
RULES FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

Part L **Equipment**

RULES

2013 AMENDMENT NO.1

Rule No.38 30th May 2013

Resolved by Technical Committee on 4th February 2013

Approved by Board of Directors on 4th March 2013

Rule No.38 30th May 2013

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 L EQUIPMENT

Amendment 1-1

Chapter 1 GENERAL

1.5 Marking and Test Certificate

Paragraph 1.5.2 has been amended as follows.

1.5.2 Test Certificate

1 The manufacturer is to submit the test results which have passed the specified test and inspection according to the kind.

2 The Society issues certificates, which contain the following particulars, for the equipment which have passed the specified test and inspection according to the kind unless the requirements separately specified in other chapters.

- (1) Identification of manufacturer
- (2) Date of testing and inspection
- (3) Kind and type of equipment
- (4) Particulars of equipment (weight, length, diameter, etc.)
- (5) Results of test and inspection
- (6) Making particulars
- (7) Others considered necessary

Chapter 2 ANCHORS

2.1 Anchors

Paragraph 2.1.14 has added as follows.

2.1.14 Test Certificate

The Society issues certificates, which contain the following particulars, for the Anchors which

have passed the specified test and inspection.

- (1) Manufacturer's name
- (2) Type
- (3) Mass
- (4) Fluke and Shank identification numbers
- (5) Grade of materials
- (6) Proof test loads
- (7) Kind of Heat treatment
- (8) Marking applied to anchor
- (9) Non-destructive Test result
- (10) Drop and Hammering Tests result, where applicable

Chapter 3 CHAINS

3.1 Chains

Paragraph 3.1.16 has added as follows.

3.1.16 Test Certificate

1 The Society issues certificates, which contain the following particulars, for the Chains which have passed the specified test and inspection.

- (1) Manufacturer's name
- (2) Grade
- (3) Chemical composition (including total aluminum content)
- (4) Nominal diameter and weight
- (5) Proof and break load
- (6) Kind of Heat treatment
- (7) Marks applied to chain
- (8) Length
- (9) Mechanical properties, where applicable

2 The Society issues certificates, which contain the following particulars, for the Accessories which have passed the specified test and inspection.

- (1) Manufacturer's name
- (2) Grade
- (3) Heat number
- (4) Chemical composition (including total aluminum content)
- (5) Nominal diameter and weight
- (6) Proof and break load
- (7) Kind of Heat treatment
- (8) Marks applied to accessories
- (9) Mechanical properties, where applicable

3.2 Offshore Mooring Chains

Paragraph 3.2.19 has added as follows.

3.2.19 Test Certificate

1 The Society issues certificates, which contain the following particulars, for the offshore Chains which have passed the specified test and inspection.

- (1) Manufacturer's name
- (2) Grade
- (3) Chemical composition (including total aluminum content)
- (4) Nominal diameter and weight
- (5) Proof and break load
- (6) Kind of Heat treatment
- (7) Marks applied to chain
- (8) Length
- (9) Mechanical properties, where applicable
- (10) Non-destructive test result

2 The Society issues certificates, which contain the following particulars, for the Accessories for offshore chain which have passed the specified test and inspection.

- (1) Manufacturer's name
- (2) Grade
- (3) Heat number
- (4) Chemical composition (including total aluminum content)
- (5) Nominal diameter and weight
- (6) Proof and break load
- (7) Kind of Heat treatment
- (8) Marks applied to accessories
- (9) Mechanical properties, where applicable
- (10) Non-destructive test result

EFFECTIVE DATE AND APPLICATION (Amendment 1-1)

1. The effective date of the amendments is 30 May 2013.

Chapter 3 CHAINS

3.1 Chains

3.1.10 Breaking Tests of Chains

Sub-paragraph -3 has been amended as follows.

3 The test specimens are to withstand satisfactorily the breaking test loads specified in **Table L3.5** according to their grades. The breaking test load is to be maintained for a minimum of 30 *seconds*.

3.1.11 Breaking Tests of Accessories

Sub-paragraph -3 has been amended as follows.

3 Accessories used for the breaking test are generally not to be put into use in service. However, the accessories, which have been successfully tested at the breaking test load appropriate to the chain, may be used in service at the discretion of the Society.

3.2 Offshore Mooring Chains

3.2.11 Breaking Tests

Sub-paragraph -1(3) has been amended as follows.

(3) Each specimen is to be capable of withstanding the breaking test load specified in **Table L3.10** without fracture maintained at that load for 30 *seconds*.

Sub-paragraph -2(2) has been amended as follows.

(2) Each specimen of accessories of offshore chain and connecting common link is to be capable of withstanding the breaking test load specified for the grade and size of offshore chain for which they are intended without fracture maintained at that load for 30 *seconds*.

EFFECTIVE DATE AND APPLICATION (Amendment 1-2)

1. The effective date of the amendments is 30 May 2013.
2. Notwithstanding the amendments to the Rules, the current requirements may apply to offshore chain for which the application for approval of manufacturing process is submitted to the Society before the effective date.

GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

Part L **Equipment**

GUIDANCE

2013 AMENDMENT NO.1

Notice No.28 30th May 2013

Resolved by Technical Committee on 4th February 2013

Notice No.28 30th May 2013

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 L EQUIPMENT

L3 CHAINS

L3.1 Chains

L3.1.10 Breaking Test of Accessories

Sub-paragraph (1)(b) has been amended as follows.

(b) Breaking test loads specified in **Table L3.5 of the Rules** are to be above 6,000kN.

L3.1.11 Breaking Test of Accessories

Sub-paragraph -1(2) has been amended as follows.

(2) or alternatively, the same grade materials as the chain but with increased dimensions subject to the successful procedure tests that such accessories are so designed that the breaking strength is not less than 1.4 times the breaking test load of the chain which they are intended.

L3.2 Offshore Mooring Chains

L3.2.11 Breaking Tests

Sub-paragraph -4(2) has been amended as follows.

(2) It is verified by breaking test carried out by the manufacturer that such accessories are so designed that breaking strength is not less than 1.4 times the breaking test load of the offshore chain for which they are intended.

EFFECTIVE DATE AND APPLICATION

1. The effective date of the amendments is 30 May 2013.
2. Notwithstanding the amendments to the Guidance, the current requirements may apply to offshore chain for which the application for approval of manufacturing process is submitted to the Society before the effective date.