



# **BSI:** Your testing and certification partner for excellence.

Testing and certification for fire protection, suppression and installation systems.

**bsi.**

...making excellence a habit.™



# Introduction

At BSI we have a full range of testing and certification services to enable you to bring your products to market effectively. We are independent of all product suppliers, installers and manufacturers, so we can guarantee a confidential and impartial service, and provide you with reliable objective guidance.

Use BSI to help you independently demonstrate compliance of your new and innovative products or services. Gain CE marking, BSI Benchmark and BSI Kitemark as your passports to new markets and opportunities.

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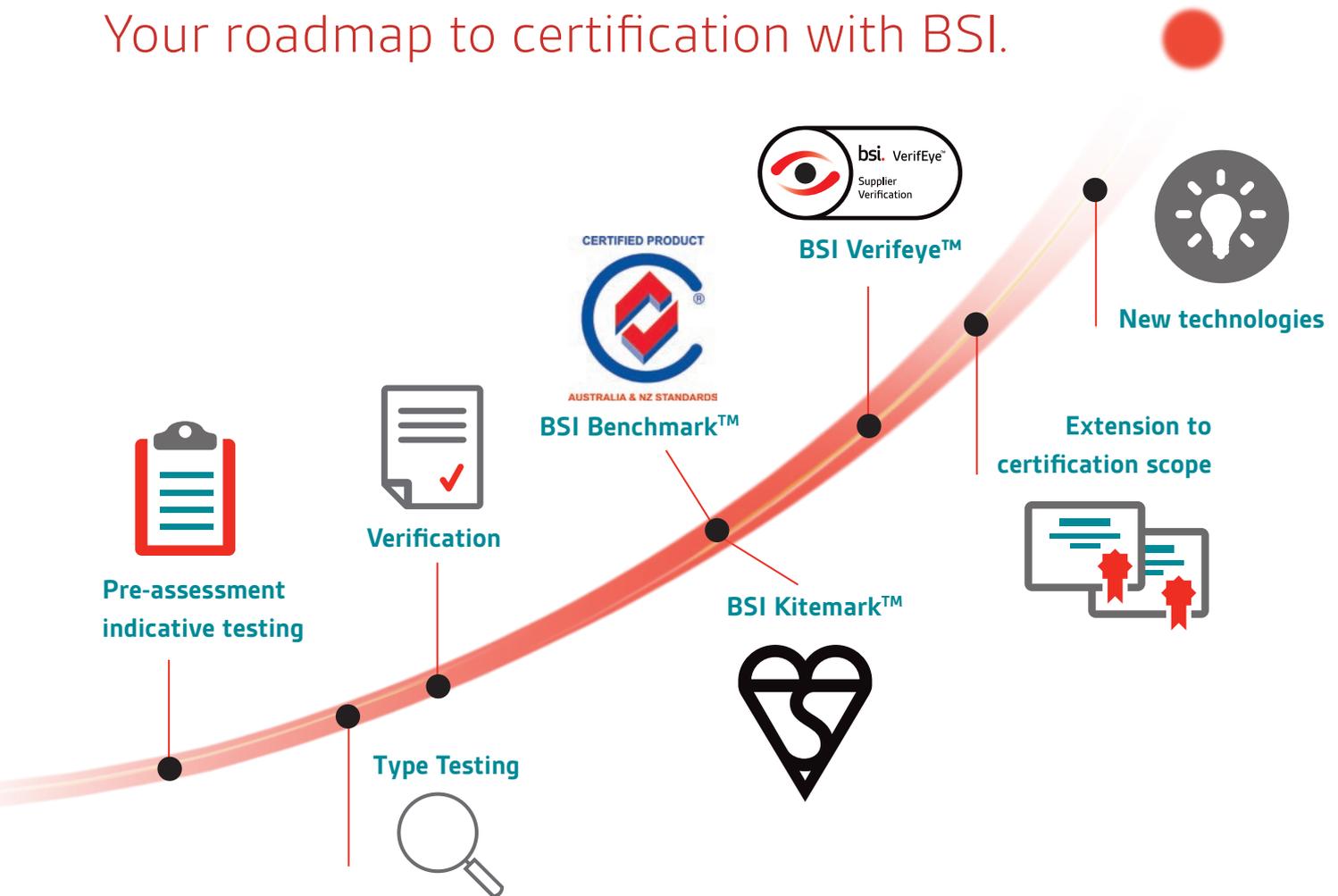
We have been testing fire products since 1960. As a **UKAS and JAS-ANZ Accredited Certification Body**, we have the expertise and integrity to independently endorse your product development, your credentials and your brand. Plus with our Notified Body status for specific Directives and Regulations, we're committed to helping you meet and demonstrate compliance to the relevant standards and legislation. We focus on delivering a testing and certification partnership underpinned by quality, safety, reliability and accuracy aligned to your product development requirements.

