

BG Verkehr

Berufsgenossenschaft für Transport und Verkehrswirtschaft

Ship Safety Division

Brandstwiete 1

20457 Hamburg

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(Status: 18.10.2011)

Equipment to be approved for newbuildings and ships flagging in to German flag

Shipyard:

Newbuilding number:

GRT:

Keel laid:

Owners:

Ship type:

Equipment to be approved according to:

1. SOLAS 74/88,
2. MARPOL 73/78 and
3. German Ship Safety Ordinance

has to be approved by a notified body within EC. Approved equipment is listed up in the list of approvals, as amended. It can be ordered via the above address.

If necessary, an annex for particular equipment should be enclosed.

Tests, inspections and trials carried out by another notified body (notified according to marine Directive 96/98/EC as amended) are accepted, if compliance with the relevant requirements of the International Maritime Organization (IMO) or equivalent ones is proven.

In case any equipment or parts thereof have not yet been approved by BG Verkehr or any other notified body, the **manufacturer** has to initiate an approval procedure without delay. In particular, the relevant test certificates as quoted in column no. 3 of appended list have to be forwarded. For a preliminary assessment, the required information as per column no. 7 are of utmost importance and have to be provided by the **shipyard**.

For the shipyard or owner:

(Place)

(Date)

(Signature)

Attachment : List of equipment to be approved

LIST OF EQUIPMENT TO BE APPROVED

1	2	3	4	5	6	7			
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 Body According to Directive 96/98/EC Amended by Directive 2010/68/EC</i>			
						Name of notified body	Identifi- cation number	Number of EC-Type- Examination Certificate	Documen- tation enclosed? yes / no
1. Life-Saving Appliances									
A.1/1.1	Lifebuoys	Reg. III/4, III/7, III/34, X/3, LSA-Code I, II, Res. MSC.81(70) HSC-Code 1994 + 2000, 8							
A.1/1.2	Position-indicating lights for life-saving appliances	Reg. III/7, III/22., III/26, III/32, III/34, X/3, LSA-Code II, IV, EN 394 (1993) for lifejacket lights only, HSC-Code 1994 + 2000, 8 MSC/Circ. 885, MSC/Circ. 980, Res. MSC.81(70)							
A.1/1.3	Life-buoys self- activating smoke signals	Reg. III/4, III/7, III/34, X/3, LSA-Code I, II, Res. MSC.81(70) HSC-Code 1994 + 2000, 8							
A.1/1.4	Life jackets	Reg. III/4, III/7, III/22, III/34, X/3, LSA-Code I, II Res. MSC.81(70) EN 394 (1993) HSC-Code 1994 + 2000, 8 MSC/Circ. 922, MSC/Circ. 980							
A.1/1.5	Immersion suits and anti-exposure suits	Reg. III/4, III/7, III/22, III/32, III/34, X/3, LSA-Code I, II, Res. MSC.81(70) HSC-Code 1994 + 2000, 8 MSC/Circ. 980, EN ISO 15027-3(2002)							

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						Name of notified body	Identification number	Number of EC-Type-Examination Certificate	Documentation enclosed? yes / no
A.1/1.6	Immersion suits and anti-exposure suits classified as life jackets	Reg. III/4, III/7, III/22, III/32, III/34, X/3, LSA-Code I, II, Res. MSC.81(70) HSC-Code 1994 + 2000, 8 MSC/Circ. 980, EN ISO 15027-3(2002)							
A.1/1.7	Thermal protective aids	Reg. III/4, III/22, III/32, III/34, X/3, LSA-Code I, II, Res. MSC.81(70), HSC-Code 1994 + 2000, 8 MSC/Circ. 980							
A.1/1.8	Rocket parachute flare (pyrotechnics)	Reg. III/4, III/6, III/34, III/34, X/3, LSA-Code I, III, Res. MSC.81(70), MSC/Circ. 980, HSC-Code 1994 + 2000, 8 Sprengstoffgesetz/BAM							
A.1/1.9	Hand flares (pyrotechnics)	Reg. III/4, III/34, X/3, LSA-Code I, III, Res. MSC.81(70), MSC/Circ. 980, HSC-Code 1994 + 2000, 8 Sprengstoffgesetz/BAM							
A.1/1.10	Buoyant smoke signals (pyrotechnics)	Reg. III/4, III/34, X/3, LSA-Code I, III, Res. MSC.81(70), MSC/Circ. 980							
A.1/1.11	Line-throwing appliances (pyrotechnics)	Reg. III/4, III/18, III/34, X/3, LSA-Code I, VII, Res. MSC.81(70), MSC/Circ. 980, HSC-Code 1994 + 2000, 8 Sprengstoffgesetz/BAM							
A.1/1.12	Inflatable life-rafts	Reg. III/4, III/13, III/21, III/26, III/31, III/34, X/3,							

