



# RUSSIAN MARITIME REGISTER OF SHIPPING

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**CIRCULAR LETTER**

**No. 315-22-1690c**

dated 30.01.2022

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Re:

amendments to the Rules for Technical Supervision during Construction of Ships and Manufacture of Materials and Products for Ships, 2022, ND No. 2-020101-156-E

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Item(s) of supervision:

Electrical equipment

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Entry-into-force date:

01.04.2022

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~~Cancels / amends / adds Circular Letter No.~~

~~dated~~

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Number of pages: 1+2

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Appendices:

Appendix 1: information on amendments introduced by the Circular Letter

Appendix 2: text of amendments to Section 10 of Part IV "Technical Supervision during Manufacture of Products"

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Director General

Konstantin G. Palnikov

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Text of CL:

We hereby inform that the Rules for Technical Supervision during Construction of Ships and Manufacture of Materials and Products for Ships shall be amended as specified in the Appendices to the Circular Letter.

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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 the Circular Letter during review and approval of the technical documentation on products as well as when performing technical supervision during manufacture of products requested for manufacture on or after 01.04.2022.
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List of the amended and/or introduced paras/chapters/sections:

Part IV: paras 10.7.5.4.6 and 10.7.5.8

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

Nos.	Amended paras/chapters/sections	Information on amendments	Number and date of the Circular Letter	Entry-into-force date
1	Para 10.7.5.4.6	New para specifying the requirements for the products to be tested has been introduced	315-22-1690c of 30.01.2022	01.04.2022
2	Para 10.7.5.8	New para specifying the requirements for the products to be tested has been introduced	315-22-1690c of 30.01.2022	01.04.2022

**RULES FOR TECHNICAL SUPERVISION DURING CONSTRUCTION OF SHIPS  
AND MANUFACTURE OF MATERIALS AND PRODUCTS FOR SHIPS, 2022,**

**ND No. 2-020101-156-E**

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

**10 ELECTRICAL EQUIPMENT**

1 **Para 10.7.5.4** is replaced by the following text:

**"10.7.5.4** The test of switchgear for electrodynamical and thermal strength at a short-circuit current shall be carried out with due regard for the following conditions:

.1 three-phase current switchboards may be tested by a single-phase short-circuit current provided it is alternately conducted in each two adjacent phases of a power circuit. In such cases, the maximum value of a shock short-circuit current is reduced by 7 % as compared with the amplitude value of the limiting short-circuit current specified in the switchboard technical documentation;

.2 switchgear power circuits are subject to testing. The scheme of tests shall be approved by the Register as part of the test program and procedure;

.3 prior to the beginning of tests for electrodynamical strength, distances between current carrying parts in a number of cross-sections mostly potential for deformations shall be measured. These distances shall be checked each time after switching on a shock current;

.4 if the electrodynamical strength of apparatus is below the rated strength of switchboard busbars, such apparatus may be shunted or replaced by jumpers of which the locations shall be specified in the test scheme;

.5 tests of apparatus shall be carried out according to the requirements of 10.7.6.3 to 10.7.6.5.

.6 the test of switchgear for electrodynamical and thermal strength at a short-circuit current can be carried out according to the national and international standards."

2 **New Para 10.7.5.8** is introduced reading as follows:

**"10.7.5.8** During survey of distribution and control switchboards assembled of components that have documents confirming technical supervision in accordance with the RS Nomenclature, tests can be carried out to an extent of a serial specimen. If the components have the ACS Type Approval Certificate, then it is necessary to be guided by 2.16, Part I "General Regulations for Technical Supervision"."