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

**Part M**    **Welding**

**RULES**

## **2007    AMENDMENT NO.1**

Rule No.12      1st February 2007

Resolved by Technical Committee on 17th November 2006

Approved by Board of Directors on 19th December 2006

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

## Part M WELDING

### Chapter 4 WELDING PROCEDURE AND RELATED SPECIFICATIONS

#### 4.2 Tests for Butt Welded Joints

Table K4.5 has been amended as follows.

**Table M4.5 Tensile Test Requirements for Butt Welded Joint**

Kind of test assembly	Grade of test assembly	Tensile test	
		Tensile strength (N/mm <sup>2</sup> )	0.2% proof stress(N/mm <sup>2</sup> )
Rolled steels for low temperature service	<i>KL9N53, KL9N60</i>	590 min <sup>(1)</sup>	315 min
		630 min <sup>(2)</sup>	—
Steel pipes for low temperature service	<i>KLP9</i>	630 min	—
Aluminium alloys <sup>(3)</sup>	<i>5086P-H112</i> <sup>(4)</sup> <i>5086P-H116</i>	240 min	—
	<i>5083P-H116</i> <i>5083P-H321</i>	275 min	—
	<i>6061P-T6</i> <i>6005AS-T5</i> <sup>(5)</sup> , <i>6005AS-T6</i> <sup>(5)</sup> <i>6061S-T6</i> <sup>(5)</sup> <i>6082S-T5</i> <sup>(5)</sup> , <i>6082S-T6</i> <sup>(5)</sup>	170 min	—

Notes:

- (1) For test specimens in longitudinal direction
- (2) For test specimen in transverse direction
- (3) Grades of aluminium alloys have indication grade showing the temper condition.
- (4) For test assembly thickness not more than 12.5mm
- (5) See **Notes (13)** of **Table M4.4**.

## EFFECTIVE DATE AND APPLICATION

1. The effective date of the amendments is 1 July 2007.
2. Notwithstanding the amendments to the Rules, the current requirements may apply to materials other than those for which the application for survey is submitted to the Society on and after the effective date.