

The Insulation of Ducts at Bulkhead Penetrations

Amended Guidance

Guidance for the Survey and Construction of Steel Ships Part R

Reason for Amendment

ClassNK Rules specify details regarding the penetration of bulkheads or decks by pipes and ducts in the Annex of the Guidance for the Survey and Construction of Steel Ships Part R. In the case of pipes penetrating decks or bulkheads, in the same way as specified in MSC/Circ.1120, it is only required that such pipes be insulated on just one side of the deck or bulkhead. However, in the case of ducts that penetrate decks or bulkheads, it is required that such ducts be insulated on both sides of the deck or bulkhead.

After conducting a review on the penetrations of ducts, the Society decided that only one side of penetrations of ducts need to be insulated in cases where no fire damper is required. Therefore, all relevant requirements regarding the details of the insulation for ducts at bulkhead penetrations have been amended.

Outline of Amendment

This amendment has specified that ducts may be insulated on only one side of any penetrations of bulkheads or decks except in cases where fire dampers are required.