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		LSA-Code I, IV, Res. MSC.81(70), MSC/Circ. 980, HSC-Code 1994 + 2000, 8							
A.1/1.13	Rigid life-rafts	Reg. III/4, III/21, III/26, III/31, III/34, X/3, LSA-Code I, IV, Res. MSC.81(70), MSC/Circ. 811, MSC/Circ. 980, MSC/Circ. 1006, HSC-Code 1994 + 2000, 8							
A.1/1.14	Automatically self-righting life-rafts	Reg. III/4, III/26, III/34, X/3, LSA-Code I, IV, Res. MSC.81(70), MSC/Circ. 980, 809 incl. Add. 1, 811, 1006, HSC-Code 1994 + 2000,8							
A.1/1.15	Canopied reversible life-rafts	Reg. III/4, III/26, III/34, X/3, LSA-Code I, IV, Res. MSC.81(70), MSC/Circ. 980, MSC/Circ. 809 incl. Add.1, 811, 1006, HSC-Code 1994 + 2000,8							
A.1/1.16	Float-free arrangements for life-rafts; hydrostatic release units	Reg. III/4, III/13, III/26, III/34, X/3, LSA-Code I, IV, Res. MSC.81(70) MSC/Circ. 811, MSC/Circ. 980, HSC-Code 1994 + 2000, 8							
A.1/1.17	Lifeboats	Reg. III/4, III/21, III/31, III/34, X/3, LSA-Code I, IV, Res. MSC.81(70), MSC/Circ. 980, MSC/Circ. 1006,							

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						Name of notified body	Identification number	Number of EC-Type-Examination Certificate	Documentation enclosed? yes / no
		HSC-Code 1994 + 2000, 8							
A.1/1.18	Rigid rescue boats	Reg. III/4, III/21, III/31, III/34, X/3, LSA-Code I, V, Res. MSC.81(70), MSC/Circ. 980, MSC/Circ. 1006,, HSC-Code 1994 + 2000, 8							
A.1/1.19	Inflated rescue boats	Reg. III/4, III/21, III/31, III/34, X/3, LSA-Code I, V, Res. MSC.81(70) MSC/Circ. 980, ISO 15372 (2000), HSC-Code 1994 + 2000, 8							
A.1/1.20	Fast rescue boats	Reg. III/4, III/26, III/ 34, LSA-Code I, V, Res. MSC.81(70), MSC/Circ. 809 incl. Add.1, MSC/Circ. 980, MSC/Circ. 1006, MSC/Circ. 1016, MSC/Circ. 1094, ISO 15372 (2000)							
A.1/1.21	Launching appliances using fall and winch (davits)	Reg. III/4, III/23, III/33, III/34, LSA-Code I, VI, Res. MSC.81(70), MSC/Circ. 980, HSC-Code 1994 + 2000, 8							
A.1/1.22		Item moved to Annex 2. At the moment no EC-Type Examination Certificate is required.							
A.1/1.23	Launching appliances for Free-fall lifeboats	Reg. III/4, III/16, III/23, III/33, III/34, X/3, LSA-Code I, VI, Res. MSC.81(70), MSC/Circ. 980, HSC-Code 1994 + 2000, 8							
A.1/1.24	Life-raft launching	Reg. III/4, III/12, III/16,							

