

Subject

Treatment of bulkheads or decks having airborne sound insulation properties within accommodation spaces

ClassNK

Technical Information

No. TEC-1029

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To whom it may concern

In the CODE ON NOISE LEVELS ON BOARD SHIPS (MSC.337(91)) which has been mandatory since 1 July 2014, bulkheads and decks within accommodation spaces are required to comply with the paragraph 6.2, Chapter 6 of the CODE. Weighted sound reduction index "Rw" of the bulkheads and decks is required to be measured at a laboratory complying with ISO10140-2:2010 and to comply with reference values of the CODE.

In this regard, ClassNK carried out the Joint Research in 2014 and confirmed that weighted sound reduction index "Rw" of steel plates of a thickness not less than 6mm is more than 35 dB.

Having verified the test results, ClassNK decided to treat bulkheads and decks including steel plates, regardless of their manufacturer and composition, of thicknesses not less than 6mm as having 35 dB of weighted sound reduction index "Rw" required to "Cabin to Cabin".

For any questions about the above, please contact:

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