

# **Relief Valves used for Ships Carrying Liquefied Gases in Bulk**

## **Amended Guidance**

Guidance for the Survey and Construction of Steel Ships Part N

## **Reason for Amendment**

Requirements related to cargo and process piping for ships carrying liquefied gases in bulk are specified in IACS UR G3. These requirements have already been incorporated into the NK rules.

IACS conducted a review of the requirements related to prototype testing and product inspection in the aforementioned UR and decided that since relief valves are different in intended purpose from other valves it was not logical for them to be subject to same testing and inspection requirements as all other valves. As a result, in January 2013, IACS adopted IACS UR G3 (Rev.5) which partly eases the requirements related to the leakage tests for relief valves.

Accordingly, related requirements are amended based upon IACS UR G3 (Rev.5). In addition, requirements related to relief valves currently in the NK Rules are consolidated into a single chapter in order to make them easier to find and understand.

## **Outline of Amendment**

- (1) Amended the test conditions of the leakage tests required during prototype testing and product inspections.
- (2) Deleted requirements for leakage tests at low temperatures required for product inspections of cryogenic valves.
- (3) Consolidated requirements related to relief valves specified in Chapters 5 and 6 of Annex 1 “Guidance for Equipment and Fittings of Ships Carrying Liquefied Gases in Bulk” into Chapter 6.