

**FTP
5**

(June
2010)

Testing and approval of “A” class divisions – fastening of insulation material and details of joints (IMO Res. A.754(18) / IMO FTP Code Part 3)

Regulation

IMO Res. A.754(18) item 1.6 / IMO FTP Code Part 3 Appendix 1 item 1.12 reads:

“The construction to be tested should be, as far as possible, representative of that to be used on board ships, including the materials and method of assembly”.

IMO Res. A.754(18) item 7.5.1 / IMO FTP Code Part 3 Appendix 1 item 7.6.1 reads:

“Thermocouples shall be placed over all types of joints, both vertical and horizontal, and also at intersections between the joints”.

Interpretation

To demonstrate that the tested “A” class assemblies are representative of that used on board ships, the following details shall, as a minimum when applicable, be clearly indicated in test reports and included in type approvals:

- Type, thickness, density and number of layers of insulation material;
- Size, types, materials and fixing methods of pins and washers;
- Spacing between pins;
- Maximum spacing between pins and adjacent joints;
- Stepping of joints for multi-layers if applicable;
- Insulation and pinning details on and around stiffeners;
- Details of wire mesh, alu tape etc, if used in the test;
- The type approval test report shall contain the information required by 2.1.3, 2.2.3, 6.1 and 10.4 of resolution A.754(18);
- Type approval certificate shall refer to drawing numbers of the test sample.

Note:

This UI is to be uniformly implemented by IACS Societies for approvals issued in accordance with IMO FTPC Part 3 from 1 July 2011.

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