## Where are you on your journey?

We have a full suite of testing services for you to choose from, to help you get your products to market. Plus if you are developing new products, talking to our experts early in the development process can help you realise the full potential and commercial advantage of certification, with significant efficiencies and increased profits to be gained for your business. And with our global reach – with partner laboratories in Australia, UK, China, Middle East and Turkey for example, we can support your business locally.



# Your roadmap to certification with BSI.



## The steps you will take with BSI:

### Pre-assessment/indicative testing



We can help support your product development process to test your innovation as a more cost effective solution before you apply for third-party certification. Any non-conformities can be identified at an early

stage, reducing the need for re-testing during a formal compliance test.

#### **Your commercial advantage:**

Get your products to market more quickly. Investment at this stage could help you stay ahead of your competitors.

### Type Testing



Industry, national and international standards specify the tests required of the products they cover. Testing must be performed by appropriately accredited laboratories. Whether you are looking to test existing products against new standards or to test new products, BSI can guide you to the best test facility for your product.

#### **Your commercial advantage:**

BSI partners with its clients with their end goal in mind. Our industry experts provide guidance from start to finish - on sampling, test parameters and methods, report requirements and final assessment of the results to allow a more expedient transition through this stage.

### Verification



This scheme verifies aspects of any product, process or service through examination against the clients determined publically available

standard or specification. Verification does not require continuing surveillance and is an 'entry level' certification to support subsequent Benchmark or Kitemark certification.

## BSI Benchmark™ - enter the AU/NZ and International markets



BSI Benchmark™ is a registered certification mark that is highly recognized and respected as a symbol of quality and safety. A product bearing this mark indicates that BSI has conducted a rigorous audit of its manufacture and production, and symbolizes that the product complies with the appropriate Australian, New Zealand and/or International Standard.

BSI assigns a client care specialist to help you with the pre-audit information exchange and scheduling an appropriate

audit date. Our technical experts assist with testing and developing the audit scope. Qualified auditors complete the initial and annual assessments at your manufacturing plants and provide a prompt report of your status against the accreditation scheme.

### Your commercial advantage:

The BSI Benchmark™ is a powerful marketing tool which works around the world as a global passport to help you gain access to new markets.

## Kitemark™ - enter the EU market



If you want to trade within the European Economic Area (EEA) and your products must comply with the applicable national and ISO standards that apply.

Kitemark is a very highly regarded brand throughout Europe because it offers customers reassurance about the quality and safety of your products.

### Your commercial advantage:



**75%** of clients say BSI Kitemark helps them attract new customers



**65%** confirm BSI Kitemark helps to increase sales

## BSI Verifeye™

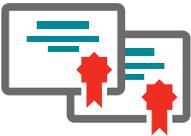


Turn your certification achievements into a trusted BSI VerifEye™ Profile weblink enabling you to promote the credentials of your organization in a transparent manner, ensuring trust, credibility and a real differentiation to your organization.

### Your commercial advantage:

This ensures trust, visibility and traceability of real supplier facilities, mitigating risks and protecting your corporate values. Your trusted BSI VerifEye™ profile weblink turns your certification into a positive marketing tool.

## Extending the scope of your certificates



If something has changed which needs to be reflected on your certificate, we can help. From a new location to a new

product or modification, we can help you make sure your products still comply, and your certificate is still valid.

## New technologies



Where new or adapted products are ahead of the curve, a relevant standard may not yet be available. We can still help. We can often use other specifications or technical documents, such as trade association specifications or what are known as Publicly Available Specifications (PAS's). As long as they are robust, developed by consensus and publically available, we can run a valid certification scheme to them.

We are also, where appropriate, able to combine clauses from specific standards in order to be able to offer third-party certification.

### Your commercial advantage:

You could be first to market, gaining a significant competitive edge. Combining this with BSI Benchmark certification could significantly boost confidence in your products.

## Our facilities

We offer a comprehensive range of testing and certification for over 90 different standards for BSI Benchmark, BSI Kitemark and CE marking, including on-site witness testing and integrated multi-assessments.

