Southwest Research Institute® (SwRI®) is a leader in fire resistance and material flammability testing for compliance with the International Maritime Organization (IMO) Resolutions.

SwRI is recognized as an independent testing laboratory and quality assurance agency by the U.S. Coast Guard and accepted by Det Norske Veritas, Lloyd's Register of Shipping, the American Bureau of Shipping, and other classification societies.

**Type Approval Process**
SwRI provides third-party quality assurance and follow-up inspection services and testing for marine product approvals to meet U.S. Coast Guard and IMO Fire Test Procedure (FTP) Code requirements. Products in good standing in SwRI's program are listed in SwRI's Directory of Listed Products (www.swri.org/listing-labeling).

**Flame spread testing per Part 5 of Annex 1 of the IMO FTP Code**

**Production and Quality Control System Audit**

**Qualification Testing**

**Type Approval**

**Follow-Up Inspections and Indicative Testing**

*SwRI provides inspection services in support of “type” or “case-by-case” approvals*
IMO FTP Code – International Code for Application of Fire Test Procedures
SwRI has the facilities and personnel required to perform testing in accordance with parts of the IMO FTP Code Annex 1:

Part 1 – Non-combustibility Test
Part 2 – Smoke and Toxicity Test
Part 3 – Test for A, B and F Class Divisions
Part 4 – Test for Fire Door Control Systems
Part 5 – Test for Surface Flammability
Part 6 – Test for Primary Deck Coverings
Part 7 – Test for Vertically Supported Textiles and Films
Part 8 – Test for Upholstered Furniture
Part 9 – Test for Bedding Components

IMO International Code of Safety for High Speed Craft (HSC Code)
SwRI performs the following tests for fire-restricting materials:

ISO 9705 Room Corner Test
ISO 5660 Cone Calorimeter

USCG Guidelines for Fire Performance of FTP Gratings
Material Characteristic Test
Structural Fire Integrity Tests

We welcome your inquiries. For additional information, please contact:

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