



# RUSSIAN MARITIME REGISTER OF SHIPPING

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**CIRCULAR LETTER**

**No. 381-26-1189c**

dated 04.02.2019

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Re:

amendments to the Rules for Technical Supervision during Construction of Ships and Manufacture of Materials and Products for Ships, 2018, ND No. 2-020101-040-E

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Item(s) of supervision:

material, product, activities, ship

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Implementation:

**from the date of publication**

Valid till:

**01.07.2019**

Validity period extended till: -

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~~Cancels~~ / Amends / Supplements Circular Letter No.

**381-08-  
1143c**

dated **20.06.2018**

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Number of pages:

1+4

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Appendix(-ces):

text of amendments to Part I "General Regulations for Technical Supervision"

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Director General

Konstantin G. Palnikov

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Text of CL:

We hereby inform that based on the proposals received to SRPAA RS ND, the Rules for Technical Supervision during Construction of Ships and Manufacture of Materials and Products for Ships shall be amended as specified in the Appendix to the Circular Letter. The amendments will be introduced into the Rules at their re-publication.

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It is necessary to do the following:

1. Familiarize the surveyors of the RS Branch Offices with the content of the Circular Letter.
  2. Apply provisions of the Circular Letter.
  3. Clarify the content of the Circular Letter to all interested parties in the area of the RS Branch Offices' activity.
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List of amended and introduced paras/chapters/sections (to specify in the List of Circular Letters (form 8.3.36)):

Part I: paras 6.5.2, 10.2.5; Appendix 1;

Part VI: paras 1.6.3, 5.14.7, Table 17.3.1.1, paras 17.3.1.9, 17.3.15.1, 17.3.16 – 17.3.20

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"Thesis" System No.

19-14698 dated 23.01.2019

**RULES FOR TECHNICAL SUPERVISION DURING CONSTRUCTION OF SHIPS AND  
MANUFACTURE OF MATERIALS AND PRODUCTS FOR SHIPS, 2018  
ND No. 2-020101-040-E**

**PART I. GENERAL REGULATIONS FOR TECHNICAL SUPERVISION**

**6 APPROVAL OF TYPE MATERIALS, PRODUCTS, PRODUCTION PROCESSES  
AND SOFTWARE**

**Para 6.5.2** shall be amended to read:

**“6.5.2** After the expiry of validity, the Type Approval Certificate (CTO) is renewed on request of the manufacturer. Type Approval Certificate may be renewed based on documentation review without inspections and tests, provided that:

- .1 the request shall be submitted 2 months prior to the Type Approval Certificate expiry;
- .2 the manufacturer confirms constancy of design, software and earlier specified technical characteristics of material or product, or that changes in design do not result in the change of work process, loads on the product components, resource or other significant parameters of the product operation;
- .3 unless otherwise stated in applicable sections of the Rules.

The Register reserves the right to require the applicable inspections and tests to be carried out.”

**10 RECOGNITION OF MANUFACTURERS**

**Chapter 10.2** shall be supplemented by **para 10.2.5** reading as follows:

**“10.2.5 Quality management system.**

**10.2.5.1** The firm shall have the documented quality management system covering at least the following:

- .1 the Code of Ethics to conduct the relevant activity;
- .2 maintenance of equipment;
- .3 measurement assurance, checking (calibration) of measuring equipment;
- .4 training programmes for operators/technicians/inspectors;
- .5 supervision and verification to ensure compliance with operational procedures;

- .6 recording and reporting of information;
- .7 quality management of subsidiaries, agents and subcontractors;
- .8 job preparation;
- .9 corrective and preventive actions related to complaints;
- .10 periodic review of work process procedures, complaints, corrective actions, and issuance, maintenance and control of documents.”