At our Centre of Excellence, we have facilities to undertake a wide range of testing on fire suppression equipment at our Hemel Hempstead Laboratories and have off-site facilities for fire testing. Our labs have a comprehensive range of equipment for testing fire detection panels, power supplies, detectors or various types, call points, sounders, visual alarm devices and line units. Our engineers can visit manufacturers premises or other independent laboratories to undertake work where this is convenient and suitable.

**Clients are welcome** to view the testing of their products, to meet with our technical engineers and experience testing first-hand to share with colleagues and technical teams. Plus if you wish to film the testing of your products for promotional or technical purposes, we are happy for you to choose this option\*.



\*an additional charge may apply

## Our fire testing portfolio

### Fire Suppression

#### Fire Brigade Equipment

##### Fire Hoses

- Construction Products Regulation
- BSI Benchmark & Kitemark

##### Fire Hydrants, Landing Valves, Breeching Inlets

- CE marking for underground and pillar fire hydrants
- BSI Benchmark & Kitemark

##### Portable Monitors

- BSI Benchmark & Kitemark

#### Fire Hose Reels

- Construction Products Regulation
- BSI Benchmark & Kitemark

#### Fire Hose Connectors

- BSI Benchmark & Kitemark



## Fire Extinguishers



We offer a complete testing package including on-site witness testing and integrated multi-assessment visits.

- CE marking for the following Directives:  
Pressure Equipment Directive (PED)  
Marine Equipment Directive (MED)
- BSI Benchmark and Kitemark for major Australia, New Zealand, British and European standards covering specific characteristics, fire performance, test methods, assembly, construction and pressure resistance. Covering portable and mobile fire extinguishers, aerosol fire extinguishers and liquid fire-extinguishing media.

## Fire Extinguishing Systems

Our BSI Benchmark certification covers the full Fire Extinguishing system rather than individual components although all the components and other associated equipment in the system must demonstrate conformity to relevant international Standards.

- BSI Kitemark to BS EN 15004-1 for the design and performance of the gas extinguishing system. This work is carried out either at the manufacturer's premises or at specialist test labs where the facilities comply with the Standard's fire performance requirements.

## Fire Blankets

- BSI Benchmark & Kitemark

## Fire Detection

### Alarm systems

Control and indicating equipment, power supplies and fire extinguishing panels

We offer full compatibility testing of the system (control panel devices) and CE marking for:

- Construction Products Regulation
- Electro Magnetic Compatibility
- Low Voltage Directive
- Marine Equipment Directive

We also offer testing to the **Marine Agency requirements**

- BSI Benchmark & Kitemark

### Line Units

- Construction Products Regulation (CPR)
- Electro Magnetic Compatibility (EMC)
- Low Voltage Directive (LVD)
- BSI Kitemark

### Manual Call Points

- Construction Products Regulation (CPR)
- Electro Magnetic Compatibility (EMC)
- Low Voltage Directive (LVD)
- BSI Benchmark & Kitemark



## Smoke and Heat Detectors

For multi criteria detectors combined testing can be undertaken

- Construction Products Regulation (CPR)
- Electro Magnetic Compatibility (EMC)
- Low Voltage Directive (LVD)
- BSI Kitemark

### Voice and Visual Alarms

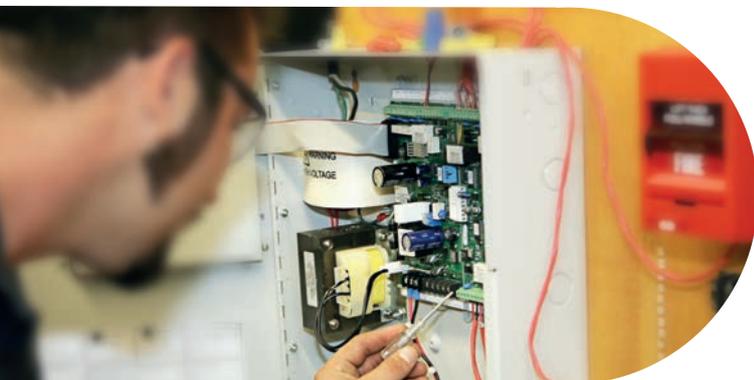
- Construction Products Regulation (CPR)
- Electro Magnetic Compatibility (EMC)
- Low Voltage Directive (LVD)
- BSI Benchmark & Kitemark

