

標 題：

EC船用機器指令に基づく
適合評価業務について

NKテクニカル インフォメーション

No.： 423

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関係各位

EC船用機器指令に基づく材料・機器適合評価に関する本会の業務については、NKテクニカルインフォメーション No.346(平成12年1月17日付)にてご案内しておりますが、この度、EC船用機器指令が改正されたのに伴い、対象品目が変更されましたのでお知らせ致します。

NKテクニカルインフォメーション No. 346 は廃棄願います。

以 上

添付： 1. EC 船用機器指令補足説明
2. 申込書書式

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EC 船用機器指令補足説明

EC 船用機器指令(Council Directive 96/98/EC on marine equipment, as amended by Commission Directive 98/85/EC)は、現在、EU 加盟 15 カ国にノルウェー、アイスランドの 2 カ国を加えた 17 カ国(注 1)において実施されております。

本指令は同域内に船籍を置き、条約証書を有する船舶に搭載される同指令付属書 A に掲示された材料・機器を対象とし、対象材料・機器が 1999 年 1 月 1 日以降新たに搭載される場合（既設の対象材料・機器が取替えられる場合を含む）、本指令の要件を満足し、適合マーク(舵輪マーク)が貼付された製品であることを義務付けるものです。

弊会ロッテルダム事務所は、オランダ政府により同指令に定められる公認機関(notified body)として承認されており、EC 船用機器指令の付属書 A1 に掲げられる救命設備、海洋汚染防止設備及び防火設備について、同指令に基づく適合評価業務を実施しております。

今回、EC 船用機器指令の改正となる Commission Directive 2001/53/EC が 2001 年 7 月 28 日に公布され、2001 年 8 月 17 日に発効されました。主な改正内容は、対象材料・機器リスト及び試験基準の改訂です。

これらの材料・機器の改訂リストを選択可能な適合評価モジュールと共に表-a, -b, -c に示します。なお、今回変更された箇所については、網掛けで表示しております。また、同変更箇所で“new item”と記述されている機器・材料にあつては、2001 年 8 月 17 日前に既に製造され、かつ、適切な証明書を有する場合、2003 年 8 月 16 日までの間、一定条件の下で従来通り搭載が可能です。また、今回、試験基準が変更された機器・材料にあつて、従前の試験基準に従って評価されたものは、2001 年 8 月 17 日以降に船舶へ搭載することはできませんので、ご注意下さい。

該当する材料・機器に対して同指令による適合評価を希望される場合は、添付申込書に必要事項を記入の上、関連の書類と共に弊会本部又はロッテルダム事務所宛に提出願います。

注 1: Austria, Belgium, Denmark, Finland, France, Germany, Greece, The Netherlands, Iceland, Ireland, Italy, Luxembourg, Norway, Portugal, Spain, Sweden, United Kingdom

注 2:	モジュール B	:	EC 型式試験
	モジュール D	:	生産品質保証
	モジュール E	:	製品品質保証
	モジュール F	:	製品確認検査
	モジュール G	:	製品検査

