



# RUSSIAN MARITIME REGISTER OF SHIPPING

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**CIRCULAR LETTER**

**No. 314-01-1379c**

dated 15.04.2020

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Re:

amendments to the Rules for Technical Supervision during Construction of Ships and Manufacture of Materials and Products for Ships, 2020, ND No. 2-020101-130-E

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Item(s) of supervision:

materials and welding

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Entry-into-force date:

**01.06.2020**

Valid till:-

Validity period extended till: -

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Cancels / amends / adds Circular Letter No. -

dated -

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Number of pages:

1+6

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Appendices:

Appendix 1: information on amendments introduced by the Circular Letter

Appendix 2: text of amendments to Part III "Technical Supervision during Manufacture of Materials"

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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, as well as interested organizations and persons in the area of the RS Branch Offices' activity.
  2. Apply the provisions of the Circular Letter to products installed on ships contracted for construction on or after 01.06.2020.
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List of the amended and/or introduced paras/chapters/sections:

Part III: paras 1.2.1, 1.3.1, 1.3.2, 2.1.1.1, 2.2.5.3.4.6, 2.4.1.5, 3.1.1.2.2, 3.1.1.2.4, 3.1.1.2.5, 3.1.1.3, 3.1.3.5, 3.2.3.2, 3.2.7.2.5.1, 3.5.3, 3.5.11.1.1, 3.5.11.3, 3.6.1, 5.2.1.5 and 5.3.3.1.2

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"Thesis" System No. 20-72083

**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 1.2.1	List of definitions has been specified considering the provisions of Part I "General Regulations for Technical Supervision"	314-01-1379c of 15.04.2020	01.06.2020
2	Para 1.3.1	Additional requirements for performing RS technical supervision have been specified considering the provisions of Part I "General Regulations for Technical Supervision"	314-01-1379c of 15.04.2020	01.06.2020
3	Para 1.3.2	Para has been deleted considering the provisions of Part I "General Regulations for Technical Supervision"	314-01-1379c of 15.04.2020	01.06.2020
4	Para 2.1.1.1	Requirements for firms when issuing the Recognition Certificate for Manufacturer have been specified, a reference to Part I "General Regulations for Technical Supervision" has been specified	314-01-1379c of 15.04.2020	01.06.2020
5	Para 2.2.5.3.4.6	Requirements for the RS Certificate have been specified considering the provisions of Part I "General Regulations for Technical Supervision"	314-01-1379c of 15.04.2020	01.06.2020
6	Para 2.4.1.5	Para has been deleted considering the provisions of Part I "General Regulations for Technical Supervision"	314-01-1379c of 15.04.2020	01.06.2020
7	Para 3.1.1.2.2	A reference to Part I "General Regulations for Technical Supervision" has been specified	314-01-1379c of 15.04.2020	01.06.2020
8	Para 3.1.1.2.4	A reference to Part I "General Regulations for Technical Supervision" has been specified	314-01-1379c of 15.04.2020	01.06.2020

Nos.	Amended paras/chapters/sections	Information on amendments	Number and date of the Circular Letter	Entry-into-force date
9	Para 3.1.1.2.5	Requirements for approval procedure have been specified considering the provisions of Part I "General Regulations for Technical Supervision"	314-01-1379c of 15.04.2020	01.06.2020
10	Para 3.1.1.3	Para has been deleted considering the provisions of Part I "General Regulations for Technical Supervision"	314-01-1379c of 15.04.2020	01.06.2020
11	Para 3.1.3.5	Requirements for RS Certificates have been specified considering the provisions of Part I "General Regulations for Technical Supervision"	314-01-1379c of 15.04.2020	01.06.2020
12	Para 3.2.3.2	Requirements for RS Certificate have been specified considering the provisions of Part I "General Regulations for Technical Supervision"	314-01-1379c of 15.04.2020	01.06.2020
13	Para 3.2.7.2.5.1	A reference to Part I "General Regulations for Technical Supervision" has been specified	314-01-1379c of 15.04.2020	01.06.2020
14	Para 3.5.3	Requirements for data on corrosion protection have been specified	314-01-1379c of 15.04.2020	01.06.2020
15	Para 3.5.11.1.1	Requirements for RS Certificate have been specified considering the provisions of Part I "General Regulations for Technical Supervision"	314-01-1379c of 15.04.2020	01.06.2020
16	Para 3.5.11.3	A reference to Part I "General Regulations for Technical Supervision" has been specified	314-01-1379c of 15.04.2020	01.06.2020
17	Para 3.6.1	A reference to Part I "General Regulations for Technical Supervision" has been specified	314-01-1379c of 15.04.2020	01.06.2020
18	Para 5.2.1.5	Requirements for issuing the RS Certificate have been specified	314-01-1379c of 15.04.2020	01.06.2020
19	Para 5.3.3.1.2	Requirements for the manufacturer's certificate have been specified	314-01-1379c of 15.04.2020	01.06.2020