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	appliances	III/34, X/3, LSA-Code I, VI, Res. MSC.81(70), MSC/Circ. 980, HSC-Code 1994 + 2000, 8							
A.1/1.25	Fast rescue-boat launching appliances	Reg. III/4, III/26, III/34, LSA-Code I, VI, Res. MSC.81(70), MSC/Circ. 980, MSC/Circ. 809 incl. Add.1, HSC-Code 1994 + 2000, 8							
A.1/1.26	Release mechanism for lifeboats, rescue-boats and life-rafts launched by a fall or falls	Reg. III/4, III/16, III/34, X/3, LSA-Code I, IV, VI, Res. MSC.81(70), MSC/Circ. 980, HSC-Code 1994 + 2000, 8							
A.1/1.27	Marine evacuation systems (MES)	Reg. III/4, III/15, III/26, III/34, X/3, LSA-Code I, VI, Res. MSC.81(70), MSC/Circ. 980, HSC-Code 1994 + 2000, 8							
A.1/1.28	Means of rescue	Reg. III/4, III/26, III/34, X/3, LSA-Code I, VI, Res. MSC.81(70), MSC/Circ. 980, MSC/Circ. 810, HSC-Code 1994 + 2000, 8							
A.1/1.29	Embarkation ladders	Item moved to A.2/1.4							
A.1/1.30	Retro-reflective materials	Reg. III/4, III/34, X/3, LSA-Code I, Res. A.658(16), MSC/Circ. 980							
A.1/1.31	Survival craft two-way VHF radio telephone apparatus	Item moved to A.1/5.17 and A.1/5.18							
A.1/1.32	9GHz SAR transponder (SART)	Item moved to to A.1/4.18							

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						Name of notified body	Identifi- cation number	Number of EC-Type- Examination Certificate	Documen- tation enclosed? yes / no
A.1/1.33	Radar reflector for lifeboats and rescue- boats	Reg. III/4, III/ 34, X/3, LSA-Code I, IV, V, MSC/Circ. 980, Res. A.164(78), EN ISO 8729(1998)							
A.1/1.34	Compass for lifeboats and rescue- boats	Item moved to A.1/4.23							
A.1/1.35	Portable fire extinguishing equipment for lifeboats and rescue- boats	Item moved to to A.1/3.38							
A.1/1.36	Lifeboat propulsion engine	Reg. III/4, III/34, X/3, LSA-Code IV, V, Res. MSC.81(70)							
A.1/1.37	Rescue-boat propulsion engine	Reg. III/4, III/34, X/3, LSA-Code V, Res. MSC.81(70)							
A.1/1.38	Searchlights for use in Lifeboats and Rescue Boats	Reg. III/4, III/34, X/3, LSA-Code I, IV, V, Res. MSC.81(70), MSC/Circ. 980 HSC-Code 1994 +2000, 8							
A.1/1.39	Open reversible liferrafts	Reg. III/4, X/3, LSA-Code IV, V, Res. MSC.81(70)							
A.1/1.40	Mechanical pilot hoist	Moved to A.1/4.48							
A.1/1.41	Winches for survival craft and rescue boats	Reg. III/4, III/16, III/23, III/24, III/34, X/3, LSA-Code I, VI, HSC-Code 1994 +2000, 8 Res. MSC.81(70)							
A.1/1.42	Pilot ladder	Moved to A.1/4.49							
A.1/1.43	Rigid/inflated rescue boats	Reg. III/4, III/21, III/31, III/34, X/3,							

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		LSA-Code I, V, Res. MSC.81(70), MSC/Circ. 1006,, HSC-Code 1994 + 2000, 8							

2. Marine-Pollution Prevention

A.1/2.1	Oil filtering equipment (for an oil content of the effluent not exceeding 15 ppm)	Ann. I Reg. 16 (4), (5), Rev. Ann. I, Reg. 14.6, 14.7, Ann. I Reg. 16 (1), (2), Rev. Ann. I Reg. 14.1, 14.2, 14.3 MEPC 60 (33) MEPC 107 (49)							
A.1/2.2	Oil/water interface detectors	Ann. I Reg. 15 (3) (b), Rev. Ann. I, Reg. 32, MEPC 5 (XIII)							
A.1/2.3	Oil-content meters	Ann. I Reg. 16 (5), Rev. Ann. I Reg. 14.7, Ann. I, Reg. 16 (1), (2), Rev. Ann. I, Reg. 14.1 and 14.2 MEPC 60 (33), MEPC 107 (49)							
A.1/2.4	Process units intended for attachment to existing oily water separating equipment (for an oil content of the effluent not exceeding 15 ppm)	Item deleted.							
A.1/2.5	Oil discharge monitoring and	Ann. I Reg. 15 (3) (a), Ann. I, Reg. 15 (3), Rev.							

