

Electrical Installations of Electric Propulsion Ships

Amended Rules and Guidance

Rules for the Survey and Construction of Steel Ships Part H
Rules for the Survey and Construction of Inland Waterway Ships
Guidance for the Survey and Construction of Steel Ships Part H
Guidance for the Survey and Construction of Inland Waterway Ships

Reason for Amendment

In recent years, there has been an increase in the number of ships using electric propulsion systems being planned and constructed because of the advantages such ships have over ships using more traditional propulsion systems in terms of cargo capacity due to the compact design of the machinery room, improved propulsion plant efficiency, improved maneuverability (departure and arrival), etc.

The ClassNK Rules already contain requirements related to electric propulsion plant safety which reference the international standard *IEC 60092-501* (2007). This standard, however, was recently reviewed to more accurately reflect current conditions, and was revised as *IEC 60092-501* (2013).

Accordingly, relevant requirements were amended in reference to the revised standard.

Outline of Amendment

Amended requirements related to the safety measures, arrangements, design, etc. of propulsion electrical equipment.

Amended Requirements

Rules for the Survey and Construction of Steel Ships
Part H: 5.2.1, 5.2.2, 5.2.3, 5.2.5, 5.2.6
Rules for the Survey and Construction of Inland Waterway Ships Part 8 4.2.1, 4.2.2, 4.2.3, 4.2.5, 4.2.6
Guidance for the Survey and Construction of Steel Ships
Part H: H5.2.6
Guidance for the Survey and Construction of Inland Waterway Ships Part 8 4.2.6