

IMO Certifications according to MED Directive 2014/90/EU, Module B & D



developme

research



IMO certifications for the Ship - building industry

Markets:

Entry into the attractive shipbuilding market for cruise ships, ferries and mega yachts etc. is associated with various security requirements, including in the area of fire protection. As a result, most manufacturers of products and innovative solutions are faced with extraordinary challenges and face an arduous and usually expensive market entry.

MICROSHIELD® specializes in the development and production of passive fire protection products and fire protection solutions for use in the maritime sector.

Accordingly, MICROSHIELD® holds certifications according to ISO 9001, EN 9100, ISO 14001 and module D according to Directive 2014/90 / EU on ship equipment and various certificates for its fire protection - products for use in IMO shipbuilding (module B). MICROSHIELD® products and solutions allow our partners to refine their products and thus certified use in these markets.

In addition to the MICROSHIELD® products and solutions, we therefore support our partners with our experience, our certificates and our processes in the specific certifications and in the equipment/manufacture of their products and solutions for the maritime sector.

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In the field of international shipping, the International Maritime Organization (IMO) determines and reviews the requirements criteria for all products used on ocean-going vessels as part of the SOLAS definitions (**Safety Of Live At Sea**). This includes ferries, cruise ships and mega yachts, depending on their size and their number of crew and passengers.

Objective:

Achieve a fast and cost-optimized market entry of your products and solutions for the shipbuilding industry through certifications according to:

- IMO/SOLAS - FTP Code 2010 requirements

On the following pages, please find outlined our proven procedure for the IMO certification of your products and the certified production processes required:

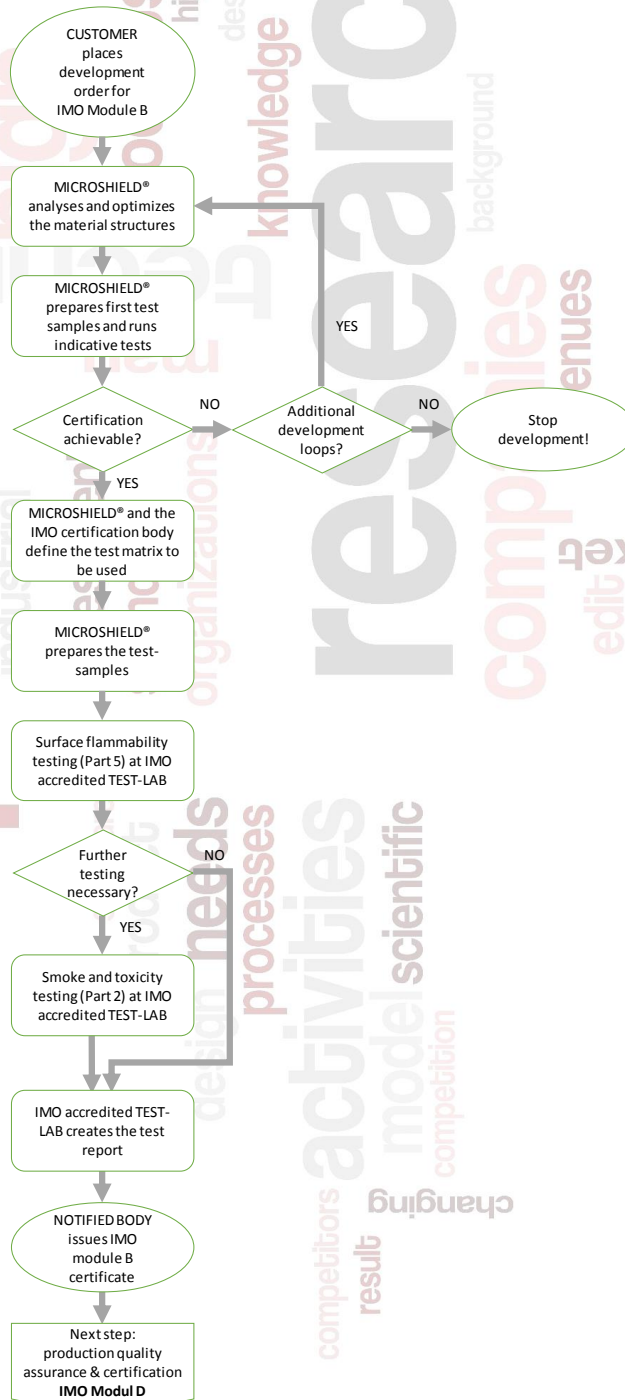
Procedure:

1. Consultation with one of our specialists for passive fire protection with product / solution and production certifications.
2. Common definition of the objectives and the associated, required certifications.
3. MICROSHIELD® to submit a detailed offer with a structured procedure, determination of the quality gates and the budget
4. Order placed with MICROSHIELD®
5. Customer provides MICROSHIELD® with the individual components and finished samples of its product structure for analysis and determination of certifiability.
6. Analysis of the product structure and determination of the status quo with regard to the achievability of the required certifications
7. Development of solutions for possible modifications or for the replacement of non-certifiable components.
8. First indicative fire tests according to certification specifications and analysis of the results
9. Joint decision on how to proceed
 - Material certification or
 - Implementation of additional adjustments necessary or further developments of your application / solution
10. Examination of the structure / material according to the specifications and requirements (fire tests, smoke and tox, etc.)
11. Product certification (Modul B)
12. Production certification (module D)
 - Support in the implementation of the production processes according to MED guidelines (requirements, specifications, quality system, etc.)
13. Ensuring of the conformity and continuity of the certificates through training, documentation of production processes and through carrying out the required initial and periodic audits.

It couldn't be easier, safer and more efficient ... just talk to us

Flow chart development of IMO - conform products by MICROSHIELD®

IMO Modul B



IMO Modul D

Your MICROSHIELD® expert is pleased supporting you