表-a. 救命設備

No.	機 器 ・ 材 料 名	適合評価モジュール				試 験 基 準
		B+D	B+E	B+F	G	
1	Lifebuoys	X	X	X		IMO Resolution MSC.81 (70)
2	Position-indicating lights for life-saving appliances (a) For survival craft and rescue boats (b) For lifebuoys (c) For life jackets	X	X	X		IMO Resolution MSC.81 (70), and, for battery requirements, as specified in EN 394 (1993)
3	Lifebuoys self-activating smoke signals	X	X	X		IMO Resolution MSC.81 (70)
4	Life jackets	X	X	X		IMO Resolution MSC.81 (70), and, for battery requirements, as specified in EN 394 (1993)
5	Immersion suits and anti-exposure suits - insulated or not insulated	X	X	X		IMO Resolution MSC.81 (70)
6	Immersion suits and anti-exposure suits classified as life jackets	X	X	X		IMO Resolution MSC.81 (70)
7	Thermal protective aids	X	X	X		IMO Resolution MSC.81 (70)
8	Rocket parachute flares (pyrotechnics)	X		X		IMO Resolution MSC.81 (70)
9	Hand flares (pyrotechnics)	X		X		IMO Resolution MSC.81 (70)
10	Bouyant smoke signals (pyrotechnics)	X		X		IMO Resolution MSC.81 (70)
11	Line-throwing appliances (pyrotechnics)	X		X		IMO Resolution MSC.81 (70)
12	Inflatable life-rafts	X		X		IMO Resolution MSC.81 (70)
13	Rigid life-rafts	X				IMO Resolution MSC.81 (70)
14	Automatically self-righting life-rafts	X				IMO Resolution MSC.81 (70)
15	Canopied reversible life-rafts	X				IMO Resolution MSC.81 (70)
16	Float-free arrangements for life-rafts (hydrostatic release units)	X	X	X		IMO Resolution MSC.81 (70)
17	Lifeboats	X			X	IMO Resolution MSC.81 (70)
18	Rigid rescue boats	X			X	IMO Resolution MSC.81 (70)
19	Inflated rescue boats	X			X	IMO Resolution MSC.81 (70)
20	Fast rescue boats	X			X	IMO Resolution MSC.81 (70)
21	Launching appliances using fall and winch (davits)	X	X	X	X	IMO Resolution MSC.81 (70)
22	Float-free launching appliances for survival craft Deleted (Moved to A2 list)	X	X	X		
23	Launching appliances for free-fall lifeboats				X	IMO Resolution MSC.81 (70)
24	Life-raft launching appliances	X	X	X	X	IMO Resolution MSC.81 (70)
25	Fast rescue boat launching appliances	X	X	X		IMO Resolution MSC.81 (70)

No.	機 器 ・ 材 料 名	適合評価モジュール				試 験 基 準
		B+D	B+E	B+F	G	
26	Release mechanism for (a) Lifeboats and rescue boats and (b) Life-rafts Launched by a fall or falls	X	X	X		IMO Resolution MSC.81 (70)
27	Marine evacuation systems	X			X	IMO Resolution MSC.81 (70)
28	Means of rescue	X				IMO Resolution MSC.81 (70), MSC/Circ. 810
29	Embarkation ladders	X	X	X		IMO Resolution MSC.81 (70)
30	Retro-reflective materials	X	X	X		IMO Resolution A.658 (16), Annex 2
31	Survival craft two-way VHF radio telephone apparatus Deleted. (Moved to Radio-Communication Equipment)	X	X	X	X	
32	9GHz SAR transponder (SART) Deleted. (Moved to Navigation Equipment)	X	X	X	X	
33	Radar reflector for lifeboats and rescue boats	X	X	X	X	IMO Resolution A.384 (X), EN ISO 8729 (1998); IMO Resolution A.384 (X), ISO 8729 (1997)
34	Compass for lifeboats and rescue boats Deleted. (Moved to Navigation Equipment)	X	X	X	X	
35	Portable fire-extinguishing equipment for lifeboats and rescue boats Deleted. (Moved to Fire Protection)	X	X	X	X	
36	Lifeboat/rescue boat propulsion engine	X	X	X		IMO Resolution MSC.81 (70)
37	Rescue boat propulsion engine -outboard motor	X	X	X		IMO Resolution MSC.81 (70)
38	Searchlights for use in lifeboats and rescue boats "new item"	X	X	X		IMO Resolution MSC.81 (70)
39	Open reversible life-rafts "new item"	X				IMO Resolution MSC.36 (63), Annex 10 (1994 HSC Code)

表-b. 海洋汚染防止設備

No.	機 器 ・ 材 料 名	適合評価モジュール				試 験 基 準
		B+D	B+E	B+F	G	
1	Oil-filtering equipment (for an oil content of the effluent not exceeding 15 p.p.m.)	X	X	X		IMO Resolution MEPC 60 (33)
2	Oil/water interface detectors	X	X	X		IMO Resolution MEPC 5 (XIII)
3	Oil-content meters	X	X	X		IMO Resolution MEPC 60 (33)
4	Process units intended for attachment to existing oil-water separating equipment (for an oil content of the effluent not exceeding 15 p.p.m.) Deleted.	X	X	X		
5	Oil discharge monitoring and control system for an oil tanker	X	X	X		IMO Resolution A.586 (14)
6	Sewage treatment plants	X	X	X	X	IMO Resolution MEPC 2 (VI)
7	Shipboard incinerators	X	X	X	X	IMO Resolution MEPC 76 (40)

