



SOUTHWEST RESEARCH INSTITUTE

# Fire Testing and Follow-Up Inspection

Southwest Research Institute (SwRI®) is a leader in fire resistance and material flammability testing and inspection for compliance with the Fire Test Procedures (FTP) Code and Resolutions adopted by the International Maritime Organization (IMO).

SwRI is recognized as an independent testing laboratory and inspection body by the U.S. Coast Guard (USCG) and accepted by various classification societies.

## Type Approval Certificate (TAC)

With SwRI's inspection services and testing to the IMO FTP Code, manufacturers obtain a formal Type Approval Certificate from the USCG.

## Wheelmark / MR A TAC

For specific marine equipment the Mutual Recognition Agreement (MRA) for Certificates of Conformity are parallel agreements the United States has with the European Union (EU), the European Free Trade Association (EFTA) countries, and the United Kingdom (UK). It is an indication of Marine Equipment Directive (MED) compliance.

*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*

On-site  
Assessment

Qualification  
Testing

Type Approval  
Certificate

Follow-Up Inspections  
and Indicative Testing

Advanced science. Applied technology.



## SwRI has the facilities and personnel required to perform testing and inspection in accordance with:

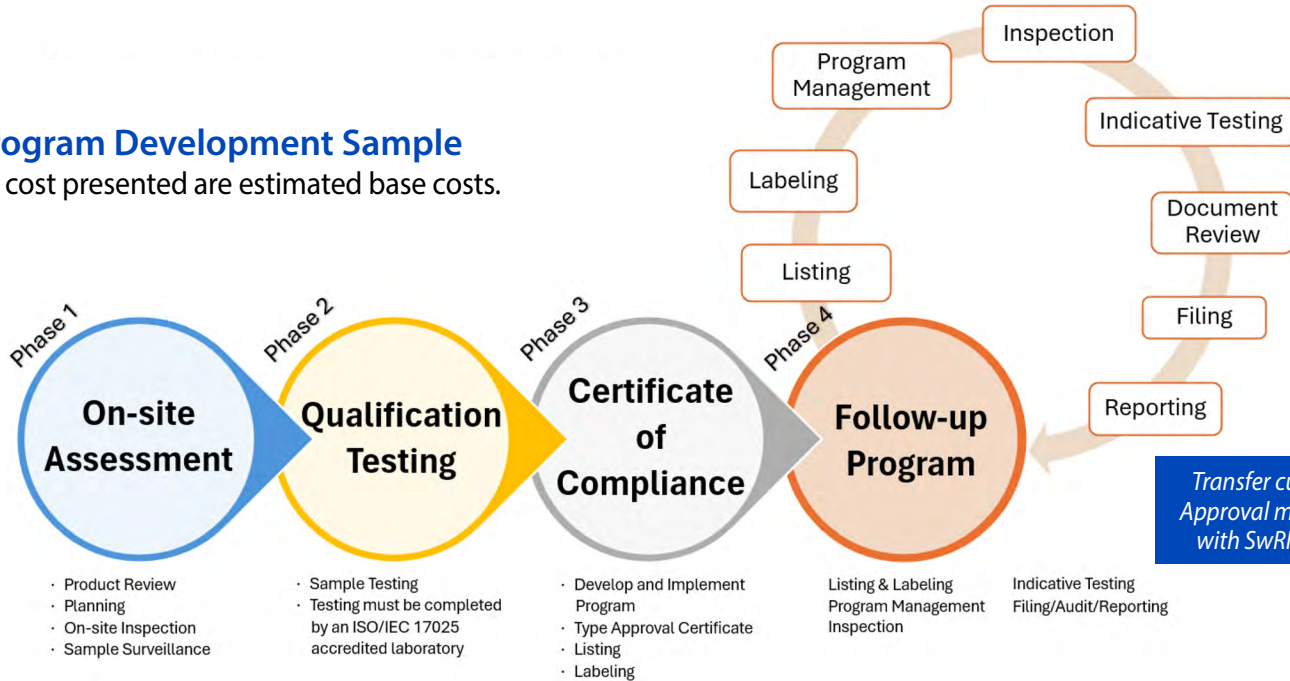
- IMO FTP Code
- IMO MSC Resolutions
- ISO 9705 – Room Corner Test
- ISO 5660 – Cone Calorimeter
- ASTM F3059 – Standard Specification for Fiber-Reinforced Polymer
- (FRP) Gratings Used in Marine Construction and Shipbuilding
- Additional Test Methods may be found at [swri.org/listing-labeling](http://swri.org/listing-labeling)





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

### Program Development Sample

All cost presented are estimated base costs.



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

 <b>LISTED BY:</b> Southwest Research Institute® San Antonio, Texas  USCG Approval No. _____	<b>[Product Name]</b>  <b>Manufactured by:</b> <b>[Manufacturer]</b> <b>[Location]</b>	<b>Typical SwRI label for interior surface finish materials</b>
	<b>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.</b>  SwRI® ID No. _____	

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Fire Technology Department  
Listing and Labeling Section  
Chemistry and Chemical Engineering Division

**fire.swri.org**

## SOUTHWEST RESEARCH INSTITUTE

Southwest Research Institute® is a 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

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