

2024  
2025



**Annual Review**







The British Constructional Steelwork Association (BCSA) is the national organisation for the steel construction industry in the UK and the Republic of Ireland. BCSA Limited operates on a local, national, and international level, raising the profile of the sector and its Members.

The principal objectives of the Association are to promote the use of structural steelwork; to assist specifiers and clients; to ensure that the capabilities and activities of the industry are widely understood, and to provide Members with professional services in technical, commercial, contractual, sustainability, certification and health and safety matters.

The Association's aim is to influence the trading environment in which Member companies operate in order to improve their profitability.

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The Review covers the period July 2024 to June 2025



**An overview of the constructional steelwork market, the achievements of the Association and a look forward to future developments.**

**By Jonathan Clemens**

# Introduction

Welcome to the British Constructional Steelwork Association's (BCSA) Annual Review. As we reflect on another year of successful engagement, collaboration and development within the UK and Irish structural steelwork industry, we take great pride in the role the BCSA continues to play in advancing the sector's standards and driving positive change.

This year's review highlights the Association's achievements, the challenges it's successfully navigated, and it's ongoing efforts to shape the future of steel in construction through sustainable practices, setting standards, and a commitment to safety. Our work in promoting the interests of the structural steelwork sector, fostering industry-wide partnerships, and advocating for policies that support growth has remained at the forefront of our priorities.

In this review, we share key insights, developments, and milestones that showcase the collective strength of our Members, the dedication to excellence, and the resilience of the structural steelwork community. Through continued collaboration, we remain steadfast in our mission to help our Members deliver high-quality, safe and innovative steel structures for infrastructure and the built environment.

Reflecting on the last 12 months, it was not the year we expected in terms of the state of the UK market, and as we end it our construction markets remain subdued and trading conditions challenging. Looking back, this sentence would have befitted last year's review as we awaited the results of the UK General Election. We hoped that a change in Government would bring renewed urgency with regards to infrastructure spend, increased confidence in the economy and a focus on skills.

However, a desire to retain fiscal prudence and global geo-political shifts meant that the expectations for a significant upturn in the market for constructional steel evaporated as the year progressed. The situation was further compounded by the delays in project approvals by the Building Safety Regulator.

That said, some sectors such as energy, bridgeworks and datacentres have remained buoyant against the falls in the commercial and industrial sectors. The BCSA's 2024 annual survey, 'The Consumption of Constructional Steelwork' saw an overall reduction in floor area of 6.7% in the total market for structural frames compared to 2023. Structural steel continues to dominate the industrial buildings market, commanding a 94.1% share. The reduction in floor area was a result of market contraction brought about from several factors including investor confidence, a slowdown in the UK economy and an easing of some large client's building plans.

To maintain and increase the share of structural steel, over the last year, we have continued to promote the sector, lobby for more opportunities and adopt a 'made in the UK first' mindset, as well as setting standards and providing education to the market. We have also held a number of meetings with politicians across the UK in support of both individual Members and the collective membership. A particular highlight was the 'Welsh Steel; Proud History, Bright Future' event held at the Senedd, Cardiff in January, at which we showcased apprenticeships in the industry and presented an award to the winners of our bridge design competition (a team from Swansea University).



First Minister, Eluned Morgan attended the event. She spoke about the importance of skilled sustainable jobs, and how the steel construction sector leads the way in providing these opportunities.

With respect to skills and early careers, we are encouraged by changes to the Apprenticeship Levy, allowing up to 10,000 more young adults to be eligible for them, and have been working with the UK Metals Council and others to ensure the right support framework is available to these young people, to optimise their transition from education to employment.

Education and development are fundamental for building competence. Driven by the Building Safety Act, the BCSA can claim to be a front runner in this area, with the development of the Register of Qualified Steelwork Contractors for Buildings (RQSC), which became a mandatory requirement in early October 2023. Holders of the RQSC are assessed on their competence and capability, which the Building Safety Act 2022 focuses on, in relation to the steel they fabricate for buildings. This should provide main contractors and clients with confidence on the delivery of their projects.

