



# RUSSIAN MARITIME REGISTER OF SHIPPING

**CIRCULAR LETTER**

**No. 311-05-1925c**

dated 19.04.2023

Re:

amendments to the Rules for Technical Supervision during Construction of Ships and Manufacture of Materials and Products for Ships, 2023, ND No. 2-020101-175-E

Item(s) of supervision:

Ships in construction

Entry-into-force date:

**01.07.2023**

Cancels / amends / adds Circular Letter No.

dated

Number of pages: 1 + 3

Appendices:

Appendix 1: information on amendments introduced by the Circular Letter

Appendix 2: text of amendments to Section 4 "Fire Protection Materials, Structures and Products" of Part IV "Technical Supervision during Manufacture of Products"

Director General

Sergey A. Kulikov

Text of CL:

We hereby inform that the Rules for Technical Supervision during Construction of Ships and Manufacture of Materials and Products for Ships in connection with introduction of IACS Unified Interpretations FTP4 (Rev.2 Nov 2022), FTP5 (Corr.1 Sep 2022), SC 217 (Corr.2 Aug 2022), SC218 (Rev.1 July 2022) and SC219 (Rev.1 July 2022) , as well as IMO circulars MSC.1/Circ.1315/Rev.1 and MSC.1/Circ.1387/Corr.1 shall be amended as specified in the Appendices to the Circular Letter.

It is necessary to do the following:

1. Bring the content of the Circular Letter to the notice of the RS surveyors, interested organizations and persons in the area of the RS Branch Offices' activity.
2. Apply the provisions of this Circular Letter during review and approval of technical documentation for the ships contracted for construction or conversion on or after 01.07.2023, and in the absence of a contract, during review and approval of the technical documentation on ships requested for review on or after 01.07.2023.

List of the amended and/or introduced paras/chapters/sections:

Paras 4.2.7.2.1 and 4.2.7.2.4; Table 4.3.6

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**Information on amendments introduced by the Circular Letter  
(for inclusion in the Revision History to the RS Publication)**

| Nos. | Amended<br>paras/chapters/<br>sections | Information on amendments   | Number<br>and date of the<br>Circular Letter | Entry-into-force<br>date |
|------|--|---|--|--------------------------|
| 1    | Para 4.2.7.2.1                         | The list of data that shall be contained by the Type Approval Certificate/Type Approval Certificate for Fire-Proof-Division for materials, structures and products of constructive fire protection has been specified in connection with the introduction of IACS UI FTP5 (Corr.1 Sep 2022)   | 311-05-1925c<br>of 19.04.2023                | 01.07.2023               |
| 2    | Пункт 4.2.7.2.4                        | Requirements for Type Approval of the tanker windows have been specified in connection with the introduction of IACS UI FTP4 (Rev.2 Nov 2022)   | 311-05-1925c<br>of 19.04.2023                | 01.07.2023               |
| 3    | Table 4.3.6                            | <p>In item 3 the requirements for type approval of fixed water-spraying systems and water mist fire-fighting systems in connection with introduction of IACS UI SC218 (Rev.1 July 2022) and SC219 (Rev.1 July 2022).</p> <p>In item 5 the requirements for type approval of fixed local application fire-fighting systems for use in machinery spaces have been specified in connection with introduction of IMO Circular MSC.1/Circ.1387/Corr.1 and IACS UI MSC 217 (Corr.2 Aug 2022).</p> <p>In item 10 the requirements for type approval of fixed dry chemical powder fire-extinguishing systems for the protection of on-deck cargo areas of ships carrying liquefied gases in bulk have been introduced in connection with introduction of IMO Circular MSC.1/Circ.1315/Rev.1</p> | 311-05-1925c<br>of 19.04.2023                | 01.07.2023               |

**RULES FOR TECHNICAL SUPERVISION DURING CONSTRUCTION  
OF SHIPS AND MANUFACTURE OF MATERIALS  
AND PRODUCTS FOR SHIPS, 2023,**

**ND No. 2-020101-175-E**

**PART IV. TECHNICAL SUPERVISION DURING MANUFACTURE OF PRODUCTS**

**4 FIRE PROTECTION MATERIALS, STRUCTURES AND PRODUCTS**

1 **Para 4.2.7.2.1** is replaced by the following text:

"**2.1** for fire-proof divisions the following shall be clearly indicated:

- .1** type, thickness, density and number of layers of insulation material;
- .2** size, types, materials and fixing methods of pins and washers;
- .3** spacing between pins;
- .4** maximum spacing between pins and adjacent joints;
- .5** stepping of joints for multi-layers if applicable;
- .6** insulation and pinning details on and around stiffeners;
- .7** details of wire mesh, aluminium tape etc., if used in the test;
- .8** drawing number of the test sample;"

2 **Para 4.2.7.2.4** is replaced by the following text:

"**2.4** Type Approval Certificate for Fire-Proof-Division for windows shall state which side of the bulkhead which includes window was exposed to the fire/heating condition during the test (during the test of the tanker windows the bulkhead isolation shall be located on the side with stiffeners, opposite to fire action), and also the Certificate shall include a reference to optional tests such as hose test and/or thermo radiation test;"

3 **Table 4.3.6. Item 3** is replaced by the following text:

|          |  |   |
|----------|--|---|
| <b>3</b> | Pressure water-spraying systems and water mist fire-fighting systems | Revised Guidelines for the Approval of Fixed Water-Based Fire-Fighting Systems for Ro-Ro Spaces and Special Category Spaces (MSC.1/Circ.1430/Rev.2); the Revised Guidelines for the Approval of Equivalent Water-Based Fire-Extinguishing Systems for Machinery Spaces and Cargo Pump-Rooms (MSC/Circ.1165, as amended by MSC.1/Circ.1237, MSC.1/Circ.1269 (considering IACS UI SC218 (Rev.1 July 2022) and SC219 (Rev.1 July 2022)), MSC.1/Circ.1385 and MSC.1/Circ.1386); Guidelines for the Approval of Fixed Pressure Water-Spraying and Water-Based Fire-Extinguishing Systems for Cabin Balconies (MSC.1/Circ.1268) |
|----------|--|---|

**Item 5** is replaced by the following text:

|          |   |   |
|----------|---|---|
| <b>5</b> | Fixed local application fire-fighting systems | Revised Guidelines for the Approval of Fixed Water-Based Local Application Fire-Fighting Systems for Use in Category A Machinery Spaces (IMO Circular MSC.1/Circ.1387 considering IMO Circular MSC.1/Circ.1387/Corr.1 as amended and IACS UI SC217 (Corr.2 Aug 2022)) |
|----------|---|---|

**New item 10** is introduced reading as follows:

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|    |                                   |  |
|----|-----------------------------------|--|
| 10 | Powder fire-extinguishing systems | Revised Guidelines for the approval of fixed dry chemical powder fire-extinguishing systems for the protection of on-deck cargo areas of ships carrying liquefied gases in bulk (IMO Circular MSC.1/Circ.1315/Rev.1) |
|----|-----------------------------------|--|

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