

# **Confirmation of Asbestos-Free Declarations and Supporting Documentation**

## **Established Rules and Guidance**

Guidance for Floating Docks

## **Amended Rules and Guidance**

Rules for the Survey and Construction of Steel Ships Part B

Rules for Marine Pollution Prevention Systems

Rules for Safety Equipment

Rules for Radio Installations

Rules for Ballast Water Management Installations

Rules for Cargo Refrigerating Installations

Rules for Cargo Handling Appliances

Rules for Diving Systems

Rules for High Speed Craft

Rules for the Survey and Construction of Passenger Ships

Rules for the Survey and Construction of Ships of Fibreglass Reinforced Plastics

Rules for Floating Docks

Guidance for the Survey and Construction of Steel Ships Part B

Guidance for Marine Pollution Prevention Systems

Guidance for Safety Equipment

Guidance for Radio Installations

Guidance for Ballast Water Management Installations

Guidance for Cargo Refrigerating Installations

Guidance for Cargo Handling Appliances

Guidance for Diving Systems

Guidance for High Speed Craft

Guidance for the Survey and Construction of Passenger Ships

Guidance for the Survey and Construction of Ships of Fibreglass Reinforced Plastics

## **Reason for Establishment and Amendment**

Regulation II-1/3-5 of SOLAS prohibits the new use of asbestos containing materials after 1 January 2011 without exception.

Therefore, IACS adopted IACS Unified Interpretation (UI) SC249 in October 2011, which requires that an asbestos-free declaration be made to confirm that materials containing asbestos are not being used.

However, since the handling of asbestos by each country was unclear, Class NK's response to IACS UI SC249 was to provide technical information and issue inspection instructions while monitoring the responses of each country.

Since the handling of asbestos by each country has been clarified, relevant requirements are amended accordingly based on IACS UI SC249 as part of a comprehensive review of the ClassNK Rules.

### **Outline of Establishment and Amendment**

- (1) Specifies that asbestos-free declarations and supporting documents are to be submitted as reference documents at Classification Surveys During Construction.
- (2) Specifies that surveyors are to confirm at Classification Surveys During Construction that materials containing asbestos are not being used in accordance with submitted asbestos-free declarations and supporting documents.
- (3) Specifies that surveyors are to confirm at periodical surveys that materials containing asbestos are not being used in accordance with submitted asbestos-free declarations and supporting documents in cases where onboard fittings, equipment, parts, etc. are replaced after a ship enters into service.

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

## **Part B CLASS SURVEYS**

### **Chapter 2 CLASSIFICATION SURVEYS**

#### **2.1 Classification Survey during Construction**

##### **2.1.1 General**

Sub-paragraph -2 has been amended as follows.

~~2 The new installation of Surveyors are to confirm that materials which contain asbestos is to be prohibited are not being used.~~

##### **2.1.3 Submission of Other Plans and Documents**

Sub-paragraph -1(17) has been added as follows.

**1** When it is intended to build a ship to the classification with the Society the following plans and documents are to be submitted, in addition to those required in **2.1.2**:

((1) to (16) are omitted.)

(17) Asbestos-free declarations and supporting documents.

“Rules for marine pollution prevention systems” has been partly amended as follows:

## **Part 2 SURVEYS**

### **Chapter 2 REGISTRATION SURVEYS**

#### **2.1 Registration Surveys during Construction**

Paragraph 2.1.1 has been amended as follows.

##### **2.1.1 General**

**1** At Registration Surveys during construction, the Marine Pollution Prevention Installations and their workmanship are to be examined in detail in order to ascertain that they meet the relevant requirements in each Part of the Rules.

**2** Surveyors are to confirm that materials which contain asbestos are not being used.

##### **2.1.2 Submission of Plans and Documents for Approval\***

Sub-paragraph -2(5) has been added as follows.

**2** The following plans and documents are to be submitted to the Society for reference, in addition to the approval plans and documents specified in the preceding -1.

((1) to (4) are omitted.)

**(5)** Asbestos-free declarations and supporting documents.

“Rules for safety equipment” has been partly amended as follows:

## **Chapter 2 SURVEYS OF SAFETY EQUIPMENT**

### **2.1 General**

#### **2.1.5 Preparation for Surveys and Others**

Sub-paragraph -5 has been added as follows.

5 In cases where it is necessary to replace any fittings, equipment, parts, etc. used on board, replacements are not to use any materials which contain asbestos.

