. Or EN 12259-1:1999) incl. A 1:2001, A2:2004 and A3: 2006							
MED /3.29	Fire fighting hoses Non-percolating lay flat fire-fighting hoses (range of the inside diameter from 25 mm to 52 diameter)	Reg. II-2/10, X/3, HSC Code 1994 + 2000, 7, EN 14540:2014							
MED /3.30	Portable oxygen analysis and gas detection equipment	Reg. II-2/4, VI/3, FSS-Code, 15, - EN 60945:2002 incl. IEC 60945 Corrig. 1 (2008) or IEC 60945 (2002) incl. IEC 60945 Corrig. 1 (2008), - IEC 60092-504:2001 incl. IEC 60092-504 Corrig. 1:2011, - IEC 60533:1999 and for							

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Item-No.	Item designation	SOLAS-Regulations, MARPOL-Regulations International and national standards, Testing standards	Name of manufacturer	Type, Trade name	Modules for conformity assessment B + D B + E B + F or only G	<i>Equipment Approved by Notified Bodies according to Directive (EU) 2022/1157.</i>			
						Name of notified body	Identification number	Number of EC-Type-Examination Certificate	Documentation enclosed? yes / no
		a) Category 1: (safe area) - EN 50104:2010, - EN 60079-29-1:2007, b) Category 2: (explosive gas atmospheres): - EN 50104:2010, - EN 60079-29-1:2007, - EN 60079-0:2012 incl. A11:2013, - EN 60079-1:2007 incl. IEC 60079-1-Corrig. 1 (2008), - EN 60079-10-1:2009 - EN 60079-11:2012 - EN 60079-15:2010 - EN 60079-26:2007							
MED /3.31	Nozzles for fixed sprinkler systems for high speed craft HSC	Item deleted as it is covered by MED /3.9 and MED /3.28							
MED /3.32	Fire restricting materials (except furniture) for high speed craft	Reg. X/3, HSC Code 1994 + 2000, 7, 2010 FTP-Code, MSC.1/Circ.1457							
MED /3.33	Fire restricting materials for furniture for high speed craft	Reg. X/3, HSC Code 1994 + 2000, 7, 2010 FTP-Code							
MED /3.34	Fire resisting divisions for high speed craft	Reg. X/3, HSC Code 1994 + 2000, 7, 2010 FTP-Code MSC.1/Circ.1457							
MED /3.35	Fire doors on high speed craft	Reg. X/3, HSC Code 1994 + 2000, 7, 2010 FTP-Code							
MED /3.36	Fire dampers on high speed craft	Reg. X/3, HSC Code 1994 + 2000, 7, 2010 FTP-Code							
MED /3.37	Penetrations through fire	Reg. X/3, HSC Code 1994 + 2000, 7,							

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						Name of notified body	Identification number	Number of EC-Type-Examination Certificate	Documentation enclosed? yes / no
	resisting divisions on high speed craft (a) electric cable transits (b) pipe, duct, trunk etc. penetrations	2010 FTP-Code							
MED /3.38	Portable fire-extinguishing equipment for lifeboats and rescue boats	Reg. III/4, III/34, X/3, HSC Code 1994,8 + 2000,8, LSA Code I, IV, V, Res. A.951(23), EN 3-7:2004 + A1:2007, EN 3-8:2006 + AC:2007, EN 3-9:2006 + AC 2007, EN 3-10:2009							
MED /3.39	Nozzles for equivalent water-mist fire extinguishing systems for machinery spaces and cargo pump rooms	Reg. II-2/10, X/3, HSC Code 1994,7 + 2000, 7, FSS Code, 7, MSC/Circ. 1165, MSC.1/Circ. 1313, MSC.1/Circ.1458							
MED /3.40	Low-location lighting systems (components only)	Reg. II-2/13, FSS Code, 11 Res. A.752(18) or ISO 15370:2010							
MED /3.41	Emergency escape breathing devices (EEBD)	ISO 23269-1 (2008) and alternatively: For self contained open circuit compressed air breathing apparatus with full mask or mouthed piece assembly for escape: EN 402:2003. For self contained open circuit compressed air breathing apparatus with a hood for escape: EN 1146:2005.							

