

# RULES FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

## Part K Materials

**Rules for the Survey and Construction of Steel Ships**  
**Part K** **2019 AMENDMENT NO.2**

Rule No.103 27 December 2019  
Resolved by Technical Committee on 22 July 2019

**ClassNK**  
NIPPON KAIJI KYOKAI

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

Rule No.103 27 December 2019

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 K MATERIALS**

**Chapter 3 ROLLED STEELS**

**3.4 Rolled Steels for Low Temperature Service**

**3.4.5 Mechanical Properties**

Sub-paragraph -3 has been added as follows.

**3** For steels to which the requirement in 17.12, Part N is applicable, the specified value of the maximum yield point or proof stress may be set after obtaining verification by the Society.

Paragraph 3.4.11 has been amended as follows.

**3.4.11 Marking**

**1** Steels which have satisfactorily complied with the required test are to be marked with identification mark in accordance with the requirements in 1.5.1.

**2** For steels to which the requirement in 3.4.5-3 is applicable, the specified value of the maximum yield point or proof stress and “U” are to be suffixied to the grade mark. (e.g. KL33-440U)

## Chapter 4 STEEL PIPES

### 4.2 Steel Pipes for Pressure Piping

Paragraph 4.2.5 has been amended as follows.

#### 4.2.5 Mechanical Properties\*

1 The steel pipes are to conform to the following requirements as to mechanical properties: ((1) to (3) are omitted.)

2 For steel pipes to which the requirement in 17.12, Part N is applicable, the specified value of the maximum yield point or proof stress may be set after obtaining verification by the Society.

Paragraph 4.2.9 has been amended as follows.

#### 4.2.9 Marking

1 The name or brand of the manufacturer, symbol of grade, symbol of the method of manufacture and size are to be legibly stamped or stenciled before shipping on each length pipe of 60 mm or over in outside diameter and on each bundle of pipes less than 60 mm in outside diameter. The Society's brand indicating compliance with the requirements is to be stamped in the vicinity of the foregoing marks.

2 For steel pipes to which the requirement in 4.2.5-2 is applicable, the specified value of the maximum yield point or proof stress and "U" are to be suffixied to the grade mark.  
(e.g. KSTPG38-440U)

### 4.5 Steel Pipes for Low Temperature Service

#### 4.5.5 Mechanical Properties

Sub-paragraph -3 has been added as follows.

3 For steel pipes to which the requirement in 17.12, Part N is applicable, the specified value of the maximum yield point or proof stress may be set after obtaining the verification by the Society.

Paragraph 4.5.10 has been amended as follows.

#### 4.5.10 Marking

1 Marking for steel pipes is generally to comply with the requirements given in 4.2.9.

2 For steel pipes to which the requirement in 4.5.5-3 is applicable, the specified value of the maximum yield point or proof stress and "U" are to be suffixied to the grade mark.  
(e.g. KLPB38-440U)

## EFFECTIVE DATE AND APPLICATION

1. The effective date of the amendments is 27 December 2019.
2. Notwithstanding the amendments to the Rules, the current requirements apply to steels for which the application for survey is submitted to the Society before the effective date and steels being used on ships for which the date of contract for construction is before the effective date.