### **2.2 Registration Surveys**

#### **2.2.1 Registration Surveys**

Sub-paragraph -3 has been added as follows.

3 Surveyors are to confirm that materials which contain asbestos are not being used.

Paragraph 2.2.2 has been amended as follows.

#### **2.2.2 Submission of Plans and Documents ~~for Approval~~**

1 At Registration Survey, the following plans and documents are to be submitted for the approval by the Society.

((1) to (3) are omitted.)

2 The following plans and documents are to be submitted to the Society for reference in addition to the approval plans and documents specified in the preceding -1.

Asbestos-free declarations and supporting documents

“Rules for radio installations” has been partly amended as follows:

## **Chapter 2 SURVEYS**

### **2.1 General**

#### **2.1.5 Preparation for Surveys and Others\***

Sub-paragraph -5 has been added as follows.

5 In cases where it is necessary to replace any fittings, equipment, parts, etc. used on board, replacements are not to use any materials which contain asbestos.

### **2.2 Registration Surveys**

Paragraph 2.2.1 has been amended as follows.

#### **2.2.1 Submission of Plans and Documents ~~for Approval~~\***

3 The following plans and documents are to be submitted to the Society for reference in addition to the approval plans and documents specified in the preceding -1.

Asbestos-free declarations and supporting documents

Paragraph 2.2.2 has been amended as follows.

#### **2.2.2 Surveys\***

1 A Special Survey or a Periodical Survey of radio installations is to be carried out according to the requirements of the Rules.

2 Surveyors are to confirm that materials which contain asbestos are not being used.

“Rules for ballast water management installations” has been partly amended as follows:

## **Part 2 SURVEYS**

### **Chapter 2 REGISTRATION SURVEYS**

#### **2.1 Registration Surveys during Construction**

Paragraph 2.1.1 has been amended as follows.

##### **2.1.1 General**

**1** At Registration Surveys during Construction, the ballast water management installations and their workmanship are to be examined in detail in order to ascertain that they meet the relevant requirements in each Part of the Rules.

**2** Surveyors are to confirm that materials which contain asbestos are not being used.

##### **2.1.2 Submission of Plans and Documents for Approval\***

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

**2** The following documents are to be submitted to the Society for reference, in addition to the approval plans and documents specified in the preceding -1. The document specified in (2) is to be submitted before onboard testing.

((1) to (3) are omitted.)

**(4)** Asbestos-free declarations and supporting documents.

“Rules for cargo refrigerating installations” has been partly amended as follows:

## **Chapter 2 SURVEYS**

### **2.2 Registration Surveys**

#### **2.2.1 Registration Surveys during Construction**

Sub-paragraph -5 has been added as follows.

5 The following plans and documents are to be submitted to the Society for reference in addition to the approval plans and documents specified in the preceding -3.

Asbestos-free declarations and supporting documents

“Rules for cargo handling appliances” has been partly amended as follows:

## **Chapter 2 SURVEYS**

### **2.3 Registration Surveys**

#### **2.3.1 Drawings and Other Documents to be Submitted\***

Sub-paragraph -3 has been amended as follows.

**3** The drawings and documents listed in the following (1) through (~~6~~7) are to be submitted for reference for cargo handling appliances to be newly constructed:

((1) to (5) are omitted.)

(6) Asbestos-free declarations and supporting documents

~~(6)~~ (7) Other drawings and documents as deemed necessary by the Society

“Rules for diving systems” has been partly amended as follows:

## **Chapter 2 SURVEYS OF THE DIVING SYSTEMS**

### **2.2 Registration Surveys**

#### **2.2.1 Registration Surveys\***

Sub-paragraph -5 has been added as follows.

5 Surveyors are to confirm that materials which contain asbestos are not being used.

#### **2.2.2 Drawings and Data**

Sub-paragraph -2(9) has been renumbered to Sub-paragraph -2(10), and Sub-paragraph -2(9) has been added as follows.

**2** For the diving systems intended to be registered, the following drawings and data are to be submitted for reference in addition to the drawings and data specified in -1 above.

((1) to (8) are omitted.)

(9) Asbestos-free declarations and supporting documents

(~~9~~10) Other plans and documents deemed necessary by the Society

“Rules for high speed craft” has been partly amended as follows:

## **Part 2 CLASS SURVEYS**

### **Chapter 1 GENERAL**

#### **1.1 Surveys**

##### **1.1.1 Classification Surveys**

Sub-paragraph -2 has been amended as follows.