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						Name of notified body	Identifi- cation number	Number of EC-Type- Examination Certificate	Documen- tation enclosed? yes / no
	control system for an oil tanker	Ann. I, Reg. 31.2, 31.3, 31.4, MEPC 108 (49)							
A.1/2.6	Sewage treatment plants	Ann. IV, Reg. 9, Rev. Ann. IV, Reg. 9 MEPC 2 (VI)							
A.1/2.7	Shipboard incinerators	Ann. VI, Reg. 16(2)(a), Ann. VI, Reg. 16 MEPC.76 (40)							
A.1/2.8 Ex A.2/2.1	On-board NOx monitoring and recording devices	Ann. VI, Reg. 13 NOx Technical Code MEPC.103(49)							
A.1/2.9 Ex A.2/2.4	Other technological methods to limit SOx emissions	Ann. VI, Reg. 14 MEPC.170(57)							

3. Fire Protection

A.1/3.1	Primary decks covering	Reg. II-2/4, II-2/6, X/3, Res. MSC.61(67)-(FTP- Code), HSC-Code 1994 + 2000, 7 MSC/Circ. 1120							
A.1/3.2	Portable fire extinguishers	Reg.II-2/4, 10, 19, 20, X/3, FSS-Code, Chapt. 4., Res. A.951(23), HSC-Code 1994 + 2000, 7 MSC/Circ. 1239 MSC/Circ. 1275 EN 3-6 (1995), + A.1 (1999), EN 3-7 (2004) + A.1 (2007), EN 3-8 (2006), + AC (2007), EN 3-9 (2006), + AC (2007)							
A.1/3.3	Firefighters outfit: protective clothing (close proximity clothing)	Reg. II-2/10., Reg. X/3, FSS-Code, Chapt. 3, HSC-Code 1994 + 2000, 7 EN 469 (2005) + A1 (2006)							

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		+ AC (2006), EN 531 (1995) + A1 (1998), EN 1486 (2007) or ISO 15538 (2001)							
A.1/3.4	Firefighters outfit: boots	Reg. II-2/10., Reg. X/3, FSS-Code, Chapt. 3, HSC-Code 1994 + 2000, 7 EN ISO 20344(2004) + A1(2007) + AC(2005), EN ISO 20345(2004) + A1(2007) + AC(2007)							
A.1/3.5	Firefighters outfit: gloves	Reg. II-2/10., Reg. X/3, FSS-Code, Chapt. 3, HSC-Code 1994 + 2000, 7 EN 659 (2003) + A1 (2008)							
A.1/3.6	Firefighters outfit: helmet	Reg. II-2/10., Reg. X/3, FSS-Code, Chapt. 3, HSC-Code 1994 + 2000, 7 EN 443 (2008)							
A.1/3.7	Self-contained compressed-air-operated breathing apparatus	Reg. II-2/10., Reg. X/3, FSS-Code, Chapt. 3, HSC-Code 1994 + 2000, 7 EN 136 (1998) + AC (1999) + AC (2003) EN 137 (2006)							
A.1/3.8	Compressed air line breathing apparatus	Reg. X/3 HSC-Code 1994 + 2000, 7 EN 14593-1 (2005), EN 14593-2 (2005), EN 14594 (2005)	The use is not allowed on German flagged ships.						
A.1/3.9	Sprinkler systems equivalent to that Sprinkler systems components for accommodation spaces, service spaces and control stations equivalent to	Reg. II-2/7, Reg. II-2/9, Reg. II-2/10, FSS-Code, Chapt. 8, Res. A.800(19)							

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	that referred to in SOLAS 74 Reg. II-2/12 (limited to nozzles and their performance).								
A.1/3.10 ex A.2/3.11	Nozzles for fixed pressure water-spraying fire-extinguishing systems for machinery spaces and cargo pump-rooms	Reg. II-2/10., Reg. X/3, FSS-Code, Chapt. 7, HSC-Code 1994 + 2000, 7 MSC/Circ. 1165							
A.1/3.11	„A“ and „B“ Class divisions fire integrity	„A“ Class: Reg.II-2/3.2, „B“ Class: Reg.II-2/ 3.4, Reg.II-2/9, FTP-Code Ann. 1 Part 3 and Ann. 2, MSC/Circ. 1120							
A.1/3.12	Devices to prevent the passage of flame into the cargo tanks in oil tankers	Reg.II-2/4, II-2/16, MSC/Circ. 677 + 1009, EN 12874 (2001), ISO 15364 (2007)							
A.1/3.13	Non-combustible materials	Reg. II-2/3, II-2/5, II-2/9, X/3, HSC-Code 1994 + 2000, 7 FTP-Code Ann. 1, Part 1, MSC/Circ. 1120							
A.1/3.14	Materials other than steel for pipes penetrating „A“ or „B“ class divisions	Item included in A.1/3.26 and A.1/3.27							
A.1/3.15	Materials other than steel for pipes conveying oil or fuel oil	Reg. II-2/4, X/3 HSC-Code 1994 + 2000, 7 MSC/Circ. 1120 Res. A.753(18), ISO 15540 (1999) + Corr. 1 (1999), ISO 15541 (1999)							