### Wireless Systems

- CE marking
- BSI Benchmark & Kitemark

## System installation

### Fire Alarm, Suppression and Emergency Lighting



- Certification is available for fire alarm systems, fixed fire fighting systems and for emergency lighting
- BAFA approval is available for design, installation and maintenance of these schemes
- BSI Benchmark & Kitemark

### Emergency Lighting

- CE marking
- ENEC mark for emergency luminaires
- BSI Benchmark & Kitemark

## Domestic alarms

### Domestic Heat/Smoke/CO Alarms



- CE marking against the standards can be complemented by full compliance testing under:
- Electro Magnetic Compatibility (EMC)
- Low Voltage Directive (LVD)
- BSI Benchmark & Kitemark

### Domestic Combination Alarms and Domestic Combustible Gas Alarms

For combination alarms, combined testing can be undertaken to the appropriate standards.

- BSI Benchmark & Kitemark

### Smoke Alarms for the Deaf and Hard of Hearing

These take on a number of forms; visual with the use of a beacon, or tactile in the form of a vibrating pad or pillow, or both.

- BSI Benchmark & Kitemark



# Transferring your certification to BSI

If you're looking to gain access to new markets and take advantage of our expertise, transferring your certification to BSI can reap real benefits.

Our certification managers, client managers, test engineers and business development managers have a thorough understanding of the testing and certification process

You'll be assessed by the most appropriately experienced professional, perfectly suited to your requirements

## Transferring your existing certification to us is very straightforward – just 4 simple steps.

1

### Contact us

Telephone or email us for a no-obligation review of your needs, and a written quotation. We operate with complete cost transparency for your peace of mind.

- Call us on: **1300 730 134**
- **info.aus@bsigroup.com**

2

### Apply

Send us your application together with:

- A copy of your current certificate and full scope
- Your latest assessment report\*
- Your latest audit test report
- A copy of your type test report\*\*
- We'll then send you a written quotation for your review

3

### Receive your certificate from BSI.

4

### Keep improving

We'll agree a programme of continuing assessment visits and audit testing to help you maintain your certification and continue to drive improvements for your business.

\* if carried out by an accredited body and not more than 6 months old

\*\* Your type test report should be preferably less than two years old. The work should be conducted by a reputable, accredited lab where we recognise the equivalence of the work they do matches with our own.

# Additional services

We help manufacturers around the globe by supporting claims of compliance for new and innovative products. You can also use our multiple certification solutions to make sure you have the resilience to be able to cope with growth and be prepared for future challenges. Companies choose our services to protect their supply chain, their data and their operations.

## Training from BSI experts

We offer one of the widest ranges of standards-related training available from quality management to managing your energy effectively. We don't just train you to meet standards – we help you to understand how to embed them into your organization.

We know what an auditor will look for – so we train you to meet it. We know the thinking behind the standard – so we can convey that to drive and inspire your people.

We have a team of expert tutors working across the world who can transfer the knowledge, skills and tools your people need to embed standards of excellence into your organization. They have vast amounts of training and assessment experience, and work across a wide range of business sectors.

For our full training courses please visit:

[bsigroup.com/en-au/training](https://bsigroup.com/en-au/training)

## Certification to Management Systems

With more than 80,000 certified clients and more full-time assessors than any other certification body worldwide, we are one of the largest and most experienced certification bodies. This means you'll get the most out of your assessment and certification with the least disruption and cost to your operations.

To discover certification for our management systems please visit:

[bsigroup.com/en-au](https://bsigroup.com/en-au)

## Entropy™

Web based business improvement software solution that helps companies of all shapes and sizes in improving visibility, enhancing performance and driving business growth. Comprised of two core modules Compliance Management and Knowledge Management as well as a mini compliance module Action Management. They function either independently or as a whole to help companies maximise their effectiveness in the areas of internal inspections, non-conformity management, document control, training & competency, management reviews, legal register, customer complaints, supplier assessments and the corrective action process.