~~2~~ ~~The new installation of Surveyors are to confirm that materials which contain asbestos is to be prohibited are not being used.~~

### **Chapter 2 CLASSIFICATION SURVEYS**

#### **2.1 Classification Survey during Construction**

##### **2.1.3 Submission of Other Plans and Documents**

Sub-paragraph -1(9) has been renumbered to Sub-paragraph -1(10), and Sub-paragraph -1(9) has been added as follows.

**1** When it is intended to build a craft to the classification with the Society, the following plans and documents are to be submitted in addition to those required in **2.1.2**:

((1) to (8) are omitted.)

(9) Asbestos-free declarations and supporting documents

(10) Other plans and documents may be required where deemed necessary by the Society.

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

## **Part 2 CLASS SURVEY**

### **Chapter 1 GENERAL**

#### **1.1 Surveys**

##### **1.1.1 Classification Surveys\***

Sub-paragraph -3 has been amended as follows.

~~3~~ ~~The new installation of Surveyors are to confirm that materials which contain asbestos is to be prohibited are not being used.~~

### **Chapter 2 CLASSIFICATION SURVEYS**

#### **2.1 Classification Survey during Construction**

##### **2.1.3 Submission of Other Plans and Documents\***

Sub-paragraph (7) has been renumbered to Sub-paragraph (8), and Sub-paragraph (7) has been added as follows.

With respect to ships intended to undergo the Classification Survey during Construction, the following plans and documents are to be submitted for reference, in addition to the plans and documents specified in 2.1.2:

((1) to (6) are omitted.)

(7) Asbestos-free declarations and supporting documents

(~~7~~8) Submission of other plans and documents than those specified in (1) to (~~6~~7) may be required where deemed necessary by the Society.

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

## **Chapter 1 GENERAL**

Section 1.4 has been added as follows.

### **1.4 Preparation for Survey and Other Items**

#### **1.4.1 Procedure for Tests, Wear and Tear, etc.**

In cases where it is necessary to replace any fittings, equipment, parts, etc. used on board, replacements are to comply with the regulations to be applied during ship construction. However, in cases where new requirements are specified or where deemed necessary by the Society, the Society may require that such replacements comply with any new requirements in effect at the time the relevant replacement work is carried out. In addition, replacements are not to use any materials which contain asbestos.

## **Chapter 2 CLASS SURVEYS**

### **2.2 Classification Survey during Construction**

#### **2.2.1 General**

Sub-paragraph -2 has been amended as follows.

~~2 The new installation of Surveyors are to confirm that materials which contain asbestos is to be prohibited are not being used.~~

#### **2.2.3 Plans and Documents to be Submitted for Reference\***

Sub-paragraph -1(6) has been added as follows.

**1** Where intended for the classification survey during construction, the following plans or documents are to be submitted for reference, in addition to those for approval required in 2.2.2:

((1) to (5) are omitted.)

(6) Asbestos-free declarations and supporting documents

“Rules for floating docks” has been partly amended as follows:

## **Chapter 2 CLASSIFICATION SURVEYS**

### **2.1 Classification Surveys during Construction**

#### **2.1.1 General**

Sub-paragraph -2 has been amended as follows.

~~2 The new installation of Surveyors are to confirm that materials which contain asbestos is to be prohibited are not being used.~~

#### **2.1.2 Plans and Documents**

Sub-paragraph (2)(h) has been added as follows.

When a dock is intended to be classed with the Society, plans and documents showing the scantlings, arrangements and details of the principal parts of the structure, and relevant data are to be submitted for review or approval. Plans for approval are generally to be submitted in triplicate. In general, these plans and documents are to include the following (1) and (2) where applicable.

((1) is omitted.)

(2) Information

((a) to (g) are omitted.)

(h) Asbestos-free declarations and supporting documents

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

## **Part B            CLASS SURVEYS**

### **B1    GENERAL**

#### **B1.4    Preparation for Survey and Other Items**

Paragraph B1.4.5 has been added as follows.

##### **B1.4.5    Procedure for Tests, Wear and Tear, etc.**

With respect to 1.4.5-4, Part B of the Rules, surveyors are to confirm at periodical surveys that asbestos-free declarations and supporting documents are provided for any replaced or newly installed fittings, equipment, parts, etc.

### **B2    CLASSIFICATION SURVEYS**

#### **B2.1    Classification Survey during Construction**

Paragraph B2.1.1 has been added as follows.