表-c. 防 火 設 備

No.	機 器 ・ 材 料 名	適合評価モジュール				試 験 基 準
		B+D	B+E	B+F	G	
1	Primary deck coverings	X				IMO Resolution MSC 61 (67), Annex 1, Parts 2 and 6, Annex 2
2	Portable fire extinguishers	X	X	X		EN 3-1 (1996), 3-2 (1996), 3-3 (1994), 3-4 (1996), 3-5 (1996) + AC (1997), 3-6 (1996) + AI (1999)
3	Fireman's outfit: protective clothing	X				EN 469 (1995), EN 531/A1 (1996), EN 1496 (1996), ISO 15538 (2001)
4	Fireman's outfit: boots	X				EN 344 (1992) + AC (1993) + AI (1997), EN 344-2 (1996), EN 345 (1992) + AI (1997), EN 345-2 (1996) Class 2, IEC 60903 (1993)
5	Fireman's outfit: gloves	X				EN 659 (1996), EN 60903 (1993), EN 60903 + A.11 (1997)
6	Fireman's outfit: helmet	X				EN 443 (1997)
7	Self-contained compressed-air-operated breathing apparatus	X				EN 137 (1998), EN 136 (1998)
8	Air-supplied breathing apparatus for use with a smoke helmet or smoke mask	X				EN 138 (1994)
9	Sprinkler systems equivalent to that referred to in SOLAS Regulation II-2/12	X			X	IMO Resolution A.800 (19)
10	Needles for fixed-pressure water-spraying fire-extinguishing systems for machinery spaces Deleted. (Moved to A2 list)	X	X	X		
11	"A" and "B", Class divisions, fire integrity	X	X	X		IMO Resolution A.754 (18), IMO Resolution MSC.61 (67), Annex 1, Part 3, and Annex 2 IMO MSC/Circ. 677
12	Devices to prevent the passage of flame into the cargo tanks in oil tankers	X	X	X		
13	Non-combustible materials used in "A", "B" and "C" class divisions	X	X	X		IMO Resolution A.799 (19), IMO Resolution MSC.61 (67), Annex 1, Part 1, and Annex 2
14	Materials other than steel for pipes penetrating "A" or "B" class divisions	X	X	X		IMO Resolution A.753 (18), IMO Resolution A.754 (18), IMO Resolution MSC 61 (67), Annex 1, Part 3
15	Materials other than steel for pipes conveying oil or fuel oil	X	X	X		IMO Resolution A.753 (18)
16	Fire doors	X	X	X		IMO Resolution A.754 (18), IMO Resolution MSC 61 (67), Annex 1, Part 3
17	Fire door control systems	X	X	X		IMO Resolution MSC 61(67), Annex 1, Part 4

No.	機 器 ・ 材 料 名	適合評価モジュール				試 験 基 準
		B+D	B+E	B+F	G	
18	Surface materials and floor coverings with low flame-spread characteristics	X	X	X		IMO Resolution A.653 (16), IMO Resolution MSC.61 (67), Annex 1, Parts 2 and 5, and Annex 2, ISO 1716 (1973)
19	Draperies, curtains and other suspended textile materials and films	X	X	X		IMO Resolution MSC.61 (67), Annex 1, Part 7
20	Upholstered furniture	X	X	X		IMO Resolution A.652 (16), IMO Resolution MSC.61 (67), Annex 1, Part 8
21	Bedding components	X	X	X		IMO Resolution A.688 (17), IMO Resolution MSC.36 (67), Annex 1, Part 9
22	Fire dampers	X	X	X		IMO Resolution A.754 (18), IMO Resolution MSC.61 (67), Annex 1, Part 3
23	Non-combustible-deck penetrations through "A" class divisions Deleted. (Re-categorized to No. 26)	X	X	X		
24	Electric-cable penetrations through "A" class divisions Deleted. (Re-categorized to No. 26)	X	X	X		
25	Windows and side scuttles	X	X	X		IMO Resolution A.754 (18), IMO Resolution MSC.61 (67), Annex 1, Part 3, ISO 614 (1989), ISO 1095 (1989), ISO 1751 (1993), ISO 3254 (1989), ISO 3903 (1993), ISO 3904 (1994)
26	Penetrations through 'A' class divisions by electric cables, pipes, trunks, ducts etc. "new item"	X	X	X		IMO Resolution A.754 (18), IMO Resolution MSC.61 (67), Annex 1, Part 3
27	Penetrations through 'B' class divisions by electric cables, pipes, trunks, ducts, ventilation terminals, lighting fixtures etc. "new item"	X	X	X		IMO Resolution A.754 (18), IMO Resolution MSC.61 (67), Annex 1, Part 3
28	Sprinkler systems (limited to sprinkler heads and to the method of automatic sprinkling and signalling) "new item"	X	X	X		ISO 6182-1 (1993), ISO 6182-2 (1993), ISO 6182-3 (1993), ISO 6182-4 (1993), ISO 6182-5 (1995)
29	Fire hoses "new item"	X	X	X		EN 671-2 (1994)
30	Oxygen analysis and gas detection equipment "new item"	X	X	X		EN 50104 (1999) Oxygen, EN 50054 (1991), EN 50057 (1999) Combustible gases
31	Fixed sprinkler systems for high speed craft "new item"	X	X	X	X	IMO Resolution MSC.44 (65), IMO Resolution A.800 (19)

