

Switchboards, etc.

Amended Rules and Guidance

Rules for the Survey and Construction of Steel Ships Part H

Rules for High Speed Craft

Rules for the Survey and Construction of Inland Waterway Ships

Guidance for the Survey and Construction of Steel Ships Part H

Guidance for High Speed Craft

Guidance for the Survey and Construction of Passenger Ships

Guidance for the Survey and Construction of Inland Waterway Ships

Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use

Reason for Amendment

Although the requirements for switchboards, section boards and distribution boards specified in 2.5, Part H of the Rules for the Survey and Construction of Steel Ships have been amended as necessary over the years, these requirements had never been fundamentally reviewed.

Accordingly, relevant requirements for switchboards, etc. were amended in consideration of actual results from their application over the years, recent research and development, and input from various manufacturers. This is being done as part of a comprehensive review of the ClassNK Rules.

Outline of Amendment

The main contents of this amendment are as follows:

- (1) Specified that insulated wires are to have an appropriate maximum allowable conductor temperature.
- (2) Specified that each controlgear in grouped starter panels is to be partitioned by fire-retardant walls.
- (3) Clarified procedures for omitting temperature rise tests, etc.

Amended Requirements

Rules for the Survey and Construction of Steel Ships

Part H: 2.5.3, 2.8.1

Rules for High Speed Craft

Part 10: 1.2.1, 2.5.3

Rules for the Survey and Construction of Inland Waterway Ships

Part 8: 2.5.3

Guidance for the Survey and Construction of Steel Ships

Part H: H2.5.3, H2.5.8, H2.5.10, Table H2.5.10-1

Guidance for High Speed Craft

Part 10: 2.5.3, 2.5.8

Guidance for the Survey and Construction of Passenger Ships

Part 10: 4.3.11

Guidance for the Survey and Construction of Inland Waterway Ships

Part 8: 2.5.8, 2.5.10, Table 8.2.5.10-1

Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use

Part 7: 3.4.2