Another way in which we help set and maintain standards is our involvement in the development of the second generation of the Eurocodes for the design of constructional steelwork. This coming year, we will start seeing associated publications become available, commencing with a revised and updated 'Blue Book' (comprehensive section

property data is provided as well as tables of member resistances) and the 'Green Books' (guidance for structural steelwork connections for use in buildings).

These follow the UK and Irish launch of the National Light-Gauge Steelwork Specification for Building Construction, which provides a specification for designers, manufacturers and installers of light-gauge steel structures. It has been pleasing to see how this publication has been adopted and used by organisations across the supply chain.

Of course, the BCSA remains focused on sustainability and the decarbonisation of the steel sector, and has helped Members reduce their carbon emissions through membership of the Steel Construction Sustainability Charter.

We welcome the UK Government's Steel Strategy, with which we have been actively involved, by consulting with the Steel Council and Government. Construction is the single biggest sector in the UK in terms of steel demand (53%). In our view, it is therefore vital that confidence in a robust steel industry and supply chain is maintained amongst clients, engineers and architects.

Thank you for your continued support. We look forward to another year ahead of progress and success, as we continue to work together to build a brighter, stronger future for the constructional steelwork sector.



**Jonathan Clemens**  
Chief Executive Officer



**Gary Simmons**  
President



**Challenging current commercial and legal issues to enable Member resilience, competency, and best value from contracts.**

# Commercial and Contracts

BCSA's Commercial and Contracts service provides Members with advice, guidance, and training to help them improve their commercial position and mitigate legal risks (where possible).

The service is managed by the Commercial and Contracts Committee, which also liaises with Government and industry bodies.

The Committee also provides a forum for anonymised discussion on general industry issues, and initiates and manages projects that Members can benefit from. It is well-attended with (on average) 15 Members representing all the membership regions.

## **Economic Uncertainty and Political Changes**

Due to the challenging economic conditions, BCSA has been a key conduit for information for Members over the last year. Commercial and legal guidance was provided generally and individually on economic conditions, legal aspects of the Building Safety Act, contractual and financial matters, BCIS indices, contract fluctuation clauses, and public sector infrastructure projects. BCSA has continued to work collaboratively with Build UK, Construction Industry Collective Voice (CICV) Forum and the Construction Industry Council (CIC) to gather and share advice and speak directly to Government. In 2024, BCSA also joined the Conflict Avoidance Coalition.

## **Webinars**

In 2024/25, BCSA hosted a number of webinars and talks for Members. The topics included Contractual Risks, Business Resilience, Sexual Harassment, and Credit Insurance. These, and many other webinars are available to Members on the Member-only area of the website.







## Member Resources

BCSA continues to develop legal resources as a Member-only benefit. These resources are available on the website, and include the following:

- **Disputes resolution helpline**

Members can access free expert advice via our disputes resolution telephone and email service.

- **Subcontract terms and conditions**

This spreadsheet, which allows Members to track negotiations on their subcontract documents and provides a summary of the implications of common onerous clauses, is regularly updated. Presentations on business resilience were given at BCSA regional meetings.

- **JTC Taxation Newslines**

BCSA subscribes to the Joint Taxation Committee's newsletter and advice service, which provides expert construction tax advice. The information is available to Members on the website. There is also an advice section on off-payroll working.

- **Model letters and documents**

A number of template letters and documents are available in the Member area of the BCSA website, including a contracts review/due diligence checklist, retention bonds, model notices on suspension of works, and early warning notices.

- **Minimum standards of contract**

This is a regularly updated guide to fair contract terms, and aims to help Members review and draft contracts.

The terms were shared and discussed with the Crown Commercial Service to assist them in developing fair contract terms as part of the construction frameworks.

- **Provision of bespoke advice**

Members receive general contractual and legal information via several routes, including free contract reviews, memoranda on individual issues and legal/commercial updates, and various documents and checklists. Additionally, details of Build UK's free helplines are available on the website to help Members manage their contracts and businesses.

