

PARTE III CONSTRUCTION COMPONENTS

TITLE 61 HULL

SECTION 4 ACCOMODATION

CHAPTERS

A SCOPE

B TYPE APPROVED MATERIALS

CONTENTS

CONTENTS3
CHAPTER A5
SCOPE5
 A1. APPLICATION5
 100. Regulation.....5
 A2. DOCUMENTATION.....5
 100. Drawings to be submitted5
CHAPTER B6
TYPE APPROVED PRODUCTS.....6
 B1. APPROVAL OF MATERIALS6
 100. Approval of materials6
 B2. TEST PROCEDURES6
 100. Combustible materials6

**CHAPTER A
SCOPE**

CHAPTER CONTENTS

A1. APPLICATION

A2. DOCUMENTATION

A1. APPLICATION

100. Regulation

101. Applicable regulations according to the ship's Gross Tonnage:

- a. **For ships with GT < 500:** These requirements apply to the testing and approval procedures for materials used in the construction or repair of ships accommodations according to the requirements of NORMAM 05 or where these Rules require.
- b. **For ships with GT ≥ 500 GT:** These requirements apply to the testing and approval procedures for materials used in the construction or repair of ships accommodations according to the requirements of the International Convention for safety of Life at Sea (SOLAS), the Fire Test Procedures (FTP) Code, and/or national Regulations or where these Rules require.

Guidance

As specified in NORMAM 05, the International Regulations and Codes for the testing and approval of fire-fighting materials and equipment are also applicable to vessels having GT < 500.

End of guidance

102. The present Title 61 Section 4 has been developed based on and in accordance with the above regulations.

A2. DOCUMENTATION

100. Drawings to be submitted

101. The following documents should be part of the documentation to be submitted to the RBNA:

102. **Fire control plans (ships with GT ≥ 500):**

- a. Fire control plans shall be permanently exhibited for the guidance of the ship's officers, showing clearly for each deck:
- b. the control stations,

- c. the various fire sections enclosed by "A" class divisions,
 - d. the sections enclosed by "B" class divisions
 - e. fire detection and fire alarm systems,
 - f. the sprinkler installation,
 - g. the fire-extinguishing appliances,
 - h. Emergency Escape Breathing Devices (EEBD)
 - i. means of access to different compartments, decks, etc
 - j. the ventilating system including particulars of the fan control positions, the position of dampers and identification numbers of the ventilating fans serving each section
 - k. fire control plans are required to use the symbols from IMO Resolution A.654(16) as amended.
 - l. Alternatively, at the discretion of RBNA, the aforementioned details may be set out in a booklet, a copy of which shall be supplied to each officer, and one copy shall at all times be available on board in an accessible position.
 - m. Description in such plans and booklets shall be in the language or languages required by RBNA.
103. For all ships, specification of bulkheads and fire-retardant liners (class A, B, etc.);
104. For all ships, safety plan; and escape route.
- Note: depending on the size of the ship and the complexity of the systems, the plans described in A2.101 to A2.104 above may be grouped into one plan.

CHAPTER B
TYPE APPROVED PRODUCTS

CHAPTER CONTENT

B1. APPROVAL OF MATERIALS

B2. TEST PROCEDURES

B1. APPROVAL OF MATERIALS

100. Approval of materials

101. The following materials and/or products in general used for fire protection of the accommodation are to be type approved by RBNA, except for special cases for which the acceptance may be given for individual ships on the basis of suitable documentation or *ad hoc* tests:

- a. Fire-resisting and fire-retarding divisions (bulkheads or decks) and associated doors
- b. Upholstered furniture, excluding the frame
- c. Materials for pipes penetrating A or B class divisions (where they are not of steel or other equivalent material)
- d. Bulkhead or deck penetrations for electrical cables passing through A or B class divisions
- e. Materials with low flame spread characteristic including paints, varnishes and similar, when they are required to have such characteristic
- f. Non-combustible materials
- g. Textile and non-textile materials suspended vertically, for example curtains
- h. Non-readily igniting materials for primary deck coverings
- i. Bedding components

102. As regards the program for granting of type approval, the requirements of Part I, Title 01, Section 2, Chapter F apply.

103. RBNA may request type approval for other materials, equipment, systems or products required by the applicable provisions for ships or installations of special types.

104. Other materials not listed may be eventually used, provided they are approved by the RBNA, which, if applicable, shall establish the process for this approval. This also applies to materials for which there is the established practice or official control in countries where the material is produced, with a view to its implementation.

B2. TEST PROCEDURES

100. Combustible materials

101. Definitions of materials classes A, B., C, F: see Part II, Title 11, Section 3, Chapter E, Subchapter E3.

102. The materials listed in A1.200 above are to be tested according to the International Code for Application of Test Procedures - FTP.

103. Other materials / equipment for accommodation fire-fighting and fire protection are to be tested in accordance with the relevant requirements of the International Code for Application of Test Procedures - FTP.

Rgmm14en-PIIT61S4-ab-00