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Item-No.	Item designation	SOLAS-Regulations, MARPOL-Regulations International and national standards, Testing standards	Name of manufacturer	Type, Trade name	Modules for conformity assessment	<i>Equipment Approved by Notified Bodies according to Directive (EU) 2022/1157.</i>			
					B + D B + E B + F or only G	Name of notified body	Identification number	Number of EC-Type-Examination Certificate	Documentation enclosed? yes / no
		For self contained: closed circuit compressed air breathing apparatus: EN 13794:2002.							
MED /3.42	Inert gas systems components	Reg. II-2/4, Res. A.567(14), FSS Code, 15, MSC/Circ. 353, MSC/Circ. 485, MSC/Circ. 731, MSC/Circ. 1120							
MED /3.43	Nozzles for deep fat cooking equipment fire extinguishing systems (automatic or manual type)	Reg. II-2/1, II-2/10, X/3, HSC Code 2000, 7, MSC.1/Circ.1433, ISO 15371:2015							
MED /3.44	Firefighters outfit - lifeline	Reg. II-2/10, X/3 HSC Code 1994 + 2000, 7, FSS Code, 3, 2010 FTP-Code							
MED /3.45	Equivalent fixed gas fire extinguishing systems components (extinguishing medium, head valves and nozzles) for machinery spaces and cargo pump rooms	Reg. II-2/10, X/3, FSS Code, 5, HSC Code 1994 + 2000, 7, MSC/Circ. 848, MSC.1/Circ. 1313, MSC.1/Circ. 1316,							
MED /3.46	Equivalent fixed gas fire extinguishing systems for machinery spaces (aerosol systems)	Reg. II-2/10, X/3, FSS Code, 5, HSC Code 1994 + 2000, 7, MSC.1/Circ. 1270 incl. Corrigendum 1 MSC.1/Circ. 1313							

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						Name of notified body	Identification number	Number of EC-Type-Examination Certificate	Documentation enclosed? yes / no
MED /3.47	Concentrate for fixed high expansion foam fire extinguishing systems for machinery spaces and cargo pump rooms. Note: The fixed high expansion foam fire extinguishing system (incl. those systems which use inside air from their working spaces for their intended performance),for machinery spaces and cargo pump rooms must still be tested with the approved concentrate to the satisfaction of the administration.	Reg. II-2/10, FSS Code, 6, MSC/Circ. 670							
MED /3.48	Fixed water based local application fire fighting systems components for use in category “A” machinery spaces. (Nozzles and performance tests).	Reg. II-2/10, X/3, HSC Code 1994 + 2000, 7, MSC.1/Circ. 1387							
MED /3.49	Fixed water-based fire-fighting systems for ro-ro spaces, vehicle	Reg. II-2/19, II-2/20, X/3, HSC Code 1994 + 2000, 7, FSS Code, 7, MSC.1/Circ. 1430							

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Item-No.	Item designation	SOLAS-Regulations, MARPOL-Regulations International and national standards, Testing standards	Name of manufacturer	Type, Trade name	Modules for conformity assessment B + D B + E B + F or only G	<i>Equipment Approved by Notified Bodies according to Directive (EU) 2022/1157.</i>			
						Name of notified body	Identification number	Number of EC-Type-Examination Certificate	Documentation enclosed? yes / no
	spaces and special category spaces (a) Prescriptive-based systems as per Circ. 1430 Clause 4: (b) Performance-based systems as per Circ. 1430 Clause 5.								
MED /3.50	Protective clothing resistant to chemical attack	Item deliberately left blank.							
A.1/3.51	Fixed fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies, machinery spaces and unattended machinery spaces (a) Control and indicating equipment (b) Power supply equipment (c) Heat detectors - Point detectors (d) Smoke detectors: Point detectors using scattered light,	Reg. II-2/7, Regel X/3, FSS Code, 9, HSC Code 1994 + 2000, 7, MSC.1/Circ. 1242, MSC.1/Circ.1487 (a) Control and indicating equipment, electrical installations in ships: EN 54-2:1997 incl. AC:1999 and A1:2006. (b) Power supply equipment: EN 54-4:1997 incl. AC:1999, A1:2002 and A2:2006 (c) Heat detectors-Point detectors: EN 54-5:2000 incl.A1:2002 (d) Smoke detectors-Point detectors using scattered light transmitted light or ionisation: EN 54-7:2015 (e) Flame detectors-Point detectors: EN 54-10:2002 incl. A1:2005 (f) Manual call points: EN 54-11:2001 incl. A1:2005							

