Technical Regulations on Safety of Sea Transport Facilities

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Before Technical Regulation coming into force

- Requirements of International conventions
- Requirements of the Maritime Administration of the Russian Federation
- RS Rules requirements
- Other Requirements of the Russian Federation
- Requirements of the Russian Federation’s Sanitary Regulations
- Requirements of the Rostechnadzor’s Rules
- GOST R Requirements
Today

Class requirements
RS Rules requirements

Sea transport facility

The Russian Federation’s Requirements

Requirements Technical Regulation

Requirements of International conventions

Requirements of the Rostechnadzor’s Rules

Requirements of the Russian Federation’s Sanitary Regulations

Other Requirements of the Russian Federation mentioned in Technical Regulations
Contents of the Technical Regulations

I. General provisions

II. Safety requirements for sea transport facilities

III. Safety requirements for processes of operation and scrapping of sea transport facilities

IV. Safety requirements for objects of sea transport infrastructure facilities

V. Safety requirements for processes of design, construction, operation, decommissioning, liquidation and repair of sea transport infrastructure facilities

VI. Identification of sea transport facilities and sea transport infrastructure facilities

VII. Assessment of compliance

VIII. State control (supervision) of compliance with the requirements of present technical regulations
Russian Maritime Register of Shipping

The sea transport facilities are:

- ship launched for operation on the territory of the Russian Federation (enabled with a right to fly the State Flag of the Russian Federation),

- materials and products issued for circulation on the territory of the Russian Federation for a ship granted with a right to fly the State Flag of the Russian Federation,

- processes of operation (including decommissioning and repair) and scrapping related to requirements to sea transport facilities.
The Technical Regulations don’t cover:

- warships, naval auxiliary ships and other ships owned by the government or operated and used for the government service and the special infrastructure related to the said warships (ships);

- fixed or mobile platforms or mobile offshore drilling units performing exploration and development of mineral and other nonliving resources of seabed and its interiors;

- pleasure boats used for navigation;

- equipment fitted with explosives and pyrocartridges;

- processes of design, construction, operation, scrapping related to warships (ships) and equipment listed in this paragraph.
Russian Maritime Register of Shipping

Scope of Application

Technical regulations
- Sea vessels
- River-sea navigation vessels which are involved in international voyages

- passenger, general cargo, oil tankers, tug vessels an others vessels with ME power output >55 kWt
- Non - propelled vessels with gross tonnage > 80
- Fixed / floating drilling platforms or drilling mobile units

www.rs-class.org
Sea transport facilities complying with the Technical Regulations should be labeled with a conformity mark

Items should be labeled with a conformity mark by the applicant (manufacturer, builder, supplier)
Differences between Technical Regulations and requirements of International conventions and RS Rules

Not more stringent than statutory and RS Rules 76%

More stringent than the statutory and RS rules 24%

170 out of 700 paras of the Technical Regulation, which relate to the RS activities, contain the requirements that are more stringent than the statutory and RS Rule requirements.
Russian Maritime Register of Shipping

The Stages of Procedure

1st stage – Application

- Request for survey from manufacturer
  - Type Approval
    - and/or
    - Assessment of Compliance for TR-620
  - or
    - Single approval
      (in case of delivery upon particular order or contract)

2nd stage – Documentation Approval

- Technical documentation review and approval (in RS office)
Russian Maritime Register of Shipping

3rd stage – Testing and Surveys

- Survey of production process
- Prototype and series product (specimens) tests and inspections, witnessed by RS
- Test reports review

4th stage – Issue of RS documents

- Type Approval Certificate
- Individual RS Certificates for particular unit or batch (lot)
Requirements for Technical Documentation

- It should be indicated in the technical documentation that the product is comply with Technical Regulations on Safety of Transport Facilities (that was approved by the Order №620 of Government of the Russian Federation dated 12 of August 2010);

- All-Russian Classification Code for product is to be included to Technical documentation;

- Technical Documentation should contain division that prescribes product’s utilization (scrap) requirements;

- Each product shall be labeled with a conformity mark
Russian Maritime Register of Shipping

Certificates for equipment and products which will be installed on the Russian Federation flagged vessels
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