

---

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

**RULES**

**Part P**

**Mobile Offshore Drilling Units and  
Special Purpose Barges**

**2017 AMENDMENT NO.1**

Rule No.29      1st June 2017

Resolved by Technical Committee on 30th January 2017

Approved by Board of Directors on 20th February 2017

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

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 P MOBILE OFFSHORE DRILLING UNITS AND SPECIAL PURPOSE BARGES**

Amendment 1-1

**Chapter 2 MATERIALS AND WELDINGS**

**2.2 Material**

Table P2.1 has been amended as follows.

Table P2.1 Category of Rolled Steels ~~for Hull~~

Kind of steel	Symbols specified in <b>Part K</b>	Symbols specified in this Part
Mild Steel	<i>KA</i>	<i>KA</i>
	<i>KB</i>	<i>KB</i>
	<i>KD</i>	<i>KD</i>
	<i>KE</i>	<i>KE</i>
High Tensile Steel	<i>KA32,KA36,KA40</i>	<i>KAH</i>
	<i>KD32,KD36,KD40</i>	<i>KDH</i>
	<i>KE32,KE36,KE40</i>	<i>KEH</i>
	<i>KF32,KF36,KF40</i>	<i>KFH</i>
High strength <del>Quenched and Tempered Rolled Steels</del> for offshore structures	<i>KA420,KA460,KA500</i>	<i>AQ1</i>
	<i>KA550,KA620,KA690</i>	<i>AQ2</i>
	<i>KA890,KA960</i>	—
	<i>KD420,KD460,KD500</i>	<i>DQ1</i>
	<i>KD550,KD620,KD690</i>	<i>DQ2</i>
	<i>KD890,KD960</i>	—
	<i>KE420,KE460,KE500</i>	<i>EQ1</i>
	<i>KE550,KE620,KE690</i>	<i>EQ2</i>
	<i>KE890,KE960</i>	—
	<i>KF420,KF460,KF500</i>	<i>FQ1</i>
<i>KF550,KF620,KF690</i>	<i>FQ2</i>	

Table P2.2 has been amended as follows.

Table P2.2 Material Coefficient (*K*) Corresponding to the Tensile Strength

Kind of steel	Symbols of materials	Coefficient ( <i>K</i> )
Mild Steel	<i>KA,KB,KD,KE</i>	1.0
High Tensile Steel	<i>KA32,KD32,KE32,KF32</i>	0.78
	<i>KA36,KD36,KE36,KF36</i>	0.72
	<i>KA40,KD40,KE40,KF40</i>	0.68
High strength <del>Quenched and Tempered</del> <del>Hot</del> Rolled Steels for offshore structures	<i>KA420,KD420,KE420,KF420</i>	*
	<i>KA460,KD460,KE460,KF460</i>	*
	<i>KA500,KD500,KE500,KF500</i>	*
	<i>KA550,KD550,KE550,KF550</i>	*
	<i>KA620,KD620,KE620,KF620</i>	*
	<i>KA690,KD690,KE690,KF690</i>	*
	<i>KA890,KD890,KE890</i>	*
	<i>KA960,KD960,KE960</i>	*

Note:

\* At the discretion of the Society.

## Chapter 6 HULL CONSTRUCTION

### 6.2 Materials for Structural Members

#### 6.2.2 Application of Steels

Title of Fig. P6.3 and Fig. P6.4 have been amended as follows.

Fig. P6.3 Application of High Strength ~~Quenched and Tempered~~ Rolled Steels for Offshore Structures (*AQ1, DQ1, EQ1 and FQ1*)

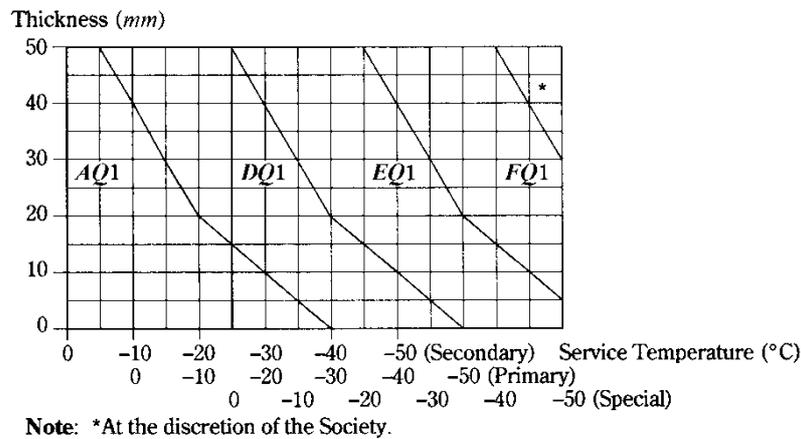
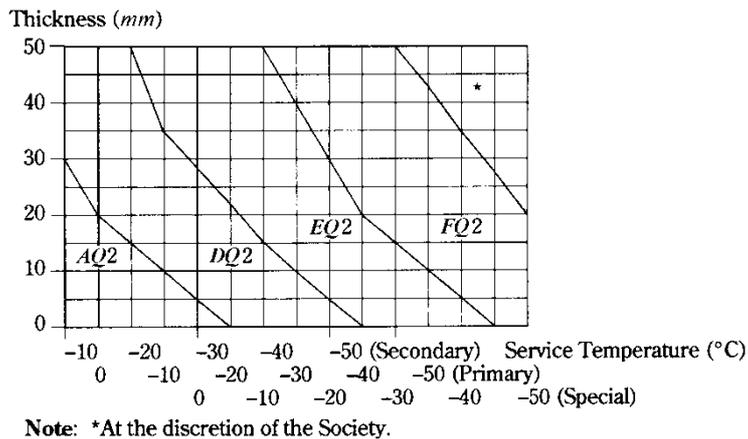