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Item-No.	Item designation	SOLAS-Regulations, MARPOL-Regulations International and national standards, Testing standards	Name of manufacturer	Type, Trade name	Modules for conformity assessment B + D B + E B + F or only G	<i>Equipment Approved by Notified Bodies according to Directive (EU) 2022/1157.</i>			
						Name of notified body	Identification number	Number of EC-Type-Examination Certificate	Documentation enclosed? yes / no
	transmitted light or ionization (e) Flame detectors: Point detectors (f) Manual call points (g) Short circuit isolators (h) Input/output devices (i) Cables	(g) Short circuit isolators: EN 54-17:2007 incl. AC:2007 (h) Input/output devices: EN 54-18:2005 incl. AC:2007 (i) Cables: EN 60332-1-2:2004, IEC 60092-376:2003, And, as applicable, electrical and electronic installations in ships: IEC 60092-504:2016, IEC 60533:2015							
MED/3.52	Non-portable and transportable fire extinguishers	Reg. II-2/10, X/3, II-2/4, HSC Code 1994 + 2000, 7, EN 1866-1:2007, EN 1866-2:2014. Or EN 1866-1:2007, EN 1866-3:2013. Or ISO 11601:2008							
MED/3.53	Fire alarm devices-Sounders	Reg. II-2/7, X/3, FSS Code, 9, HSC Code 1994 + 2000, 7, MSC.1/Circ.1242, MSC.1/Circ.1487. Sounders: - EN 54-3 :2014, -IEC 60092-504:2016 -IEC 60533:2015.							
MED/3.54	Fixed oxygen analysis and gas detection equipment	Reg. II-2/4, VI/3, FSS Code, 15, For combined O ₂ / HC systems additionally: -MSC.1/Circ.1370. - IEC 60092-504:2016,							

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					B + D B + E B + F or only G	Name of notified body	Identification number	Number of EC-Type-Examination Certificate	Documentation enclosed? yes / no
		- IEC 60533:2015. And as applicable to: a) Category 4: (safe area) EN 5010:2010 b) Category 3: (explosive gas atmospheres: - EN 50104 :2010, - EN 60079-0 :2012 incl. A11:2013, EN 60079-29-1:2007.							
MED/3.55	Dual-purpose type nozzles (spray/jet type)	Reg. II-2/10, X/3, HSC Code 1994 + 2000, 7, Hand held branchpipes for fire service use-Combination branchpipes PN 16: - EN 15182-1:2007 incl. A1:2009 - EN 15182-2 :2007 incl. A1 :2009 Hand held branchpipes for fire service use - Smooth bore jet and/or one fixed spray jet angle branchpipes PN 16: - EN 15182-1:2007 incl. A1:(2009, - EN 15182-3:2007 incl. A1:2009							
MED/3.56	Fire fighting hose systems Hose reels with semi-rigid hose	Reg. II-2/10, X/3, HSC Code 1994 + 2000, 7, EN 671-1:2012							
MED/3.57	Medium expansion foam fire extinguishing systems components - Fixed deck Foam for Tankers	Reg. II-2/10., II-2/10.8.1, FSS Code, 14, MSC.1/Circ.1239, MSC.1/Circ.1276, MSC/Circ.798							