##### **B2.1.1    General**

With respect to 2.1.1-2, Part B of the Rules, surveyors are to confirm the asbestos-free declarations and supporting documents specified in 2.1.3-1(17), Part B of the Rules.

“Guidance for marine pollution prevention systems” has been partly amended as follows:

## **Part 2 SURVEYS**

### **Chapter 1 GENERAL**

Section 1.2 has been added as follows.

#### **1.2 Preparation for Survey and Other Items**

##### **1.2.5 Procedure for Tests, Wear and Tear, etc.**

With respect to 1.2.5, Part 2 of the Rules, surveyors are to confirm at periodical surveys that asbestos-free declarations and supporting documents are provided for any replaced or newly installed fittings, equipment, parts, etc.

### **Chapter 2 REGISTRATION SURVEYS**

#### **2.1 Registration Surveys during Construction**

Paragraph 2.1.1 has been added as follows.

##### **2.1.1 General**

With respect to 2.1.1-2, Part 2 of the Rules, surveyors are to confirm the asbestos-free declarations and supporting documents specified in 2.1.2-2(5), Part 2 of the Rules.

“Guidance for safety equipment” has been partly amended as follows:

## **Chapter 2 SURVEYS OF SAFETY EQUIPMENT**

### **2.1 General**

Paragraph 2.1.5 has been added as follows.

#### **2.1.5 Procedure for Tests, Wear and Tear, etc.**

With respect to 2.1.5-5 of the Rules, surveyors are to confirm at periodical surveys that asbestos-free declarations and supporting documents are provided for any replaced or newly installed fittings, equipment, parts, etc.

### **2.2 Registration Surveys**

Paragraph 2.2.1 has been added as follows.

#### **2.2.1 Registration Surveys**

With respect to 2.2.1-3 of the Rules, surveyors are to confirm the asbestos-free declarations and supporting documents specified in 2.2.2-2 of the Rules.

“Guidance for radio installations” has been partly amended as follows:

## **Chapter 2 SURVEYS**

### **2.1 General**

#### **2.1.5 Preparation for Surveys and Others**

Sub-paragraph -3 has been added as follows.

3 With respect to 2.1.5-5 of the Rules, surveyors are to confirm at periodical surveys that asbestos-free declarations and supporting documents are provided for any replaced or newly installed fittings, equipment, parts, etc.

### **2.2 Registration Surveys**

Paragraph 2.2.2 has been amended as follows.

#### **2.2.2 Surveys**

1 Requirements of the Registration Survey referred to in paragraph 2.2.2 of the Rules are detailed below:

((1) to (15) are omitted.)

2 With respect to 2.2.2-2 of the Rules, surveyors are to confirm the asbestos-free declarations and supporting documents specified in 2.2.1-3 of the Rules.

“Guidance for ballast water management installations” has been partly amended as follows:

## **Part 2 SURVEYS**

### **Chapter 1 GENERAL**

Section 1.2 has been added as follows.

#### **1.2 Preparation for Survey and Other Items**

##### **1.2.5 Procedure for Tests, Wear and Tear, etc.**

With respect to 1.2.5, Part 2 of the Rules, surveyors are to confirm at periodical surveys that asbestos-free declarations and supporting documents are provided for any replaced or newly installed fittings, equipment, parts, etc.

### **Chapter 2 REGISTRATION SURVEYS**

#### **2.1 Registration Surveys during Construction**

Paragraph 2.1.1 has been added as follows.

##### **2.1.1 Registration Surveys**

With respect to 2.1.1-2, Part 2 of the Rules, surveyors are to confirm the asbestos-free declarations and supporting documents specified in 2.1.2-2(4), Part 2 of the Rules.

“Guidance for cargo refrigerating installations” has been partly amended as follows:

## **Chapter 2 SURVEYS**

### **2.1 General**

Paragraph 2.1.4 has been added as follows.

#### **2.1.4 Procedure for Tests, Wear and Tear, etc.**

With respect to 2.1.4-5 of the Rules, surveyors are to confirm at periodical surveys that asbestos-free declarations and supporting documents are provided for any replaced or newly installed fittings, equipment, parts, etc.

### **2.2 Registration Surveys**

Paragraph 2.2.1 has been added as follows.

#### **2.2.1 Registration Surveys**

Surveyors are to confirm the asbestos-free declarations and supporting documents specified in 2.2.1-5 of the Rules.

“Guidance for cargo handling appliances” has been partly amended as follows:

## **Chapter 2 SURVEYS**

### **2.1 General**

Paragraph 2.1.2 has been amended as follows.

