

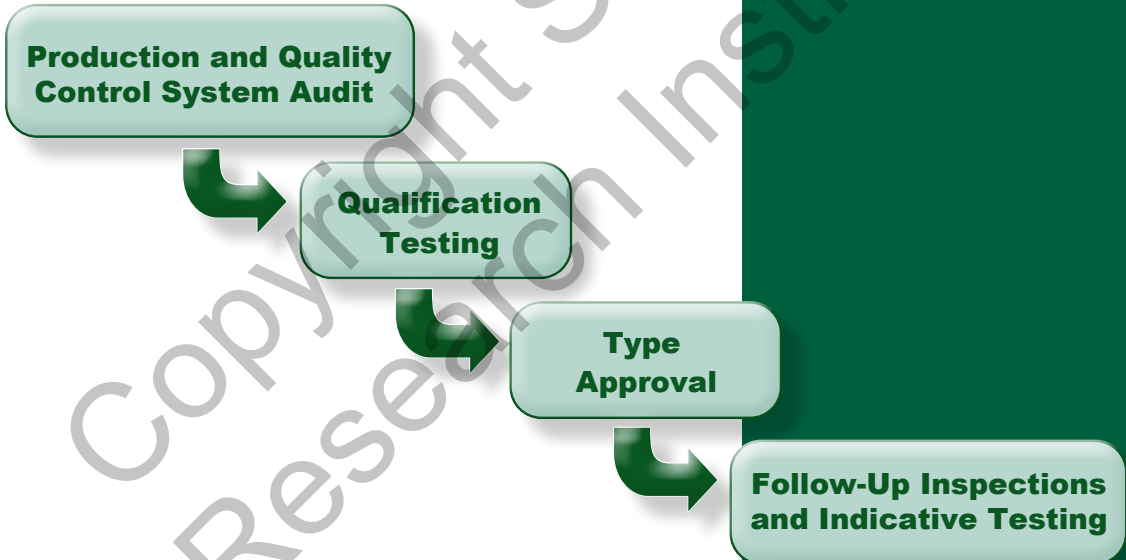
Fire Testing and Quality Assurance Services for Maritime Products

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 (listedproducts.swri.org).



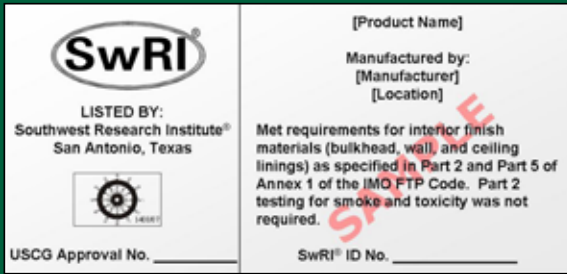
Flame spread testing per Part 5 of Annex 1 of the IMO FTP Code



SwRI provides inspection services in support of "type" or "case-by-case" approvals



Exceeding clients' expectations by providing world-class, innovative fire research, testing and product certification services



Typical SwRI label for interior surface finish materials

Accreditations and Approvals

The Fire Technology Department is ISO/IEC 9001:2008 Registered by NSF International Strategic Registration, Ltd. The Department is ISO/IEC 17020 and ISO/IEC 17025 accredited by International Accreditation Service (IAS) and accredited by the Occupational Health and Safety Administration (OSHA) as a Nationally Recognized Testing Laboratory (NRTL).



Southwest Research Institute is an independent, nonprofit, applied engineering and physical sciences research and development organization using multidisciplinary approaches to problem solving. The Institute occupies 1,200 acres in San Antonio, Texas, and provides more than 2 million square feet of laboratories, test facilities, workshops and offices for more than 3,300 employees who perform contract work for industry and government clients.



Benefiting government, industry and the public through innovative science and technology

Equal Opportunity Employer M/F/D/V
Committed to Diversity in the Workplace

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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