BUILDING MATERIALS

UL's Combined Fire Door Testing Service for European, US and British Markets

UL Can Certify Fire Doors & Building Hardware to UL, EN and BS Standards in One Process Saving Time to Market and Initial & Ongoing Costs

Meet your global market access testing and certification needs and save costs and time to market when conducting a combined fire resistance test with UL. Utilising UL's network of state-of-the-art test facilities, you have the ability to combine testing and certification to UL, EN and BS standards. UL's unique ability to offer global certification solutions allows global market access for your products to become a reality.

The UL Mark

The UL Mark is the most widely recognised and accepted evidence of a product's compliance with U.S. and Canadian safety requirements. To consumers, installers, code and regulatory authorities, the UL Mark is North American's most valued product safety symbol. Fire doors and door hardware carrying the UL Mark reflect compliance to relevant UL safety requirements and show compliance with US based building codes.

CE Marking

As a Notified Body to the Construction Products Regulation (EU) No 305/2011, UL UK can evaluate fire doors and fire door hardware to applicable EN standards and issue the CE Certificate of conformity. For doors and door hardware to be sold in Europe, the CPR requires that products demonstrate conformity to EN standards through type testing. A combined UL/EN test can be used as that 'type test'. In addition, product manufacturers must use a Notified Body who should be involved in product testing and on-going inspection of the manufacturer's FPC systems. UL can cater for all of these needs whilst at the same time addressing the requirements for the UL Mark.

British Standards

Despite the increasing adoption of European Standards, some countries and bodies still require 'approval' based upon British Standards (BS). These countries include the UK as well as countries within the former British Empire. For this reason, UL can include the requirements of the BS standard within the combined fire resistance test, as needed.

UL Can Test to UL, EN and BS Standards in One Test All Contributing to Quicker Certification.

A Single Combined Fire Resistance Test

UL can conduct a single combined fire resistance test that includes critical requirements of the UL, EN and BS test standards. UL's expertise in fire door testing includes recognised engineers from UL, EN and BS standards backgrounds and relevant standards writing committees. UL's experts created a single, combined test method that caters for all needs to assess compliance with all critical requirements including:

- UL – includes specific requirements in UL10C including e.g. the hose stream test.

- EN – includes additional requirements e.g. unexposed face thermocouple positioning and attention to furnace pressure.

- BS – BS test method addressed via the adoption of the EN standard subject to an expert judgement prior to and after the testing.

For more information please contact your local sales team or visit ul.com/fire

Suitable Products

The combined fire resistance test method is suitable for fire resisting doors that are intended to demonstrate compliance with one or more of the following standards:

• UL 10B

• UL 10C

• EN 1634-1

• BS 476: Part 22: 1987

• ISO 3008

The test may also be used to demonstrate the fire resistance performance of building hardware.

• Locks, door closers, hinges – The fire test should be used with the appropriate mechanical performance test to obtain an overall performance 'approval' for the element of hardware. UL's Notified Body can also assist to achieve a CE mark.

• Door frame and/or the glazed aperture – A 'stand-alone' approval may not be possible but the fire test evidence can be used to supplement other test evidence to enable a fuller approval – to any of the three mentioned test standards.

Value in testing with UL

By using the combined test method with UL you gain the benefit of performing a single test for all your fire resistance needs, allowing you to:

• Increase your profitability
  – Combined testing allows you to compete more economically
  – Show compliance with more global Standards

• Save time and speed to market
  – There's no need to involve multiple testing/certification bodies in project planning and surveillance visits. UL does it all
  – The option to test with one organisation can result in the fastest route to certification and the marketplace

• Save money
  – The option to test with one organisation, in one combined test can lower travel and shipping expenses and reduce your market entry costs
  – One set of engineers with knowledge of both UL and European standards permits testing compliance to both sets of standards
  – One source for testing reduces costs associated with potential test redundancies and delays

• Enhance your product design efficiencies
  – UL expertise and efficiency in testing can isolate compliance problems quickly so product redesign – and acceptance – can occur on a faster track

With its century-long reputation in the testing and certification arena, UL offers:
  – Worldwide testing and certification leadership
  – State-of-the-art testing facilities
  – Highly experienced technical experts knowledgeable in UL and European standards
  – A competitive price and an unsurpassed commitment to quality
  – Comprehensive, global Follow-Up Service for ongoing Product Quality Assurance

• Recognition in UL's On-line Certification Directory
  – UL's on-line certification directory is the one, true go-to source used by your customers to select products