

Product Inspections for Valves Used on Ships Carrying Liquefied Gases in Bulk

Amended Guidance

Guidance for the Survey and Construction of Steel Ships Part N

Reason for Amendment

IACS Unified Requirement (UR) G3 specifies requirements related to the cargo and process piping used on ships carrying liquefied gases in bulk. These requirements have already been incorporated into ClassNK Rules.

UR G3 specifies that valves used for cargo piping, etc. are to be subjected to product inspections such as hydraulic tests in the presence of a surveyor. IACS, however, reviewed the requirements related to the presence of a surveyor at product inspections in order to consider the differences in the severity of the usage environments where such valves are used.

As a result, IACS decided to amend the relevant requirement so that product inspections for valves which are fitted to small diameter pipes used for measuring instruments do not need to be performed in the presence of a surveyor provided that the soundness of such valves is verified by in-house inspections instead.

This revision was adopted as UR G3(Rev.6) in January 2016.

Accordingly, relevant requirements were amended in accordance with IACS UR G3(Rev.6).

Outline of Amendment

Specified that product inspections for valves which are fitted to piping with diameters not exceeding 25 mm used for measuring instruments do not need to be performed in the presence of a surveyor provided that the results of in-house tests are submitted to the Society for review.

Amended Requirements

Guidance for the Survey and Construction of Steel Ships
Part N: 5.1.1, 5.3.2