## Future Projects

- **New edition of The Orange Book (Allocation of Design Responsibilities in Structural Steelwork)**





Le Mieux Headquarters, Hampshire – Adstone Construction Ltd



Safety and Facilities Hub, West Wittering Estate – Southern Fabrications (Sussex) Ltd



20 Giltspur Street, London – Deconstruct UK Ltd



SEND School, Swaffham, Norfolk – SDM Fabrication Limited



**Helping Members deliver quality, cost effectiveness and buildability.**

# Process and Technical

BCSA's Process and Technical team supports Members by providing them with technical advice on a range of subjects, and developing guidance and practical rules on the design and fabrication of structural steelwork. The team achieved the following in 2024/25.

## **Advice to Members**

BCSA continued to provide comprehensive technical advice and support to its Member companies, clients, specifiers, designers and contractors. This ongoing service includes:

- Response to specific technical enquiries, specifications and interpretation of design and execution (fabrication and erection) standards
- Advice on conformity assessment (UKCA & CE+UKNI and CE marking)
- Dedicated advisory services for coatings and welding

BCSA steelwork contractor Members also receive complimentary membership of The Steel Construction Institute (SCI) as part of their BCSA membership package.

## **Conformity Assessment**

In 2024/2025, the BCSA continued to provide advice on conformity assessment to BCSA Members and the wider construction industry. CE marking and UKCA marking continue to be accepted in Great Britain.

BCSA also continued to lobby Government, Trading Standards and the Office for Product Safety and Standards (OPSS) to take a stronger approach to the policing of CE and UKCA marking.

## **Technical Strategy**

In 2024/2025, BCSA continued its programme of technical activities including:

### **1. Best practice for designing low embodied carbon steel buildings**

In October 2024, the SCI, with BCSA funding, published a design guide to highlight what steelwork designers can do to make buildings more sustainable. While the focus is on efficient lightweight (low embodied carbon) design, the guide also highlights the broader sustainability benefits of steel construction. It also identifies opportunities for the reuse of reclaimed steelwork in new projects.

### **2. Deflection limits for mega-sheds**

BCSA maintained its relationship with Imperial College London, which is carrying out research into the deflection limits for mega-sheds, with the following objectives:

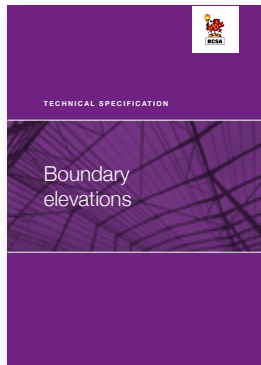
- To use finite element models to study the interaction between the steel frame and the cladding it supports
- To study, in particular, the effect of scale and relative flexibility of the frame and the cladding, and the consequences on the connecting elements
- To identify potential problems and propose mitigation strategies





### 3. Holding down arrangements (new Green Book)

BCSA has commissioned the SCI to review the publications on the design of connections (the Green Books) in line with the second generation of the Eurocodes, by properly accounting for (i) the shear resistance reduction required by BS EN 1993-1-8, and (ii) the rules given in BS EN 1992-4 on the design of fastenings for use in concrete. This publication should be available at the end of 2025.



### 4. Technical specification for boundary elevations

This technical specification covers the structural design requirements for single storey structures in a “boundary” condition, when the spread of fire from inside a building (and in some cases from outside a building) must be prevented.

This technical specification covers the design requirements for the primary frame, the secondary steelwork (side rails and purlins) and the cladding.

This specification was published in February 2025 and will come into force in July 2025.

### 5. Second generation Eurocode design guides

The BCSA is revising the Design Guides in line with the second generation of the Eurocodes. These include the Blue Book and the Green Books, to name a few. The guidance in the Blue Book will cover higher strength steels S420 and S460.

### 6. Fire in steel buildings

Members have raised concerns about several fire-related issues in buildings, namely fire in car parks, internal fire walls in portal frames and efficient specification of intumescent coatings. In 2025, the BCSA established a specialist Working Group, comprising of Steelwork Contractors and other industry experts, in order to address these issues.