Fig. P6.4 Application of High Strength ~~Quenched and Tempered~~ Rolled Steels for Offshore Structures (*AQ2, DQ2, EQ2 and FQ2*)



## EFFECTIVE DATE AND APPLICATION (Amendment 1-1)

1. The effective date of the amendments is 1 July 2017.
2. Notwithstanding the amendments to the Rules, the current requirements apply to high strength rolled steel for offshore structures (hereinafter referred to as “steels”) for which the application for survey is submitted to the Society before 1 July 2017 or steels being used on marine and offshore structures for which the date of contracts for construction\* is before 1 July 2017.  
\* “contract for construction” is defined in the latest version of IACS Procedural Requirement (PR) No.29.

### IACS PR No.29 (Rev.0, July 2009)

1. The date of “contract for construction” of a vessel is the date on which the contract to build the vessel is signed between the prospective owner and the shipbuilder. This date and the construction numbers (i.e. hull numbers) of all the vessels included in the contract are to be declared to the classification society by the party applying for the assignment of class to a newbuilding.
2. The date of “contract for construction” of a series of vessels, including specified optional vessels for which the option is ultimately exercised, is the date on which the contract to build the series is signed between the prospective owner and the shipbuilder.  
For the purpose of this Procedural Requirement, vessels built under a single contract for construction are considered a “series of vessels” if they are built to the same approved plans for classification purposes. However, vessels within a series may have design alterations from the original design provided:
  - (1) such alterations do not affect matters related to classification, or
  - (2) If the alterations are subject to classification requirements, these alterations are to comply with the classification requirements in effect on the date on which the alterations are contracted between the prospective owner and the shipbuilder or, in the absence of the alteration contract, comply with the classification requirements in effect on the date on which the alterations are submitted to the Society for approval.The optional vessels will be considered part of the same series of vessels if the option is exercised not later than 1 year after the contract to build the series was signed.
3. If a contract for construction is later amended to include additional vessels or additional options, the date of “contract for construction” for such vessels is the date on which the amendment to the contract, is signed between the prospective owner and the shipbuilder. The amendment to the contract is to be considered as a “new contract” to which 1. and 2. above apply.
4. If a contract for construction is amended to change the ship type, the date of “contract for construction” of this modified vessel, or vessels, is the date on which revised contract or new contract is signed between the Owner, or Owners, and the shipbuilder.

Note:

This Procedural Requirement applies from 1 July 2009.

## Chapter 14 FIRE PROTECTION AND MEANS OF ESCAPE

### 14.3 Storage Units

#### 14.3.2 Construction of Fire Protection

Sub-paragraph -1 has been amended as follows.

**1** Fire protection for storage units which store liquids having a flashpoint of 60°C and under, are to ~~be~~ correspondingly complied with the requirements in **4.5.1 (except -8)**, **4.5.2** and **Chapter 9, Part R**.

### 14.4 Work-ships which are Engaged In Works with Danger of a Fire or an Explosion

Paragraph 14.4.2 has been amended as follows.

#### 14.4.2 Construction of Fire Protection

The construction of fire protection for the units is to ~~be~~ correspondingly complied with the requirements in **14.2.2** or **14.3.2** or the requirements in **4.5.1 (except -8)**, **4.5.2** and **Chapter 9, Part R**.

### EFFECTIVE DATE AND APPLICATION (Amendment 1-2)

1. The effective date of the amendments is 1 July 2017.
2. Notwithstanding the amendments to the Rules, the current requirements apply to ships other than those for which the application for Classification Survey during Construction or the application for examinations of altered parts is dated on or after the effective date.