

Air Pipe Automatic Closing Devices

Amended Guidance

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

Reason for Amendment

IACS UR P3 specifies requirements, such as structural requirements, related to air pipe automatic closing devices fitted onto upper decks. These requirements have already been incorporated into the ClassNK Rules.

UR P3 specifies that the inner and the outer chambers of an automatic air pipe head are to be of a minimum wall thickness of 6 mm in order to mitigate the effects of erosion. IACS reviewed UR P3 in order to clarify the scope of its requirements because it was not clear whether they also applied to side covers fitted onto air pipe automatic closing devices.

As a result, IACS decided to amend the relevant requirement to specify that it is to apply to side covers in cases where the covers contribute to the functions of air pipe automatic closing devices, such as preventing the free entry of water into tanks. This revision was adopted as UR P3(Rev.4) in January 2016.

Accordingly, relevant requirements were amended in accordance with IACS UR P3(Rev.4).

Outline of Amendment

Specified that the wall thicknesses of covers fitted onto the sides of air pipe automatic closing devices are to be more than 6 mm in cases where the covers are integral to proper functioning of the devices.

Amended Requirements

Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use
Part 2.4.2