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A.1/3.16	Fire doors	Reg. II-2/9 FTP-Code Ann. 1, Part 3 MSC/Circ. 1120 MSC.1/Circ. 1273							
A.1/3.17	Fire door control systems components	Reg. II-2/9, X/3 HSC-Code 1994 + 2000 7 FTP-Code, Ann. 1, Part 4							
A.1/3.18	Surface materials and floor coverings with low flame-spread characteristics	Reg. II-2/3.8, 34.3, 34.7, 49.1,49.2, X/3 or Reg. II-2/3, II-2/5, II-2/6, II-2/9, X/3 HSC-Code 1994 + 2000, 7 FTP-Code, Ann. 1, Parts 2 + 5 and Ann. 2, ISO 1716 (2002), MSC/Circ. 1120							
A.1/3.19	Draperies, curtains and other suspended textile materials and films	Reg. II-2/3, II-2/9, X/3, HSC-Code 1994 + 2000, 7 FTP-Code, Ann. 1, Part 7							
A.1/3.20	Upholstered furniture	Reg. II-2/3, II-2/5, II-2/9, X/3 HSC-Code 1994 + 2000, 7 FTP-Code, Ann. 1, Part 8 MSC/Circ. 1120							
A.1/3.21	Bedding components	Reg. II-2/3, II-2/9, X/3, HSC-Code 1994 + 2000, 7 FTP-Code, Ann. 1, Part 9, MSC/Circ. 1120							
A.1/3.22	Fire dampers	Reg. II-2/9, FTP-Code, Ann. 1, Part 3, MSC/Circ. 1120							
A.1/3.23	Non-combustible duct penetrations through „A“ class divisions	Item transferred to A.1/3.26							

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A.1/3.24	Electric cable transits through „A“ class divisions	Item transferred to A.1/3.26								
A.1/3.25	“A” and “B” class fireproof windows and side scuttles	Reg. II-2/9 MSC/Circ. 847 + 1120 FTP-Code, Ann. 1, Part 3, MSC.1/Circ. 1203								
A.1/3.26	Penetrations through “A” class divisions	Reg. II-2/9 MSC.1/Circ. 1276 FTP-Code, Ann. 1, Part 3, MSC/Circ. 1120								
A.1/3.27	Penetrations through ‘B’ class divisions by electric cables, pipes, trunks, ducts, ventilation terminals, lighting fixtures etc	Reg. II-2/9 FTP-Code, Ann. 1, Part 3, MSC/Circ. 1120								
A.1/3.28	Sprinkler systems (limited to sprinkler heads)	Reg. II-2/7, II-2/10, FSS-Code Ch. 8, ISO 6182-1 (2004) or EN 12259-1 (1999) + A 1 (2001), A2 (2004) and A3 (2006)								
A.1/3.29	Fire hoses	Reg. II-2/10, X/3 HSC-Code 1994 + 2000 7 EN 14540 (2004) + A.1 (2007)								
A.1/3.30	Portable oxygen analysis and gas detection equipment	Reg. II-2/4, VI/3, FSS-Code Ch. 15, EN 60945 (2002) IEC 60092-504 (2001) IEC 60533 (1999) EN 50104 (2002) + A.1 (2004), EN 60079-29-1 (2007) IEC 60079-0 (2004) IEC 60079-1 (2007) IEC 60079-10 (2002)								