## APPENDIX 1. NOMENCLATURE OF ITEMS OF THE REGISTER TECHNICAL SUPERVISION

**Codes 09010000, 09010016, 09080200, 09080201, 09080202.** In column 4 the superscript “\*” shall be deleted.

**Code 19090000MK** shall be amended to read:

<b>19090000MK</b>	Sewage treatment plants (IMO resolution MEPC.227(64))	P	CTO, COTO	C3	-	P	P	P
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**Code 19170100MK** shall be amended to read:

<b>19170100MK</b>	Exhaust gas cleaning (EGC) unit to reduce SO <sub>x</sub> emission (IMO resolution MEPC.259(68), survey under Scheme A)	P	CTO, SECC	C3	-	P	P	P
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**New code 19170102MK** shall be introduced reading as follows:

<b>19170102MK</b>	Exhaust gas cleaning (EGC) unit to reduce SO <sub>x</sub> emission (IMO resolution MEPC.259(68), survey under Scheme B)	P	-	W	-	P	P	P
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## PART IV. TECHNICAL SUPERVISION DURING MANUFACTURE OF PRODUCTS

### 1 GENERAL

**Para 1.6.3** shall be amended to read:

“**1.6.3** If the mandatory drawing up of Type Approval Certificate is specified in column 4 of the

RS Nomenclature, the technical supervision of the prototype of such product is carried out by the RHO or RS Branch Office.”

### 5 MACHINERY

**New para 5.14.7** shall be introduced:

**“5.14.7** When NO<sub>x</sub> reducing devices are used as a component of marine diesel engine and/or NO<sub>x</sub> exhaust gas monitoring system, the technical supervision of systems shall be carried out in accordance with Section 17.”

## **17 EQUIPMENT FOR THE PREVENTION OF POLLUTION FROM SHIPS**

**Table 17.3.1.1.** In column **“Items of technical supervision”** the title of **item 5.2** shall be amended to read:

“NO<sub>x</sub> reducing devices as a component of marine diesel engine”;

**new item 5.3** shall be introduced reading as follows:

“NO<sub>x</sub> exhaust gas monitoring system (NO<sub>x</sub> Technical Code)”,

in the next columns the sign "+" shall be entered except for columns “Check of welding operations” and “Hydraulic tests”;

**new item 5.4** shall be introduced reading as follows:

“Continuous SO<sub>x</sub> emission monitoring system (IMO resolution MEPC.259(68)),

in the next columns the sign "+" shall be entered, except for columns “Check of welding operations” and “Hydraulic tests”;

**existing item 5.3** shall be renumbered as item 5.5.

In **para 17.3.1.9** the reference to 5.3 shall be replaced by the reference to 5.3 — 5.5.

In **para 17.3.15.1** the words “(refer to IMO resolution MEPC.259(68))” shall be replaced by the words:

“(refer to IMO resolutions MEPC.259(68), MEPC.291(71), as applicable)”.

**New para 17.3.16** shall be introduced reading as follows:

**“17.3.16 NO<sub>x</sub> exhaust gas monitoring system (NO<sub>x</sub> Technical Code).**

**17.3.16.1** Prior to commencement of technical supervision, the following documentation shall be submitted for approval:

.1 installation, operation and maintenance manual which includes at least the following:

functional description specifying the technical parameters, used measuring instruments and sensors, operating conditions, recommendations for installation and connection to ship systems, failure mode description, calibration requirements, recommendations for maintenance, functional process diagram of sampling and measurement with indication of all instruments and control devices and units;

.2 test program.

**17.3.16.2** During survey of the system, the provisions of NO<sub>x</sub> Technical Code shall be followed, the test program shall include:

.1 test of enclosure protection according to 10.5.5;

.2 check for functioning and proper performance within the scope given in 12.4.1.2;

.3 test for deviation of power supply from rated values according to 3.3 of Appendix 1 to Section 12;

.4 measurement of insulation resistance of automation equipment being a part of a system according to 3.1 of Appendix 1 to Section 12;

.5 check of resistance to external electromagnetic interference within the scope given in 3.4.2 of Appendix 1 to Section 12.”

**New para 17.3.17** shall be introduced reading as follows:

**«17.3.17 Continuous SO<sub>x</sub> emission monitoring system (IMO resolution MEPC.259(68)).**

**17.3.17.1** Prior to commencement of technical supervision of system, documentation specified in 17.3.16.1 shall be submitted for approval.

**17.3.17.2** During the survey of the system, the applicable provisions of IMO resolution MEPC.259(68) shall be followed, the test program shall include checks listed in 17.3.16.2.”

**Existing paras 17.3.16 — 17.3.18** shall be renumbered as paras 17.3.18 — 17.3.20 accordingly.