

Construction

British Standards  
Online | **BSOL**<sup>™</sup>

Using today's standards to build the future

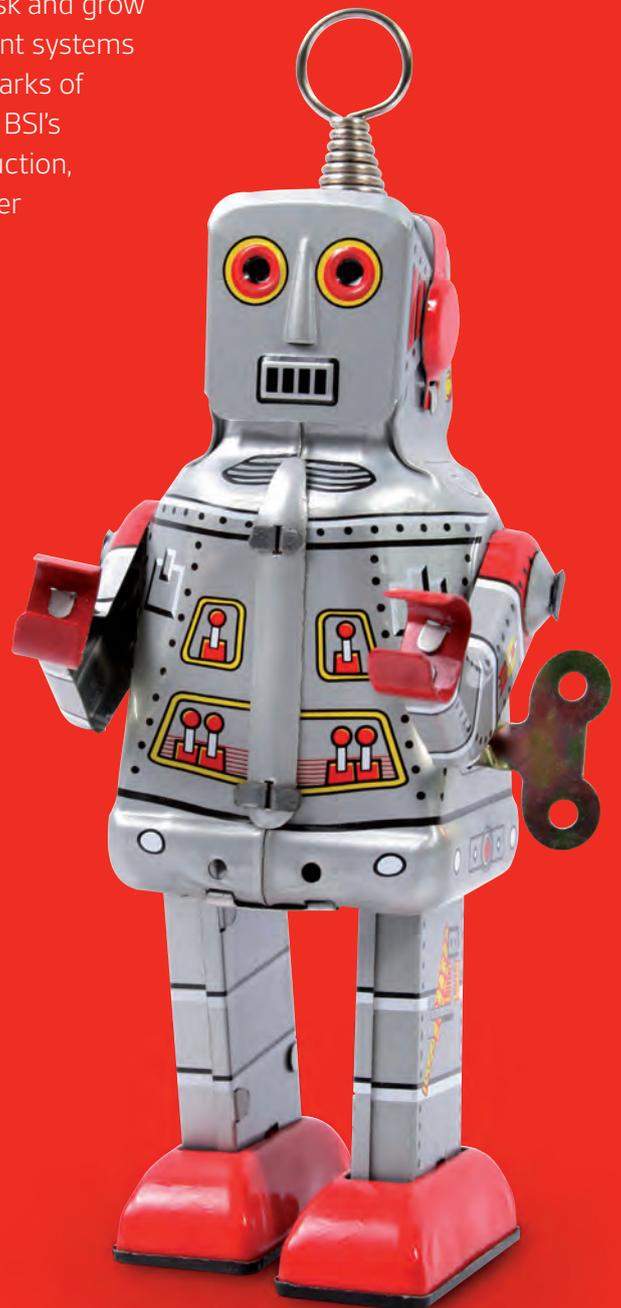
**bsi.**

...making excellence a habit.<sup>™</sup>

# About BSI

BSI (British Standards Institution) is the business standards company that equips businesses with the necessary solutions to turn standards of best practice into habits of excellence. Formed in 1901, BSI was the world's first National Standards Body and a founding member of the International Organization for Standardization (ISO).

Over a century later it continues to facilitate business improvement across the globe by helping its clients drive performance, manage risk and grow sustainably through the adoption of international management systems standards, many of which BSI originated. Renowned for its marks of excellence including the consumer recognized BSI Kitemark™, BSI's influence spans multiple sectors including aerospace, construction, energy, engineering, finance, healthcare, IT and retail. With over 70,000 clients in 150 countries, BSI is an organization whose standards inspire excellence across the globe.



# The construction industry: making an impact on the economy

The construction industry makes a large contribution to the competitiveness and growth of the UK economy. Total construction output growth is now projected to average more than 4% a year for 2014 and 2015\*. A modern, efficient infrastructure is a key driver of productivity, and the construction industry has a major role in delivering built infrastructure in an innovative and cost effective way. BSI publishes a wealth of information to help you achieve industry compliance and best practice.

Introducing British Standards Online, the faster easier way to work with construction standards

British Standards Online (BSOL) is the online standards database that makes using standards easier and more cost effective. Access over 60,000 British, European and adopted international standards from your desktop. It's available 24/7 and revised every day so you will always be up to date.

## Super-fast access to standards

Just browse, search and download the information you need. You'll find what you're looking for in seconds – searching by standard number, keyword or phrase.

## Automatic updates to your email

You will always have access to the latest standards and you can set up automatic email updates to alert you when a standard changes.

## More cost-effective than buying individual standards

Save money on administration costs by choosing a collection of standards instead of buying individual standards. The more you choose the more money you save.