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		IEC 60079-11 (2006) IEC 60079-15 (2005) IEC 60079-26 (2006)							
A.1/3.31	Nozzles for fixed sprinkler systems for high speed craft	Reg. X/3 HSC-Code 1994 + 2000, 7 MSC/Circ.912, Res. MSC.44(65)							
A.1/3.32	Fire restricting materials (except furniture) for high speed craft	Reg. X/3, HSC-Code 1994 + 2000, 7 FTP-Code, Ann. 1, Part 10							
A.1/3.33	Fire restricting materials for furniture for high speed craft	Reg. X/3, HSC-Code 1994 + 2000, 7 FTP-Code, Ann. 1, Part 10							
A.1/3.34	Fire resisting divisions for high speed craft	Reg. X/3, HSC-Code 1994 + 2000, 7 FTP-Code, Ann. 1, Part 11							
A.1/3.35	Fire doors on high speed craft	Reg. X/3, HSC-Code 1994 + 2000, 7 FTP-Code, Ann. 1, Part 11							
A.1/3.36	Fire dampers on high speed craft	Reg. X/3, HSC-Code 1994 + 2000, 7 MSC/Circ. 1120, FTP-Code, Ann. 1, Part 11							
A.1/3.37	Penetrations through fire resisting divisions on high speed craft	Reg. X/3, HSC-Code 1994 + 2000, 7 FTP-Code, Ann. 1, Part 11							
A.1/3.38	Portable fire- extinguishing equipment for lifeboats and rescue boats	Reg. III/4, III/34, X/3, HSC-Code 1994 + 2000, 8 LSA-Code I, IV, V, Res. A.951(23), EN 3-6 (1996) + A1(1999) EN 3-7 (2004) + A1(2007) EN 3-8 (2006) + AC(2007)							
A.1/3.39	Nozzles for equivalent water-	Reg. II-2/10, X/3, HSC-Code 1994 + 2000, 7							

1	2	3	4	5	6	7			
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 Body According to Directive 96/98/EC Amended by Directive 2010/68/EC</i>			
						Name of notified body	Identification number	Number of EC-Type-Examination Certificate	Documentation enclosed? yes / no
	mist fire extinguishing systems for machinery spaces and pump rooms	FSS-Code Ch. 7, MSC/Circ 1165							
A.1/3.40	Low-location lighting systems (components only)	Reg. II-2/13, FSS-Code Ch. 11 Res. A.752(18) or ISO 15370 (2001)							
A.1/3.41	Emergency escape breathing devices (EEBD)	Reg. II-2/13, FSS-Code Ch. 3, MSC/Circ. 849 EN 402 (2003), EN 1146 (2005), EN 13794 (2002), ISO 23269-1 (2008)							
A.1/3.42	Inert gas systems components	Reg. II-2/4, Res. A.567(14) FSS-Code Ch. 15 MSC/Circs. 353, 387, 450.Rev1, 485, 731, 1120							
A.1/3.43	Nozzles for deep fat cooking equipment fire extinguishing systems components (automatic or manual type)	Reg. II-2/1, II-10, X/3, HSC-Code 1994 + 2000, 7 ISO 15371 (2000)							
A.1/3.44	Firefighters outfit & lifeline	Reg. II-2/10, X/3 HSC-Code 1994 + 2000, 7 FSS-Code Ch. 3 FTP-Code, Ann. 1, Part 1							
A.1/3.45	Equivalent fixed gas fire extinguishing systems components for machinery spaces and cargo pump rooms	Reg. II-2/10, X/3, FSS-Code Ch. 5, HSC-Code 1994 + 2000, 7 MSC/Circ. 848, MSC.1/Circ. 1267							
A.1/3.46	Equivalent fixed gas fire extinguishing	Reg. II-2/10, X/3, FSS-Code Ch. 5,							

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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 Body According to Directive 96/98/EC Amended by Directive 2010/68/EC</i>			
						Name of notified body	Identification number	Number of EC-Type-Examination Certificate	Documentation enclosed? yes / no
	systems components for machinery spaces (aerosol systems)	HSC-Code 1994 + 2000, 7 MSC.1/Circ. 1270							
A.1/3.47	Concentrate for fixed high expansion foam fire extinguishing systems for machinery spaces and cargo pump rooms	Reg. II-2/10, FSS-Code Ch. 6, MSC.1/Circ. 1239, MSC/Circ. 670							
A.1/3.48	Fixed water based local application fire fighting systems components for use in category "A" machinery spaces.	Reg. II-2/10, X/3, HSC-Code 1994 + 2000, 7 MSC/Circ. 913, MSC.1/Circ. 1276							
A.1/3.49 ex A.2/3.2	Nozzles for fixed pressure water-spraying fire-extinguishing systems for special category spaces, ro-ro cargo spaces, ro-ro spaces and vehicle spaces	Reg. II-2/19, II-2/20, X/3, FSS-Code Ch. 7, HSC-Code 1994 + 2000, 7 MSC.1/Circ. 1272							
A.1/3.50	Protective clothing resistant to chemical attack	Moved to A.2/3.9							
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	Reg. II-2/7, Regel X/3, FSS-Code Ch. 9, HSC-Code 1994 + 2000, 7 MSC.1/Circ. 1242, EN 54-2 (1997) + AC(1999) und A1(2006), EN 54-4 (1997) + AC(1999), A1(2002) und A2(2006), EN 54-5 (2000) + A1(2002), EN 54-7 (2000) + A1(2002) und A2(2006),							