#### **2.1.2 Preparation for Surveys and Others**

**1** “The Surveyor considers that the safety for execution of the tests and examinations is not ensured” means that the safety measure of prevention for downfall is not taken at high position survey, etc.

**2** With respect to 2.1.2-5 of the Rules, surveyors are to confirm at periodical surveys that asbestos-free declarations and supporting documents are provided for any replaced or newly installed fittings, equipment, parts, etc.

“Guidance for diving systems” has been partly amended as follows:

## **Chapter 2 SURVEYS OF THE DIVING SYSTEMS**

### **2.1 General**

Paragraph 2.1.4 has been added as follows.

#### **2.1.4 Procedure for Tests, Wear and Tear, etc.**

With respect to 2.1.4-5 of the Rules, surveyors are to confirm at periodical surveys that asbestos-free declarations and supporting documents are provided for any replaced or newly installed fittings, equipment, parts, etc.

### **2.2 Registration Surveys**

Paragraph 2.2.1 has been amended as follows.

#### **2.2.1 Registration Surveys**

**1** The wording “the Society may approve other survey methods which it considers to be appropriate” in 2.2.1-1 of the Rules means survey methods which it considers to be able to obtain information equivalent to that obtained through traditional ordinary surveys and tests where the Surveyor is in attendance.

**2** With respect to 2.2.1-5 of the Rules, surveyors confirm the asbestos-free declarations and supporting documents specified in 2.2.2-2(9) of the Rules.

“Guidance for high speed craft” has been partly amended as follows:

## **Part 2 CLASS SURVEYS**

### **Chapter 1 GENERAL**

#### **1.1 Surveys**

Paragraph 1.1.1 has been added as follows.

##### **1.1.1 Registration Surveys**

With respect to 1.1.1-2, Part 2 of the Rules, surveyors are to confirm the asbestos-free declarations and supporting documents specified in 2.1.3-1(9), Part 2 of the Rules.

#### **1.2 Preparation for Surveys and Others**

Paragraph 1.2.5 has been added as follows.

##### **1.2.5 Procedure for Tests, Wear and Tear, etc.**

With respect to 1.2.5-4, Part 2 of the Rules, surveyors are to confirm at periodical surveys that asbestos-free declarations and supporting documents are provided for any replaced or newly installed fittings, equipment, parts, etc.

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

## **Part 2 CLASS SURVEY**

### **Chapter 1 GENERAL**

#### **1.1 Surveys**

Paragraph 1.1.1 has been amended as follows.

##### **1.1.1 Classification Surveys**

**1** With respect to **1.1.1, Part 2 of the Rules**, in cases where the regulations of **Part B of the Rules for the Survey and Construction of Steel Ships** are applied, the ship is to be considered to be not less than 500 *gross tonnage* even if ship is less than 500 *gross tonnage*.

**2** With respect to 1.1.1-3, Part 2 of the Rules, surveyors are to confirm the asbestos-free declarations and supporting documents specified in 2.1.3(7), Part 2 of the Rules.

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

## **Chapter 1 GENERAL**

Section 1.4 has been added as follows.

### **1.4 Preparation for Survey and Other Items**

#### **1.4.1 Procedure for Tests, Wear and Tear, etc.**

With respect to 1.4.1 of the Rules, surveyors are to confirm at periodical surveys that asbestos-free declarations and supporting documents are provided for any replaced or newly installed outfits, equipment, parts, etc.

## **Chapter 2 CLASS SURVEYS**

### **2.2 Classification Survey during Construction**

Paragraph 2.2.1 has been added as follows.

#### **2.2.1 Registration Surveys**

With respect to 2.2.1-2 of the Rules, surveyors are to confirm the asbestos-free declarations and supporting documents specified in 2.2.3-1(6) of the Rules.

“Guidance for floating docks” has been established as follows:

## **Chapter 2 CLASSIFICATION SURVEYS**

### **2.1 Classification Surveys during Construction**

#### **2.1.1 General**

With respect to 2.1.1-2 of the Rules, surveyors are to confirm the asbestos-free declarations and supporting documents specified in 2.1.2(2)(h) of the Rules.

### **2.4 Preparation for Surveys and Others**

#### **2.4.1 Preparation for Surveys and Others**

With respect to 2.4.1-6 of the Rules, surveyors are to confirm at periodical surveys that asbestos-free declarations and supporting documents are provided for any replaced or newly installed fittings, equipment, parts, etc.