### Codes and Standards

BCSA continued to participate in the development of the European structural design and execution standards. BCSA is represented on key BSI, CEN, and European Technical Committees, and strives to provide practical advice to shape and influence (i) the development of new codes and standards, and (ii) the maintenance of existing codes and standards. These standards include:

- National and European design and execution standards
- Product standards, including bolts and welds
- Harmonised standards for CE marking, and designated standards for UKCA marking

All the European structural design standards, the Eurocodes, are being revised and a new set will be issued from 2028 onwards. Key developments in these standards in 2024/25 include:

- The second generation of parts 1-2 (fire), 1-3 (cold-formed), 1-5 (plated structures), 1-8 (joints) and 1-13 (large web openings) of EN 1993 were published by the BSI
- Parts 1-4 (stainless steel), 1-11 (tension components), and 1-14 (design assisted by finite element analysis) were sent for Formal Vote of the CEN Countries

The BCSA is currently involved in drafting the National Annexes for parts 1-1, and 1-8 of the second generation of Eurocode 3.

Parts 1 and 2 of EN 1090 (European standard for execution of steel and aluminium structures) are also under review. Part 1 is the harmonised standard: it specifies the requirements for conformity assessment of structural components. The revised EN 1090-1 will cover members, kits and structures made of carbon and stainless steel (where they are intended to be used as structural elements in construction works, including installations). The essential characteristics, which must be declared, are different from the current EN 1090-1 and will include a list of 40 environmental sustainability characteristics. Part 2 of EN 1090 gives technical requirements for the fabrication and erection of steel structures. An amendment (A1 to EN 1090-2:2018) was published in 2024 and addresses the specificities and lays out additional requirements for structures in higher steel grades (> S460). The CEN revision process started in 2025 and the BCSA is actively involved.









**BCSA's sustainability activities focus on helping Members improve and demonstrate their sustainability credentials and engagement with clients, their design teams and institutions to promote the sustainability attributes of steel construction and steel-framed buildings.**

# Sustainability

Of the many sustainability initiatives impacting construction, embodied carbon emissions remains the most significant for the steel construction sector; influencing both the choice of structural framing material and steel manufacturing route. This agenda has recently been dominated by steel production rather than steel fabrication and construction issues, notably the UK's planned transition from primary to secondary scrap-based steel-making.

The UK Net Zero Carbon Building Standard was launched in 2024. It sets out embodied carbon targets for new buildings and retrofit projects from 2025 to 2050 based on the UK's legally binding carbon budgets. Although voluntary, many within the sector are calling for regulation of embodied carbon in construction, as has been done in several other European countries.

The change in Government in July 2024 signalled a more supportive stance with respect to the UK steel sector. As part of its UK Steel Strategy, the Government has committed £2.5 billion of funding to secure the future of UK steelmaking. This includes the transition from primary steelmaking to scrap-based electric arc furnace production. In recognition of the national need for growth, the strategy aims to ensure that domestically produced steel is available for key industrial growth sectors including renewable energy infrastructure and defence.

It is important that Government policies relating to industrial strategy, economic growth and achieving net zero targets are joined up and fully aligned.

The EU CBAM was introduced in 2023 and will come fully into force in 2026 when EU importers of steel will be required to purchase CBAM certificates. The Government consulted on a UK CBAM in 2024 and it is expected to be introduced in early 2027. The gap between the introduction of the EU and UK CBAM could be problematic for UK producers, as is the lack of a transition period for UK CBAM.

## **BCSA's Sustainability Focus**

BCSA's sustainability activity focuses on two main areas:

1. Informing Members about relevant sustainability issues and supporting them to adopt more sustainable practices.
2. Engagement with clients, structural engineers and others, notably Government and construction sector institutions, to communicate the sustainable credentials of steel, steel-framed buildings and the steel construction supply chain.



