

# **RULES FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS**

GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

**Part H**

**Electrical Installations**

**Rules for the Survey and Construction of Steel Ships**  
**Part H** **2017 AMENDMENT NO.2**  
**Guidance for the Survey and Construction of Steel Ships**  
**Part H** **2017 AMENDMENT NO.2**

Rule No.92 / Notice No.96 25 December 2017

Resolved by Technical Committee on 26 July 2017

**ClassNK**  
NIPPON KAIJI KYOKAI

An asterisk (\*) after the title of a requirement indicates that there is also relevant information in the corresponding Guidance.

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# **RULES FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS**

**RULES**

**Part H**

**Electrical Installations**

**2017 AMENDMENT NO.2**

Rule No.92      25 December 2017

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An asterisk (\*) after the title of a requirement indicates that there is also relevant information in the corresponding Guidance.

Rule No.92 25 December 2017

## AMENDMENT TO THE RULES FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

“Rules for the survey and construction of steel ships” has been partly amended as follows:

### **Part H ELECTRICAL INSTALLATIONS**

#### **Chapter 2 ELECTRICAL INSTALLATIONS AND SYSTEM DESIGN**

##### **2.12 Semiconductor Converters for Power**

###### **2.12.5 Shop Tests\***

Sub-paragraph -2 has been amended as follows.

**2** Temperature rise tests for converters and their accessories are to be carried out under normal working conditions, and ~~test results are~~ temperature rise for the interiors of converters is not to exceed manufacturer specified values and the temperature rise for the exteriors of converters (e.g., the connecting parts of busbars and cables for switchboards as well as coils, contactors and resistors) is not to exceed those values specified in the requirements given in **2.8.3**. Furthermore, temperature test methods for semiconductor element connections are to be as deemed appropriate by the Society.

#### EFFECTIVE DATE AND APPLICATION

- 1.** The effective date of the amendments is 25 December 2017.

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**Part H**

**Electrical Installations**

**GUIDANCE**

**2017 AMENDMENT NO.2**

Notice No.96      25 December 2017

Resolved by Technical Committee on 26 July 2017

Notice No.96 25 December 2017

## AMENDMENT TO THE GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

“Guidance for the survey and construction of steel ships” has been partly amended as follows:

### **Part H ELECTRICAL INSTALLATIONS**

#### **H2 ELECTRICAL INSTALLATIONS AND SYSTEM DESIGN**

##### **H2.12 Semiconductor Converters for Power**

Paragraph H2.12.1 has been amended as follows.

###### **H2.12.1 General**

The wording “standards are to be deemed appropriate by the Society” given in **2.12.1-2, Part H of the Rules** means the current ~~standards~~ versions of *IEC 60146* and *IEC 61800*.

#### EFFECTIVE DATE AND APPLICATION

1. The effective date of the amendments is 25 December 2017.