No.	機 器 ・ 材 料 名	適合評価モジュール				試 験 基 準
		B+D	B+E	B+F	G	
32	Fire restricting materials (except furniture) for high speed craft "new item"	X	X	X		IMO Resolution MSC.40 (64), IMO Resolution MSC.90 (71)
33	Fire restricting materials for furniture for high speed craft "new item"	X	X	X		IMO Resolution MSC.40 (64), IMO Resolution MSC.90 (71)
34	Fire resisting divisions for high speed craft "new item"	X	X	X		IMO Resolution MSC.45 (65)
35	Fire doors on high speed craft "new item"	X	X	X		IMO Resolution MSC.45 (65)
36	Fire dampers on high speed craft "new item"	X	X	X		IMO Resolution MSC.45 (65)
37	Penetrations through fire resisting divisions on high speed craft by pipes, ducts, controls, electric cables etc. "new item"	X	X	X		IMO Resolution MSC.45 (65)
38	Portable fire-extinguishing equipment for lifeboats and rescue boats (Moved from Life-Saving Appliances)	X	X	X		EN 3-1 (1996), 3-2 (1996), 3-3 (1994), 3-4 (1996), 3-5 (1996) + AC (1997), 3-6 (1995) + AI (1999)
39	Alternative arrangements for halon fire extinguishing systems in machinery spaces and pump rooms - equivalent water based fire extinguishing systems "new item"	X	X	X		IMO MSC/Circ. 668, IMO MSC/Circ. 728

**APPLICATION FOR
THE EC TYPE-EXAMINATION AND OTHER CONFORMITY ASSESSMENTS
UNDER COUNCIL DIRECTIVE 96/98/EC ON MARINE EQUIPMENT, AS AMENDED**

To: Nippon Kaiji Kyokai - NK Rotterdam

Date:

We hereby apply for the EC type-examination and other Conformity assessments by Nippon Kaiji Kyokai - NK Rotterdam under the Council Directive 96/98/EC on Marine Equipment, as amended. In connection with this application, we declare that the same application has not been lodged simultaneously with any other notified body.

Product

Item name (as given in Annex A to the Directive) :

Type name (designated by the manufacturer) :

Manufacturer

Name :

Address :

Place of production

Name :

Address :

Module(s) chosen/intended to be chosen and type approval number

Module(s) chosen for the products : ☐ B+D ☐ B+E ☐ B+F ☐ G

Type approval number (Where the type has been approved.) :

Type of assessment and certification to be carried out

☐ Type-examination (module B)

☐ Initial ☐ Renewal ☐ For alteration

☐ Quality system assessment required for module ☐ D / ☐ E

☐ Initial ☐ Renewal ☐ Intermediate ☐ For alteration

☐ Product verification (module F)

☐ Unit verification (module G)

Further information is given in Annex to this application.

Applicant

Name :

Address :

Signature

Name :

Position :

Contact

Person's name :

Department's name :

Phone:

Fax:

For use by Nippon Kaiji Kyokai - NK Rotterdam

Accepted on:

Job number

ANNEX

Applied standards

Range of products (if any)

Limitations (if any)

Documentation

Void