



# RUSSIAN MARITIME REGISTER OF SHIPPING

---

**CIRCULAR LETTER**

**No. 313-68-1366c**

dated 27.03.2020

---

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

---

Item(s) of supervision:

systems and piping; refrigerating equipment

---

Entry-into-force date:

**01.04.2020**

~~Valid till:~~

~~Validity period extended till:~~

---

~~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 Part IV "Technical Supervision during Manufacture of Products"

---

Director General

Konstantin G. Palnikov

---

Text of CL:

We hereby inform that the Rules for Technical Supervision during Construction of Ships and Manufacture of Materials and Products for Ships have been 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 the Circular Letter during review of the design documentation on equipment/products/machinery requested for review on or after 01.04.2020, as well as when performing technical supervision during manufacture of equipment/products/machinery.
- 

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

Section 8: Table 8.7.3.4

Section 11: Table 11.1.6

---

Person in charge: Ekaterina A. Shvedova 313

+7 (812) 312-39-85

"Thesis" System No. 20-48036

**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	Section 8, Table 8.7.3.4	The requirements for testing of plastic pipes have been specified considering IACS Rec.86 (Rev.2 Mar 2019)	313-68-1366c of 27.03.2020	01.04.2020
2	Section 11, Table11.1.6	In line11 the naming of the item of technical supervision has been specified (only for the Russian version)	313-68-1366c of 27.03.2020	01.04.2020

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

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

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

**8 SYSTEMS AND PIPING**

Table 8.7.3.4 is replaced by the following:

"Table 8.7.3.4

Nos.	Testing	Recommended standards or paras of the Rules	Примечания
Recommended standards and requirements for testing of pipes for all systems			
1	Internal pressure	6.8.2 [1], ASTM D1599, ASTM D2992, ISO 15493	1, 2, 6, 7
2	External pressure	6.8.2 [1], ISO 15493	1, 2, 6, 7
3	Axial strength	6.8.3 [1]	1, 2
4	Load deformation	ASTM D2412	1
5	Temperature limitations	6.8.5 [1], ISO 75 Method A	3
6	Impact resistance	ISO 9854, ISO 9653, ISO 15493, ASTM D2444	4
7	Ageing	ISO 9142	4
8	Fatigue	Manufacturer's standards	4
9	Fluid absorption	ISO 8361	
10	Material compatibility	ASTM C581	5, 6
Recommended standards and requirements for testing of pipes depending on service and location onboard			
11	Fire endurance	Appendices 1 and 2 to IMO resolution A.753(18)	4, 5, 6, 7
12	Flame spread	Appendix 3 to IMO resolution A.753(18)	4, 5, 6, 7
13	Smoke generation	Appendix 3 to IMO resolution A.753(18)	4, 6
14	Toxicity	Appendix 3 to IMO resolution A.753(18)	5, 6
15	Electrical conductivity	ASTM F1173-95 or ASTM D257	5, 6, 7
<p>Notes: 1 The largest, the least and mean diameter of dimension-range are to be tested.                  2. Tests are carried out on the assemblies of pipes and fittings of various sizes.                  3. For each type of material.                  4. For each type of structure.                  5. For each type of joint.                  6. If applicable.                  7. To be carried out in the presence of the Surveyor.                  Reference: [1] – Part XIII "Materials" of the Rules for the Classification and construction of Sea-Going Ships.</p>			