**By keeping you up to date with standards, BSOL will help you**

- stay ahead of your competitors
- win tenders and plan contracts
- comply with changing regulations
- reduce risks



# BSOL – A faster, easier way to work with standards

With BSOL, understand complex Building & Construction matters through our range of standards and publications. Get all the information you need to help you comply with European directives and UK regulations including:

- REGULATION (EU) No 305/2011 Construction Products
- 95/16/EC: Lifts
- 2006/42/EC on Machinery
- 89/686/EEC: Personal Protective Equipment
- Building Act 1984
- 2010/31/EU Energy Performance of Buildings Directive recast
- Health and Safety at Work Act 1974
- Town and Country Planning Act 1990

## A few of the key standards and regulations covered by BSOL:

### Fire

- **BS 5839:** Detection and fire alarm systems for buildings. Code of practice for design, installation, commissioning and maintenance of systems in non-domestic premises
- **BS 9990:** Code of practice for non-automatic fire-fighting systems in buildings
- **BS 9991:** Fire safety in the design, management and use of residential buildings. Code of practice
- **BS 9999:** Code of practice for fire safety in the design, management and use of buildings
- **BS EN 45545-1:** Railway applications. Fire protection on railway vehicles. General
- **BS EN 13501-6:** Fire classification of construction products and building elements. Classification using data from reaction to fire tests on electric cables

### Sustainable Construction

- **BS EN 15804:** Sustainability of construction works. Environmental product declarations. Core rules for the product category of construction products

### Building Information Modelling (BIM)

- **BS 1192:** Collaborative production of architectural, engineering and construction information. Code of practice
- **PAS 1192-2:** Specification for information management for the capital/delivery phase of construction projects using building information modelling
- **PAS 1192-3:** Specification for information management for the operational phase of assets using building information modelling

### Eurocodes

The construction industry is being transformed to meet the new demands of the twenty-first century. Project delivery concepts are changing to become more efficient in both time and money. British Standards Online (BSOL) is your solution.



# BSOL MODULES

BSOL covers all industries and sectors. In the full list of modules below we have highlighted the ones that our construction customers find the most useful

- |  |  |  |
|--|--|--|
| 01. Documentation                                      | 20. Electric Lamps, Power Generation, Distribution & Storage | 40. Metallurgy                               |
| 02. Information & Finance                              | 21. Electronic Components & Devices                          | 41. Metal Products                           |
| 03. Vocabularies                                       | 22. Electromechanical Components                             | 42. Wood Technology                          |
| 04. Management, Law & Quality                          | 23. Telecommunications                                       | 43. Glass & Ceramics Industries              |
| 05. Sciences & Healthcare                              | 24. IT Software & Networking                                 | 44. Rubber Industry                          |
| 06. Environment & Waste                                | 25. IT Hardware & Office Machines                            | 45. Plastics Industry                        |
| 07. Occupational & Personal Safety                     | 26. Image Technology   | 46. Paper Products & Technology              |
| 08. Fire, Accident & Crime Prevention                  | 27. Road Vehicle Engineering                                 | 47. Paint & Colour Industries                |
| 09. Metrology  | 28. Railway Engineering                                      | 48. Construction in General                  |
| 10. Testing  | 29. Shipbuilding & Marine Structures                         | 49. Building Materials & Components          |
| 11. Screw Threads & Fasteners                          | 30. Aircraft & Aerospace Engineering                         | 50. Building Installations & Finishing       |
| 12. Mechanical Systems & Components                    | 31. Materials for Aerospace Construction                     | 51. Civil Engineering                        |
| 13. Fluid Systems & Components                         | 32. Aerospace Components & Fasteners                         | 52. Domestic Equipment & Appliances          |
| 14. Manufacturing Engineering                          | 33. Materials Handling Equipment                             | 53. Sports Equipment & Entertainment         |
| 15. Metal Treatment & Welding                          | 34. Packaging & Distribution                                 | 71. BSI Books - Management, Quality & Risk   |
| 16. Energy & Heat Transfer Engineering                 | 35. Textiles, Leather & Clothing                             | 72. BSI Books - ICT & Information Governance |
| 17. Electrical Engineering General                     | 36. Agriculture & Agricultural Engineering                   | 73. BSI Books - Construction & Fire          |
| 18. Electrical Components                              | 37. Food Technology  | 81. Wiring Regulations collection            |
| 19. Electrical Accessories, Switchgear and Controlgear | 38. Chemical Technology                                      |  |
|  | 39. Mining & Petroleum Technology                            |  |

“Efficient service that provides our business with relevant technical information at a time we need it, our twelfth man.”

Matthew Charlton, Applications & Development Engineer, Weir Valves & Controls UK Ltd

If you'd like to find out how BSOL can help your organization, or request a no obligation quote or demo:

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Office hours: Monday to Friday  
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