Hambleton Steel Facilitates, Richmond – Embrace Steel Group Ltd



Community Hub "The Branch", Chipping Norton – WIG Engineering Ltd



SeAH Monopile Factory, Teesside – Tension Control Bolts Ltd

The BCSA's decarbonisation roadmap remains the overarching framework for the Association and its Members to decarbonise the sector by 2050. The sector is making progress across all six 'decarbonisation levers' within the roadmap including:

- SCI P449 was published in 2024. It provides best practice guidance on the design of efficient, low embodied carbon steel structures following the IStructE hierarchy of Net Zero Design
- Together with SteelZero and the IStructE, BCSA has published a guide on the role of scrap in steel decarbonisation
- BCSA continues to support steel reuse (see below) and the circular economy, both in the UK and Europe
- Major steelmakers supplying structural steel to the UK, have made important commitments and investments to decarbonise
- A growing number of steelwork contractors are taking steps to measure and reduce their carbon footprints
- Ensuring that the BCSA Sustainability Charter requirements remain current and aligned with comparable schemes

### **Buiding Refurbishment and Structural Steel Reuse**

Retrofit, refurbishment and building conversions remain relatively strong sectors, in part, due to the circular economy and carbon savings achievable. Steel is well-placed to capitalise on this growing trend through innovative refurbishment solutions, both to existing steel and concrete-framed buildings.

Interest in reusing structural steel remains high. This is reflected in the membership of BCSA's Steel Reuse Working Group. The group continues to review the steel reuse market and prioritise, and coordinate the

activities required to support this growing market. Specific topics being explored by the group include:

- Digital surveying of reclaimed sections
- Fabrication of reclaimed sections (including automation)
- How to forecast and embed reclaimed steel into new projects
- Material passports to facilitate future reuse

BCSA is also engaged in the development of national and European standards relating to the circular economy and steel reuse.

### **BCSA Sustainability Group**

The BCSA's Sustainability Group remains active and well-attended (with around 40 Members) and meets virtually, three times a year. It provides a forum for Members to stay abreast of the various sustainability initiatives that are underway (and are of relevance to the sector), to share experience, learn from other Members and to input to BCSA's sustainability strategy going forward. Topics discussed at recent meetings included:

- Renewable energy and alternative fuels
- UK and EU CBAM
- 'Green steel' standards including ResponsibleSteel and the Steel Climate Standard
- Low-carbon requirements in steelwork specifications
- Cost and embodied carbon comparisons with other structural framing systems
- Codes and standards and other guidance including RICS and IStructE
- Reviewing the BCSA Sustainability Charter requirements to ensure they are aligned with other sustainable construction assessment schemes
- Developing a database for Members of embodied carbon data for structural steelwork

### **BCSA's Engagement with the Wider Construction Industry**

In addition to Member engagement, BCSA is actively engaged with a number of organisations leading on sustainable construction.

During 2024, this has included:

- IStructE - The Institution of Structural Engineers
- ICE – The Institution of Civil Engineers
- UK Steel
- UKGBC – UK Green Building Council
- LETI – The London Energy Transformation Initiative
- RICS – Royal Institution of Chartered Surveyors
- ResponsibleSteel and SteelZero
- CLC – Construction Leadership Council
- CPA – Construction Products Association

### **New Sustainability Trends**

New sustainability trends likely to become higher profile next year include:

- Internal carbon pricing
- Supply chain transparency
- Retrofit and refurbishment (and upskilling in these areas)
- Use of AI and generative design to perform whole life carbon assessments
- Biodiversity and embodied ecological impacts
- Climate resilience and adaptation
- Sustainable water management
- Digital product passports



Subsea Cable Manufacturing Facility, Blyth –  
Caunton Engineering Ltd







**Sharing experience and knowledge to ensure good working practices and reduce health and safety incidents and injuries.**

# Health and Safety

The BCSA's Health and Safety Committee works together to develop good practice guides and information to ensure the safety of workers in the constructional steel industry.