1	2	3	4	5	6	7			
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 Body According to Directive 96/98/EC Amended by Directive 2010/68/EC</i>			
						Name of notified body	Identification number	Number of EC-Type-Examination Certificate	Documentation enclosed? yes / no
		EN 54-10 (2002) + A1(2005), EN 54-11 (2001) + A1(2005), IEC 60092-504 (2001), IEC 60533 (1999)							
A.1/3.52	Non-portable and transportable fire extinguishers	Reg. II-2/10, X/3, FSS-Code Ch. 4, HSC-Code 1994 + 2000, 7 MSC.1/Circ. 1270, EN 1866 (1998), EN 1866-1 (2007) oder ISO 11601 (1999)							
A.1/3.53	Alarm devices	Reg. II-2/7, X/3, FSS-Code Ch. 9, HSC-Code 1994 + 2000, 7 EN 54-3 (2001) + A1(2002) und A2(2006), IEC 60092-504 (2001), IEC 60533 (1999).							
A.1/3.54	Fixed oxygen analysis and gas detection equipment	Reg. II-2/4, VI/3, FSS-Code Ch. 15, EN 60945 (2002), IEC 60092-504 (2001), IEC 60533 (1999), EN 50104 (2002) + A.1 2004, EN 60079-29-1 (2007)							
A.1/3.55 ex A.2/3.4	Dual-purpose type nozzles (spray/jet type)	Reg. II-2/7, X/3, HSC-Code 1994 + 2000, 7 EN 15182-1 (2007), EN 15182-3 (2007)							
A.1/3.56 ex A.2/3.14	Fire hoses (reel type)	Reg. II-2/10, X/3, HSC-Code 1994 + 2000, EN 671-1 (2001) + AC (2002)							
A.1/3.57 ex	Medium expansion foam fire	Reg. II-2/10, FSS-Code Ch. 14,							

1	2	3	4	5	6	7			
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 Body According to Directive 96/98/EC Amended by Directive 2010/68/EC</i>			
						Name of notified body	Identification number	Number of EC-Type-Examination Certificate	Documentation enclosed? yes / no
A.2/3.28	extinguishing systems components - fixed deck foam for tankers	MSC.1/Circ. 1239 + 1276, MSC/Circ. 798							
A.1/3.58 ex A.2/3.29	Fixed low expansion foam fire extinguishing systems components for machinery spaces and tanker deck protection	Reg. II-2/10, FSS-Code Ch. 6, 14, MSC.1/Circ. 1239 + 1276, MSC/Circ. 582 + Corr. 1							
A.1/3.59 ex A.2/3.30	Expansion foam for fixed fire extinguishing systems for chemical tankers	IBC Code, MSC/Circ. 553, 582, 799							
A.1/3.60 (new item)	Nozzles for fixed pressure water-spraying fire-extinguishing systems for cabin balconies	Reg. II-2/10, FSS-Code Ch. 7, MSC.1/Circ. 1268							
A.1/3.61 (new item)	Inside air high expansion foam systems for the protection of machinery spaces and cargo pump rooms	Reg. II-2/10, FSS-Code Ch. 6, MSC.1/Circ. 1271							
Additional equipment to be approved for seagoing German flagged ships (only See-BG approvals)									
1	Special extinguishing powder	IGC-Code Kap.11.4.1 Approval certificate issued							

Newbuilding No:

Ship yard:

Status : October 18th 2011

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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 Body According to Directive 96/98/EC Amended by Directive 2010/68/EC</i>			
						Name of notified body	Identifi- cation number	Number of EC-Type- Examination Certificate	Documen- tation enclosed? yes / no
		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 hazar- dous areas							

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