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Item-No.	Item designation	SOLAS-Regulations, MARPOL-Regulations International and national standards, Testing standards	Name of manufacturer	Type, Trade name	Modules for conformity assessment B + D B + E B + F or only G	<i>Equipment Approved by Notified Bodies according to Directive (EU) 2022/1157.</i>			
						Name of notified body	Identification number	Number of EC-Type-Examination Certificate	Documentation enclosed? yes / no
A.1/3.58	Fixed low expansion foam fire extinguishing systems components for Machinery Spaces and Tanker Deck Protection	Reg. II-2/10, FSS Code, 6, 14, MSC.1/Circ.1239, MSC.1/Circ.1276, MSC.1/Circ.1312, MSC.1/Circ.1312 Corr.1.							
MED/3.59	Expansion Foam for Fixed Fire Extinguishing Systems for Chemical Tankers	Reg.II-2/1, IBC Code, 11, MSC/Circ. 553, MSC.1/Circ.1312, MSC.1/Circ.1312/ Corr.1							
MED/3.60	Nozzles for fixed pressure water-spraying fire-extinguishing systems for cabin balconies	Reg. II-2/10, FSS Code, 7, MSC.1/Circ.1268, MSC.1/Circ.1313.							
MED/3.61	a) Inside air high expansion foam systems for the protection of machinery spaces and cargo pump rooms, vehicle and ro-ro spaces, special category spaces and cargo spaces. b) Outside air high expansion foam systems for the protection of machinery spaces, cargo pump rooms, vehicle and ro-ro spaces, special category spaces and cargo spaces.	Reg. II-2/10, FSS Code, 6, MSC.1/Circ.1384 Note: Inside/Outside air high expansion foam systems for the protection of machinery spaces, cargo pump rooms, vehicle and ro-ro spaces, special category spaces and cargo spaces shall be tested with the approved concentrate to the satisfaction of the Administration.							

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						Name of notified body	Identification number	Number of EC-Type-Examination Certificate	Documentation enclosed? yes / no
MED/3.62	Dry chemical powder extinguishing systems	Reg.II-2/1, IGC Code, 11, MSC.1/Circ.1315.							
MED/3.63	Sample extraction smoke detection systems components	Reg. II-2/7, II-2/19, II-2/20, FSS Code, 10, and for: Control and indicating equipment. Electrical installations in ships: - EN 54-2:1997 incl. AC:1999 and A1:2006. Power supply equipment: - EN 54-4:1997 incl. AC:1999, and A1:2002 and A2:2006. Aspiring smoke detectors: - EN 54-20:2006 incl. AC: 2008. And as applicable, electrical and electronic installations in ships: -IEC 60092-504:2016 , - IEC 60533:2015 And, as applicable for explosive atmospheres: EN 60079-0:2012 incl. A11:2013							
MED/3.64	"C" class divisions	Reg.II-2/3.10, II-2/9, 2010 FTP Code							

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						Name of notified body	Identification number	Number of EC-Type-Examination Certificate	Documentation enclosed? yes / no
MED/3.65	Fixed hydrocarbon gas detection system	Reg. II-2/4, FSS Code, 16, MSC.1/Circ.1370. - IEC 60079-0:2012 incl. A11:2013 - EN 60079-29-1:2007, - IEC 60092-504:2016, IEC 60533:2015.							
MED/3.66	Evacuation guidance systems used as an alternative to low-location lighting systems	Reg. II-2/13, MSC.1/Circ.1168							
MED/3.67	Helicopter facility foam-fire fighting appliances	Reg. II-2/18, MSC.1/Circ.1431. - EN 13565-1:2003 including A1:2007							
MED/3.68	Galley Exhaust Duct Fixes Fire Extinguishing Systems components	Reg. II-2/9, ISO 15371:2015							
MED/3.69	Mobile water monitor for ships constructed on or after 1 January 2016 designed to carry five or more tiers of containers on or above the weather deck	Reg. II-2/10, MSC.1/Circ.1472							
MED/3.70	Fire-fighting hoses Semi-rigid hoses for fixed systems	Reg. II-2/10, Reg. X/3 MSC.1/Circ.1472 HSC Code 1994 + 2000, 7, - EN 694:2014							

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						Name of notified body	Identification number	Number of EC-Type-Examination Certificate	Documentation enclosed? yes / no
MED/3.71	Fixed firefighting hose systems Hose systems with lay-flat hose	Reg. II-2/10, Reg. X/3. HSC Code 1994 + 2000, 7, - EN 671-2:2012							
Additional equipment to be approved for seagoing German flagged ships (only BG Verkehr approvals)									
1	Special extinguishing powder	IGC-Code Kap.11.4.1 Approval certificate issued by the Ministry of the Interior of North-Rhine Westphalia or Saxony							
2	Electric safety lamps, explosion-proof	Reg. II-2/17.1.1.4 IMO Resolution MSC.36(63) 7.10.3.1.4 (1994 HSC Code), APR §§ 48, 278(3) Certificate for use in hazardous areas							