

Unified Interpretations of Valves, Level Gauges for Cargo Tanks and Pressure Relief Systems Specified in the IGC Code

Amended Guidance

Guidance for the Survey and Construction of Steel Ships Part N

Reasons for Amendment

The IGC Code (The International Code for the Construction and Equipment of Ships Carrying Liquefied Gases in Bulk) was thoroughly amended by Resolution MSC.370(93) in May 2014 and these amendments have already been incorporated into the ClassNK Rules.

After the above amendments, IACS adopted IACS Unified Interpretation (UI) GC26 in October 2018 so as to clarify relevant requirements for type tests of the valves specified in the IGC Code. In addition, IACS also adopted UIs GC27 and GC28 in December 2018 so as to clarify relevant requirements for the maintenance of level gauges for cargo tanks and for the capacities of pressure relief systems of interbarrier spaces.

Accordingly, relevant requirements were amended in accordance with UIs GC26, GC27 and GC28. For the requirements specified in the UI GC28, though they had already been incorporated into the ClassNK Rules, relevant provisions were relocated so as to make their respective numbering consistent with that used in UI GC28.

Outline of Amendment

- (1) Specified who (e.g. the Administration, the Society, or the manufacturer) is to certify the flow or capacity of valves during their type tests.
- (2) Specified that any part of the level gauge (except for passive parts) can be overhauled without the need to gas-free the tank in cases where only one (1) level gauge is fitted.
- (3) Relocated provisions relating to pressure relief systems of interbarrier spaces so as to make their respective numbering consistent with that used in the UI.

Amended Requirements

Guidance for the Survey and Construction of Steel Ships
Part N: N5.13.1, N8.1.1, N8.2.2, N13.2.2