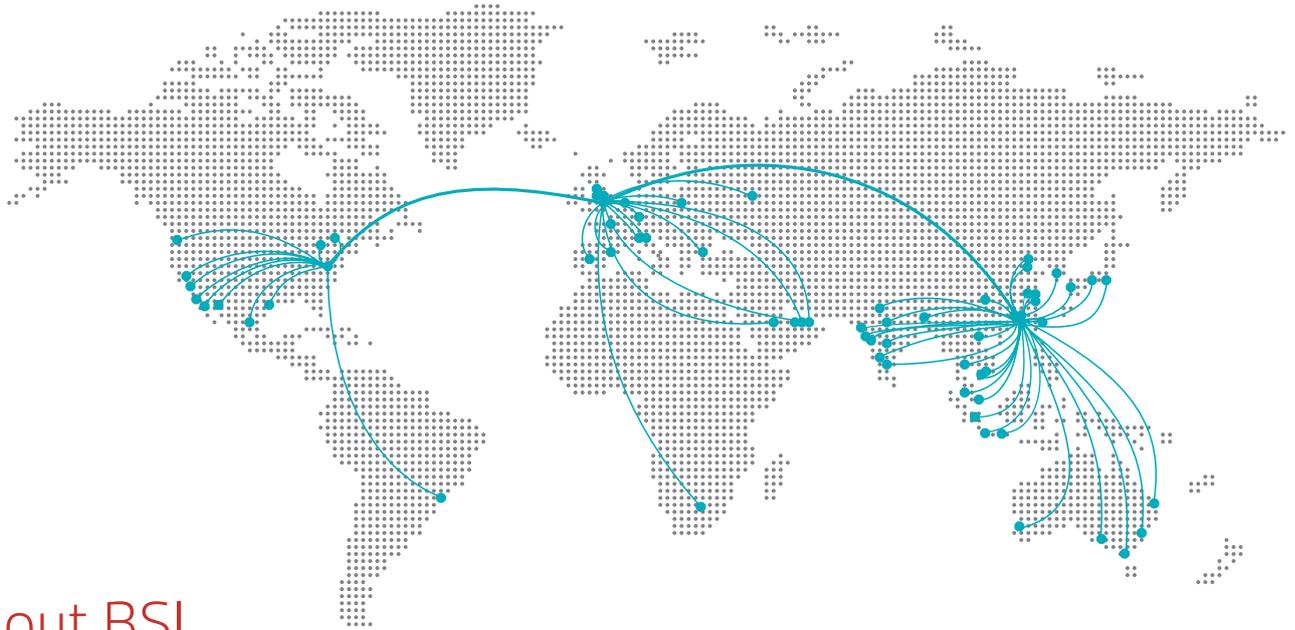
Benefits of the web based application include:

- Access 24/7 from anywhere with an internet connection.
- Single system visibility for staff and management, both locally and globally.
- Critical data at your fingertips. Being proactive than reactive.
- Reduce in time of chasing people up due to system automation, email notification and escalation.
- Streamlined efficient process where everyone is following the same way of doing things.
- Virtual extra member of staff where headcount and resource is at a premium.

For more information about Entropy™ please visit:

[bsigroup.com/en-au](https://bsigroup.com/en-au)





## About BSI

We are the business standards company that equips businesses with the right tools and solutions to turn best-practice standards into habits of excellence. With over 4,000 staff worldwide, we help our clients drive performance, manage risk and grow sustainably.

Founded in 1901 we were the world's first National Standards Body. Now over a century later, we're globally recognized as a champion in best practice. We have been and still are responsible for originating many of the world's most commonly used standards and publish nearly 2,700 standards every year. These standards are developed to address the most pressing issues of today. They also cover various industry sectors, including Aerospace, Automotive, Built Environment, Food, Healthcare, IT and Fire.

All our standards are underpinned by a collaborative and rigorous approach perfected over decades. We always work closely with industry experts, government bodies, trade associations, businesses of all sizes and consumers to develop standards that drive excellence.

We currently work with over 80,000 clients in 172 countries worldwide to help them adopt and cultivate continuous habits of best practice. We also train our clients and provide them with practical implementation guidance, as well as a comprehensive suite of compliance tools. And to ensure our clients get the very best service, we're also independently assessed and accredited globally by JAS-ANZ (Joint Accreditation System of Australia and New Zealand), ANAB (ANSI-ASQ National Accreditation Board) and 26 other accreditation bodies throughout the world, including UKAS (United Kingdom Accreditation Service).

Our reach is global and we play a key role within the International Organization for Standardization (ISO). As one of the founding members, we help make sure international standards developed address today and tomorrow's business and social needs, while delivering real benefits to an organization and all its stakeholders.

Speak to one of our experts today or visit our website for more information.

Call: **1300 730 134**  
Email: **info.aus@bsigroup.com**  
or visit: **bsigroup.com/en-au**

**bsi.**

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