



## FIRE TESTING FOR RAILWAY AND MARINE SECTORS

### WHO IS CONCERNED?

- Suppliers of materials, products and systems for marine and railways industry
- Designers of systems and sub-systems
- Operators

### IN DETAILS, FOR RAILWAYS

- All fire tests according to EN 45545-2 and -3 (reaction-to-fire and fire resistance)
- Compliance of FCCS (Fire containment and control systems) according to CEN TR 17532
- Analysis of product requirements, definition and optimization of test campaigns
- Preparation of TSI's justification of performance (fire safety only)
- Safety demonstrations for EN 50553 running capability standard

Participation to CEN TC256 WG1  
(Fire safety and national Mirror committees)

### SOME TEST MEANS

- Cone calorimeters (ISO 5660-1, EN 45545-2, AFAP-5)
- Radiant panel (ISO 5658-2, EN 45545-2, FTP Code part 5, etc)
- Smoke chamber coupled with FTIR (ISO 5659-2, EN 17084, FTP Code part 2, etc)

### OUR OFFERINGS

- Complete set of fire tests requested by marine and railways regulations
- Definition of test campaigns, analysis of products
- Pre-compliance reports, e.g. regarding EU 2016/797 interoperability directive
- Fire safety engineering

### IN DETAILS, FOR MARINE (CIVIL AND NAVY)

- All tests according to IMO MSC 307(88) FTP code 2010, parts 1,2,3,4,5,10,11
- All tests according to NATO STANAG 4602 (AFAP 1 to 5)
- Plastic and composite pipes tests according to IMO resolution A753(18)
- Fire suppression tests as in IMO A800 and other fire suppression resolutions from FSS Code
- Lifeboat fire tests such IMO MSC 1006

Participation to IMO SDC and SSE subcommittees  
Management of some national mirror committees

- Tube furnace (NF X 70-100, EN 17084, AFAP-3)
- Calorimeters (e.g. seats according to EN 16989)
- Fire resistance furnaces (14 furnaces in total)

Our tests are covered by our ISO 17025 accreditations.

Our accreditation scopes are available on the COFRAC, UKAS, RvA and TÜRKAK websites.



Fire Behaviour Agreement  
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