## Health and Injury

The Accident Frequency Rate (AFR) rate for 2024 was 0.3 for BCSA Members, based on the injuries reported under the 'Reporting of Injuries, Diseases and Dangerous Occurrences Regulations' (RIDDOR).

$$\text{Frequency Rate} = \frac{\text{Number of Accidents} \times 100,000}{\text{Average number of Hours Worked}}$$

The Frequency Rate represents the number of injuries an employee can expect to sustain while working in the construction industry.

The rate remains at 0.3 (unchanged since 2023), meaning that the Accident Frequency Rate has been maintained.

It should be noted, however, that the industry injury rate is still well below the Government's target of 1.7 (as set in 2000), so the Health and Safety Committee will continue to focus on driving improvements and reducing the number further.

The Committee works to achieve this by identifying trends through annual data collection, and sharing Members' knowledge and experience to develop good practice guidance where appropriate.

## Veriforce CHAS Scheme

Due to our ongoing partnership with Veriforce CHAS, BCSA Members get discounted rates on accreditation (20%), first year membership fees (20%), and 10% for subsequent years. The discount codes (and information about the accreditation) can be found on the Member's area of the website.





## Health and Safety Forums

Health and Safety is important to everyone working in the industry, and best practice from sharing and learning is key. The BCSA therefore worked with other trade associations to establish common areas of health and safety concern and identify solutions.

BCSA actively attends the following forums:

- Construction Industry Collective Voice (CICV) Forum
- Metals Industry Forum Education and Training Working Group (UKMC)
- Metals Industry Liaison Group (MILG)
- National Highways Sector Schemes
- Mobile Elevating Work Platforms (MEWPs)
- CONIAC Managing Risk Well Construction Fire Safety
- Institution of Occupational Safety and Health (IOSH)
- Safety Health Engineering Partnership (SHEP)

## Building Safety Act 2022

The constructional steelwork industry has administered a competency scheme for National Highways called the Register of Qualified Steelwork Contractors (RQSC) since 1995. The RQSC scheme is a good example of an organisational competency assessment, and can be used by Members to demonstrate compliance with the Building Safety Act. The BCSA has also introduced competency based checklists / assessments that Members can use to manage staff competency and identify training gaps.

A competent workforce is vital to ensure the delivery of safe and quality construction, so the BCSA participates in various forums and working groups to identify the competencies of the relevant trades within the industry:

### Engineering Construction Industry Training Board (ECITB)

- Welders
- Fabricators
- Steel Erectors

### Construction Industry Training Board (CITB)

- Metal Decking and Studwelding

### Construction Leadership Council (CLC)

- Structures Super Sector – Traditional Steelwork (The BCSA leads on this)

### Advice for Members

In 2025 a new Human Resource advisory service was introduced for Members to access. Details can be found on the BCSA website.

## Future Projects

- Review of the UK Health and Safety Regulations and guidance
- Review of existing Health and Safety publications
- The inclusion of Wellbeing as a core focus of the Committee







Leeds Bradford Airport – ASD Ltd



The University of Worcester – Snashall Steel Fabrications Co Ltd



A5 Mile End, Oswestry – Beaver Bridges Limited



Molabolt Peg Anchor, Fairwater Campus Project, Cardiff – Advanced Bolting Solutions Limited



**Supporting a skilled and qualified workforce.**

# Training

## Apprenticeships

The number of apprenticeship training enrolments remains low, due to bureaucratic complexities and inflexibility in the Government's schemes. In an attempt to increase uptake, the BCSA has continued to raise the profile of Level 2 Apprenticeships, which are highly sought after within the industry.

The Government is transitioning the Institute for Apprenticeships and Technical Education (ifATE) into Skills England and will:

- Work to form a coherent national picture of where skills gaps exist and how they can be addressed, working closely with the Industrial Strategy Council and the Migration Advisory Committee.
- Unify the skills landscape to ensure that the workforce is equipped with the skills needed to power economic growth, by bringing together Mayoral Combined Authorities and other key local partners, large and small businesses, training providers and unions.
- Shape technical education to respond to skills needs, including identifying the training accessible via the Growth and Skills Levy.
- Advise on the highly trained workforce needed to deliver a clear, long-term plan for the future economy.

