



Product Certification Q-Mark Fire Door Manufacture

A fire door is a life safety product designed to prevent the spread of fire and smoke throughout a building and protect escape routes. There is a legal requirement for manufacturers of fire doors to provide proof of the ability of their products to resist the spread of fire, through the provision of test evidence. However, this evidence relates to a product sample tested at a particular point in time and it does not necessarily guarantee that every product will be produced to the same quality as that originally tested. A variation in quality can have a direct impact on a fire door's ability to perform as required.

A fire door is a complex product specifically designed to prevent a fire (at up to 1000+ degrees celsius) passing from one side of a compartment line to the other. To ensure that a fire door will work, before it can be legally placed onto the market the manufacturer must firstly install their product in a test rig, which will then be fire tested under controlled conditions.

Once tested, the fire door must be manufactured to the same configuration as that originally tested, or in line with the approved extended scope. If there is a change to the specification or the method of manufacture, there will be doubt as to whether the fire door will work as intended during a fire. Third party certification provides the reassurance that the ongoing product is produced to the exact same specifications and quality to that originally tested.

What is the BM TRADA Q-Mark Fire Door Manufacture Scheme?

The scheme is designed to ensure that fire doors are consistently manufactured to the same specification and standard to that originally tested. This is achieved via a programme of periodic audit visits to the manufacturing plant and periodic audit testing of sample fire doors taken from the production line.

The scheme also provides to the building owner/Responsible Person a means of identifying that the door is certified, via the use of plastic plugs denoting the period of fire resistance, the approval of elements including intumescent and glazing and whether the doorset has been installed by a company certified under a third party certified installation scheme such as that operated by **BM TRADA**.

What are the benefits?

The scheme provides:

Reassurance to building owners, specifiers and the 'Responsible Person' that the fire doors they specify will prevent the spread of fire and smoke throughout the building and protect escape routes.

Enables manufacturers to gain a competitive advantage over non-third-party certified fire door manufacturers.

Enables manufacturers to tender for the increasing number of projects that specify third party certified fire doors.

Helps generate additional business for fire door manufacturers as third party certification enhances their reputation for quality.

How to achieve certification

01 Application

Obtain a quote from us then submit your application accepting the quote.

02 Certification Process

In order to become certified under the scheme, a door manufacturer must successfully complete the following process:

- Satisfy initial type testing requirements
- Produce written product specifications
- Produce written installation instructions
- Satisfy factory production control requirements
- Undergo an initial factory audit
- Satisfactorily resolve any non-compliance issues

03 Certification

On completion of step two (and closure of any identified non-conformities) certification is granted by **BM TRADA**. You will be issued with a certificate and certification marks to demonstrate and promote your certification.

Certification is valid for three years and is maintained through a programme of periodic factory audits, periodic audit testing of the product and a recertification audit in the third year before the certification expires.

Additional services include:

Certification

- Acoustic Window Scheme
- Enhanced Security Doors Scheme
- Enhanced Security Windows Scheme
- Fire Door Installation Scheme
- Fire Door Maintenance Scheme
- Fire Stopping Installation Scheme
- Window & Doorset Survey & Installation Scheme
- Competent Person Scheme

Testing

- Acoustics
- Durability
- Fire
- Security
- Thermal
- Weather

Training

- Fire Doors Explained
- Fire Protection Measures

Why BM TRADA?

Choosing **BM TRADA**, a British based company with a global presence, means you are working with a major international certification body with a wide scope of UKAS accredited certification schemes and an impressive record in management systems, factory production control, supply chain and product certification.

Our industry expertise and the standard of our services have helped us deliver certification to businesses in 70 countries around the world.

We pride ourselves on being approachable and responsive, and on offering clear, transparent pricing with no hidden costs.

Making us your certification partner means you are joining the increasing number of organisations around the world choosing **BM TRADA** for their certification. You won't see a different face every time. You will have a designated auditor who understands your business.



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