

IGC Code (Materials)

Amended Rules and Guidance

Rules for the Survey and Construction of Steel Ships Part N
Guidance for the Survey and Construction of Steel Ships Part N

Reason for Amendment

Although various parts of the International Code for the Construction and Equipment of Ships Carrying Liquefied Gases in Bulk, the IGC Code, have been reviewed and revised over the years since the code was adopted in 1983, the entire code itself has never undergone a comprehensive review. The IMO, therefore, decided to carry out such a review in order to take into account the latest technology advancements and to increase the safety of the structures and equipment used on ships. As a result, amendments to the Code were adopted as resolution MSC.370(93) at the 93rd Session of the IMO Maritime Safety Committee (MSC93) held in May 2014.

Therefore, relevant requirements were amended in accordance with the resolution MSC.370(93).

More specifically, the aforementioned amendments to the IGC Code related to materials had to primarily do with the addition of specifications for new materials such as F grade steels, and the deletion of requirements related to now obsolete test procedures and tank types.

Outline of Amendment

The main contents of this amendment are as follows:

- (1) Specified the definition of “F grade steel” as well as general definitions for “lot”, “heat treatment”, etc.
- (2) Deleted requirements related to drop weight testing, which was an alternative to Charpy V-notch testing.
- (3) Deleted requirements related to the internal insulation of tanks.
- (4) Amended requirements related to metallic materials, such as their chemical composition, etc.