

# Transformers

## Amended Guidance

Guidance for the Survey and Construction of Steel Ships Part H

Guidance for the Survey and Construction of Inland Waterway Ships

## Reason for Amendment

Although the requirements for transformers specified in 2.10 of Chapter 2 of Part H of the Rules for the Survey and Construction of Steel Ships have been revised over the years as necessary so that they are in accordance with the relevant IEC standards, some requirements established more than 60 years ago were in existence and have not been, for the most part, given a thorough review.

As part of a comprehensive review of the NK Rules, relevant provisions for transformers were accordingly revised in consideration of service records of transformer use to date as well as in consideration of feedback from the relevant industry members.

## Outline of Amendment

The main details of the amendment are as follows.

- (1) Specified the calculation formula to be used when calculating the voltage regulation of transformers.
- (2) Clarified procedures for omitting temperature testing.

## Amended Requirements

Guidance for the Survey and Construction of Steel Ships

Part H: H2.10.6, Table H2.10.6-1

Guidance for the Survey and Construction of Inland Waterway Ships

Part 8: 2.10.6, Table 8.2.10.6-1