

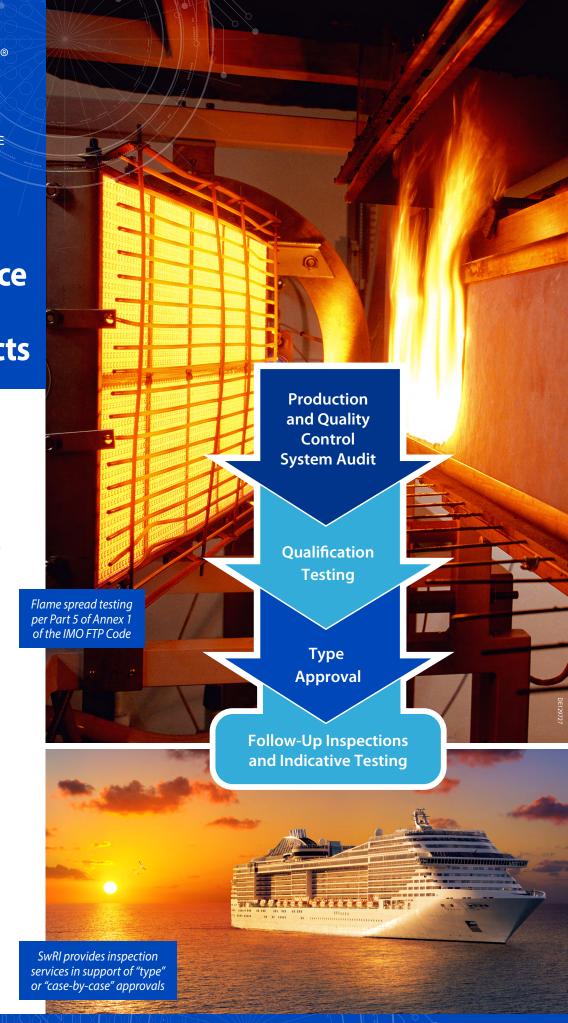
Fire Testing and Quality Assurance Services for Maritime Products

> 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 (www.swri.org/listing-labeling).





LISTED BY:
Southwest Research Institute®
San Antonio, Texas



USCG Approval No.

[Product Name]

Typical SwRI

label for

interior surface

finish materials

Manufactured by: [Manufacturer] [Location]

Met requirements for interior finish materials (bulkhead, wall, and ceiling linings) as specified in Part 2 and Part 5 of Annex 1 of the IMO FTP Code. Part 2 testing for smoke and toxicity was not required.

SwRI®	ID	No.	





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

**Accreditations** 

and Approvals

The Fire Technology

Department is ISO/IEC

9001 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).

# 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:

Julie Garcia Lead Quality Engineer 210.522.5832 julie.garcia@swri.org Fire Technology Department
Listing and Labeling Section
Chemistry and Chemical Engineering Division

fire.swri.org

#### SOUTHWEST RESEARCH INSTITUTE

Southwest Research Institute sa premier independent, nonprofit research and development organization. With eleven technical divisions, we offer multidisciplinary services leveraging advanced science and applied technologies. Since 1947, we have provided solutions for some of the world's most challenging scientific and engineering problems.

210.522.2122

ask@swri.org

©2024 Southwest Research Institute.
All rights reserved.
Designed & printed by SwRI MPS 01 0824 271325 tp