## **RULES FOR TECHNICAL SUPERVISION DURING CONSTRUCTION OF SHIPS AND MANUFACTURE OF MATERIALS AND PRODUCTS FOR SHIPS, 2020**

### **ND No. 2-020101-130-E**

#### **PART III. TECHNICAL SUPERVISION DURING MANUFACTURE OF MATERIALS**

##### **1 GENERAL**

1 **Para 1.2.1.** The following definitions are deleted from the list of definitions: "Register's brand", "Specimen", "Batch", "Initial tests", "Semi-finished product", "Semi-finished product", "Sample", "Acceptance tests" and "Manufacturer Certificate (Certificate of Quality)".

2 **Para 1.3.1** is replaced by the following text:

**"1.3.1** Technical supervision is carried out on the basis of the RS issued rules and is aimed at determining whether materials and products intended for construction and repair of ships and their equipment meet the rules and additional requirements if specially stated.

The additional requirements include the potential requirements of the Register in the course of technical supervision to obtain some additional data on product quality (change of tests scope and procedures, sampling locations, specimen dimensions, etc.).

Recognition Certificate for Manufacturer is the document certifying the manufacturer as the one recognized by the Register to produce materials meeting the RS rules requirements.

The above document confirms the conformity of the supplied product and the conditions of its manufacturing with the requirements of the RS rules, and verifies the fact of listing the manufacturer in the Register issued List of Approved Materials and Recognized Manufacturers.

The documents confirming the conformity of the material supplied with the rules requirements, and containing the data to identify the supplied product include:

Certificate of Conformity (refer to 1.1.1 and 3.3, Part I "General Regulations for Technical Supervision");

Manufacturer's certificate.

Technical supervision by the Register at the material manufacturers' does not replace the activity of technical control bodies functioning therein branch office.

Firms (manufacturers) can directly address to the Register higher regarding any controversial matters emerging during technical supervision. The RHO decision is considered final.

Interpretation of the provisions in this Part is within the Register competence only."

3 **Para 1.3.2** is deleted.

##### **2 METALS**

4 **Para 2.1.1.1** is replaced by the following text:

**"2.1.1.1** Application.

The Recognition Certificate for Manufacturer is issued to manufacturers producing materials, being the items of the Register technical supervision in accordance with the Nomenclature of Items of the Register Technical Supervision (refer to Appendix 1 to Part I "General Regulations for Technical Supervision").

To get the Recognition Certificate for Manufacturer, the manufacturer shall be recognized by the Register in compliance with the requirements of Section 11, Part I "General Regulations for Technical Supervision" and 2.1 of this Part."

5 **Para 2.2.5.3.4.6.** The last paragraph is replaced by the following text:

"At the manufacturer's having the Recognition Certificate for Manufacturer during manufacturing process it is allowed upon agreement with the Register to submit, as a new batch, the pipes rejected due to the mechanical characteristics, grain size, intergranular corrosion resistance, provided they are repeatedly heat treated."

6 **Para 2.4.1.5** is deleted.

### 3 NON-METALLIC MATERIALS

7 **Para 3.1.1.2.2** is replaced by the following text:

"**3.1.1.2.2** The survey of the coating manufacturer for compliance with Section 8, Part I "General Regulations for Technical Supervision"."

8 **Para 3.1.1.2.4** is replaced by the following text:

"**3.1.1.2.4** Issuance of the Certificate for the coating with the positive survey results (refer to Section 5, Part I "General Regulations for Technical Supervision")."

9 **Para 3.1.1.2.5** is replaced by the following text:

"**3.1.1.2.5** When the products are manufactured under the same name (trade mark) at different subsidiaries of the manufacturer (locations, facilities), each subsidiary of the manufacturer shall be certified (3.1.1.2.2) and check tests of the announced manufactured products shall be performed (3.1.1.2.3). The results of the qualification tests performed for one trade mark of the products at one of the subsidiaries of the manufacturer may apply to the similar products of other subsidiary of the same manufacturer (refer to special requirements of 3.2.7.2.5.17 and 3.3.7.2.4.1)."

10 **Para 3.1.1.3** is deleted.

