

Unified Interpretation for Fire Test Procedures for Windows

Amended Guidance

Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use

Reason for Amendment

In 2006, IACS adopted IACS Unified Interpretation (UI) FTP4(Rev.1) related to the fire tests of windows intended to be installed in the forward bulkheads of the accommodation blocks of tankers. This UI clarifies that “heating surface” of such windows is the surface that will be on the external side of the bulkhead (i.e. the side not exposed to the accommodation block) after installation.

Since the UI had not been revised for quite a long period of time, IACS decided to review it to see whether it was still consistent with the current FTP Code. As a result of this review, IACS adopted UI FTP4(Rev.2) in November 2022 to revise the reference numbers contained therein.

Accordingly, relevant requirements are amended in accordance with UI FTP4(Rev.2).

Outline of Amendment

- (1) Specifies the details for the fire tests of windows intended to be installed in the forward bulkheads of the accommodation blocks of tankers with respect to the application of the 2010 FTP Code.
- (2) Amends the wording of relevant parts of the Guidelines for the Approval and Type Approval of Materials and Equipment for Marine Use that are applicable to non-Japanese-flagged ships in order to ensure that said wording is consistent with SOLAS.

“Guidance for the approval and type approval of materials and equipment for marine use” has been partly amended as follows:

Part 4 NON-METALLIC MATERIALS AND COATING MATERIALS FOR HULL

Chapter 1 APPROVAL OF FIRE PROTECTION MATERIALS

1.2 Definitions

1.2.13 FTP Code

1 “FTP Code” means as defined in 3.2.23, Part R of the Rules.

2 In applying the FTP Code, the following requirements are to be complied with:

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

(2) Section A.I/2.2 of APPENDIX 2, PART 3, ANNEX 1 to the FTP Code

Windows intended to be fitted in the forward bulkheads of the accommodation block of tankers are to correspond to prototypes subject to the “A” class standard fire test with the fire against its external side. The insulation of the bulkhead used along with the window’s specimen is to be fitted on the unexposed face of the structural core.

**Annex 2 PROCEDURES FOR PROTOTYPE TESTS FOR TYPE APPROVAL
AND PRODUCTION TESTS FOR RESCUE BOATS**

**Chapter 1 PROCEDURES FOR PROTOTYPE TESTS FOR TYPE APPROVAL
OF RESCUE BOATS**

1.2 Strength and Performance Tests

1.2.1 Rigid Rescue Boats [7.1]

13 Other Performance Tests

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

(1) ~~Retrieval Test~~ Bringing of Stretchers into the Lifeboats

A retrieval test is to be carried out in accordance with **1.2.11-1** “Other Performance Test - ~~Retrieval Test~~Bringing of Stretchers into the Lifeboats” of **Annex 1** “Procedures for Prototype Tests for Type Approval and Production Tests of Lifeboats”.

1.2.2 Inflated Rescue Boats [7.2]

19 Other Performance Tests

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

(1) Bringing of Stretchers into the Rescue Boats

A test for the bringing of stretchers into the rescue boat is to be carried out in accordance with **1.2.11-1** “Other Performance Tests - ~~Retrieval Test~~Bringing of Stretchers into the Lifeboats” of **Annex 1** “Procedures for Prototype Tests for Type Approval and Production Tests of Lifeboats”.

1.2.3 Combined Rescue Boats

19 Other Performance Tests

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

(1) ~~Test for~~ Bringing of Stretchers into the Rescue Boats

A test for the bringing of stretchers into the rescue boat is to be carried out in accordance with **1.2.11-1** ~~(2)~~ “Other Performance Tests - ~~Retrieval Test~~Bringing of Stretchers into the Lifeboats” of **Annex 1** “Procedures for Prototype Tests for Type Approval and Production Tests of Lifeboats”.

1.2.4 Rigid Fast Rescue Boats [7.4]

14 Other Performance Tests

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

(1) ~~Retrieval Test~~ Bringing of Stretchers into the Lifeboats

A retrieval test is to be carried out in accordance with **1.2.11-1** “Other Performance Test - ~~Retrieval Test~~Bringing of Stretchers into the Lifeboats” of **Annex 1** “Procedures for Prototype Tests for Type Approval and Production Tests of Lifeboats”.

1.2.5 Inflated Fast Rescue Boats [7.5]

19 Other Performance Tests

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

(1) **Bringing of Stretchers into the Rescue Boats**

A test for the bringing of stretchers into the rescue boat is to be carried out in accordance with **1.2.11-1** “Other Performance Tests - ~~Retrieval Test~~Bringing of Stretchers into the Lifeboats” of **Annex 1** “Procedures for Prototype Tests for Type Approval and Production Tests of Lifeboats”.

1.2.6 Combined Fast Rescue Boats [7.6]

19 Other Performance Tests

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

(1) ~~Test for~~ **Bringing of Stretchers into the Rescue Boats**

A test for the bringing of stretchers into the rescue boat is to be carried out in accordance with **1.2.11-1** “Other Performance Tests - ~~Retrieval Test~~Bringing of Stretchers into the Lifeboats” of **Annex 1** “Procedures for Prototype Tests for Type Approval and Production Tests of Lifeboats”.