The BCSA is working to get the following apprenticeship standards reinstated (and funded through the Apprenticeship Levy) to enable employers to access the training:

- STO099 – Structural Steel Fabricator Level 2
- STO350 – Multi Positional Welder Level 3
- STO169 – Structural Steel Erector Level 2
- STO463 – Industrial Coatings Applicator Level 2

## Training Courses

The BCSA continued running the following training courses:

### • **CRAFT Apprenticeship Scheme**

The CRAFT scheme is used by Members to carry out internal apprenticeship training. The scheme was created by the industry, for the industry, to fill the gaps left by Government schemes, which are engineering based and not widely available in the regions where BCSA Members are located.

### • **CRAFT Metal Decking**

In addition to an apprenticeship programme, The CRAFT scheme for Metal Decking and Studwelding offers an experienced worker assessment programme. As it was mapped by the CITB, the qualification can be used to apply for a CSCS Blue Skilled Worker card.







- **Bolting Competency**

The National Highways Sector Scheme 20 requires steelwork contractors to be on the Register of Qualified Steelwork Contractors (RQSC). This third-party assessment scheme ensures that clients (and industry) can be confident that their chosen contractors have the right competence and capability credentials to complete projects safely.

A recognised Bolting Competency Training course and assessment is required for this. There continues to be a steady stream of candidates undertaking training to become Level 3 Bolting Coordinators and Level 2 Bolting Inspectors (with the view to training their Level 1 Bolting Operatives).

- **Temporary Works Coordinator**

The BCSA's training course 'Management for Temporary Works Coordination in Steelwork (MTWC)' is specific to the constructional steelwork industry, and provides guidance on standards and the practical implementation of the various policies and procedures that contractor's need to manage.

This course assumes that steelwork contractors will be 'managing subcontractors' (i.e. have their own TWC). While the course is steelwork specific, it's generic enough to ensure that companies can establish their own procedures to meet the recommendations set out in BS 5975:2019.

The following topics are dealt with in general terms:

- Implementation risk class
- Design check category

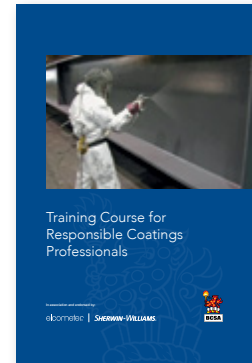
Template procedure forms are included for those who may not have one. They include:

- Temporary works register
- Design brief
- Design check certificate

## **Responsible Coatings Professionals**

The Responsible Coatings Professionals (RCP) training course, oversees all aspects of the application of protective coatings and intumescent systems, including:

- Specification
- Preparation of the steel
- Application of the paint
- Inspection and the use of instruments
- Health and safety requirements



The RCP training course is also responsible for ensuring the qualifications and training of those preparing the steel, the paint applicators, paint specifiers and the inspectors meet the required standards. The section on intumescent paints has been made more comprehensive, as well as information included on salts, the painting of galvanizing and holiday testing. There is a practical element to the course, in which attendees blast and paint a steel panel to a specification they have written, and test it to see if it conforms.

## **Responsible Welding Coordinator**

The Responsible Welding Coordinator (RWC) is for companies wishing to train their own RWC up to and including comprehensive level to BS EN ISO 3834 for UKCA marking.