11 **Para 3.1.3.5** is replaced by the following text:

"**3.1.3.5** Issuance of RS Certificates.

The Certificate for the anti-fouling coating shall contain the following technical parameters: type of anti-fouling system, colour(s) and active ingredient(s) and its(their) number(s) by the database "Chemical Abstract Service" (CAS number(s)) (refer to 3.1.3.1). The following entry shall be made in the Certificate: "This approval does not cover other coating properties, such as anti-fouling performance, service life, corrosion protection, health, etc."."

12 **Para 3.2.3.2** is replaced by the following text:

"**3.2.3.2** To facilitate the review, the following documents from CTF shall be available: coating specification including selection of areas (spaces) to be coated, selection of coating system, surface preparation and coating process; RS Certificate for the coating system."

13 **Para 3.2.7.2.5.1** is replaced by the following text:

"**3.2.7.2.5.1** The coating/shop primer manufacturer shall meet the requirements specified in Section 8, Part I "General Regulations for Technical Supervision" and in 3.2.7.2.5.2 – 3.2.7.2.5.16, which shall be verified by the Register."

14 **Para 3.5.3** is replaced by the following text:

**3.5.3** The documentation being submitted for approval, which defines the coating properties, composition and characteristics, shall also contain the following data:  
type of a coating system (epoxy and epoxy with the minimum solvent content);  
coating colour;  
data on incompatibility with cathodic protection;  
reports on coating testing according to 2.5 and complying with 6.5.3, Part XIII "Materials" of the Rules for the Classification and Construction of Sea-Going Ships conducted in the RS-recognized laboratories or in the laboratories with the attendance of the RS surveyor according to the agreed test program;  
description of the application process of ice resistant coatings (refer to 3.5.4);  
manufacturer's recommendations on repair of coating in service."

15 **Para 3.5.11.1.1** is replaced by the following text:

".1 the availability of RS Certificate for ice resistant coating complying with the requirements of 3.5.1;".

16 **Para 3.5.11.3** is replaced by the following text:

**3.5.11.3** The educational organization conducting the training courses for the coating inspectors responsible for inspection of ice resistant coatings application as per 3.5.11.2, shall perform its activity based on the RS Certificate of Firm Conformity (CCП) coded 22017020 – Training and examination of coating inspectors. The organization shall meet the requirements specified in Section 8 and special requirements of 12.3, Part I "General Regulations for Technical Supervision".

17 **Para 3.6.1.** The last paragraph is replaced by the following text:

"The firms shall meet the requirements of Section 8, Part I "General Regulations for Technical Supervision". During the survey of the firm in attendance of the RS surveyor, the check tests of the batch of products shall be carried out in accordance with the standard procedure of the manufacturer given in the firm documents."

## **5 WELDING CONSUMABLES. QUALITY REQUIREMENTS FOR MANUFACTURE, TESTING AND APPROVAL PROCEDURE**

18 **Para 5.2.1.5** is replaced by the following text:

**5.2.1.5** Issue of Certificates.

**5.2.1.5.1** The Certificate of Approval for Welding Consumables with Annex (forms 6.5.33 and 6.5.33.1, respectively) or C (form 6.5.30) unless stipulated otherwise, is issued by the RS Branch Office which performed the survey of the firm (manufacturer) and technical supervision during testing of the welding consumables.

**5.2.1.5.2** The Certificate of Approval for Welding Consumables is issued on the basis of the Report on Survey (form 6.3.18) recording the results of the inspections of the production process in compliance with the requirements of 5.2.2 – 5.2.5, as well as of testing of welding consumables within the scope of requirements of 4.2 – 4.8, Part XIV "Welding" of the Rules for the Classification and Construction of Sea-Going Ships taking into consideration the instructions of 5.4. Where necessary, the list of protocols and documents agreed with the Register shall be included in the Annex to the Report.

**5.2.1.5.3** C is issued on the basis of testing of welding consumables within the scope of requirements of 4.2 – 4.8, Part XIV "Welding" of the Rules for the Classification and Construction of Sea-Going Ships taking into consideration the instructions of 5.4 and manufacturer's certificate (M), Where necessary, the list of protocols and documents agreed with the Register shall be included in the manufacturer's certificate."

19     **Para 5.3.3.1.2** is replaced by the following text:

**5.3.3.1.2** By agreement between the parties, every batch of welding consumables may be provided with the manufacturer certificate of quality which, based on the inspections and tests performed, confirms the product compliance with the technical requirements for terms of supply. The content of the manufacturer's certificate shall at least comply with the requirements of 5.4, Part I "General Regulations for Technical Supervision".