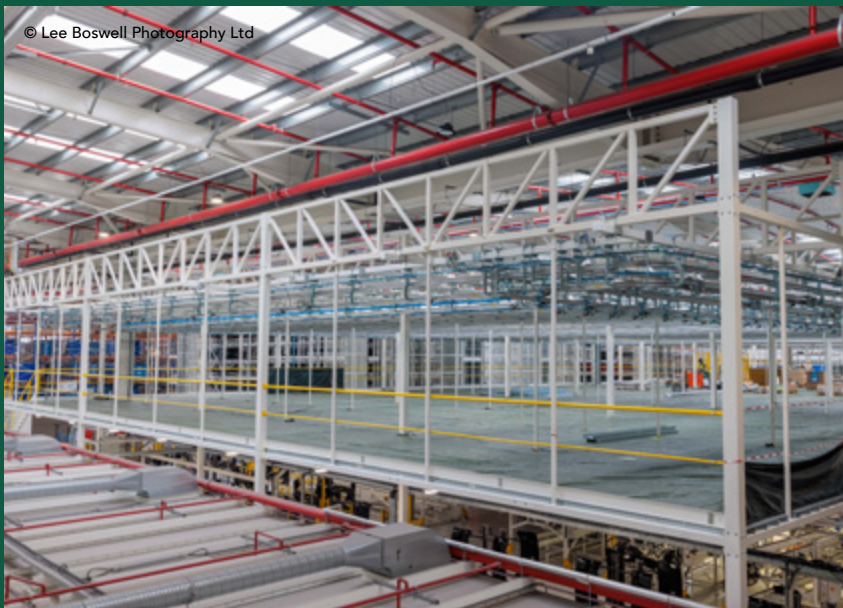
This course is organised as and when there is demand.







Skyway Link Bridge (Secondary Steelwork), Southampton – Hillcrest Structural Ltd



Automotive Facility, North West – Midland Structures Limited



Steel Being Rolled at 1400°C, Teesside – British Steel



**Positioning structural steelwork as the material of choice for buildings, infrastructure and bridges in the UK and Ireland by promoting its benefits.**

# Steel for Life

## **What is Steel for Life?**

Steel for Life is a marketing initiative focused on advocating for steel as the preferred material in the construction industry.

Launched in 2015, its primary goal is to highlight steel's many advantages, establishing it as the top choice for buildings, bridges, and other structures. By providing valuable resources, including educational content, specification tools, and data, Steel for Life supports architects, engineers, contractors, and the wider supply chain in designing with steel.

Governed by an independent Advisory Board, comprising of BCSA Members and headline sponsors, Steel for Life is grateful for the ongoing support of its sponsors, which underpin this important work.

## **Structural Steel Design Awards 2024**

The 56th Structural Steel Design Awards (SSDA) took place at Christ Church in Spitalfields, captivating an enthusiastic audience. Sponsored by BCSA and Steel for Life, the event garnered extensive pre and post media coverage, across industry publications and social media platforms.

The judges were once again impressed by the exceptionally high standard of entries, noting that all the shortlisted projects demonstrated strong merit. Chairman of the Judges, Professor Roger Plank said, *"The projects recognised in the Structural Steel Design Awards this year reflect the impressive quality of the current steel construction industry, and everyone involved should be proud of what has been achieved."*

The SSDAs acknowledge, celebrate and showcase some of the inspirational constructional steelwork projects across the UK and the Republic of Ireland. All those submitted for consideration continued to show increasingly high industry standards, which are contributing to the high market share of steel-framed construction.

## **Social Media**



Engaging with specifiers is crucial for promoting [www.steelconstruction.info](http://www.steelconstruction.info), along with key industry issues and updates, through our social media channels: LinkedIn, X, Facebook, and YouTube.







## New Steel Construction Magazine

In association with the SCI, the BCSA published ten editions of New Steel Construction (NSC) in 2024. It was available in print and digital formats, and supported by a weekly news service. Distribution levels remained high with email alerts for each issue sent to 7,500 subscribers and printed copies sent to 4,600 named individuals. The magazine is available digitally on [www.newsteelconstruction.com](http://www.newsteelconstruction.com).

In January 2025, the NSC Technical Digest was published in PDF format, bringing together all the Advisory Desk Notes and Technical Articles published in the NSC magazine throughout the year. It was widely promoted via NSC, BCSA, New Civil Engineer and The Structural Engineer.

In alignment with our sustainability goals and the digital preferences of our readers, NSC will now publish four printed editions per year (March, June, September, and November/December) and transition the remaining issues to an enhanced digital format.

We encourage readers to subscribe for the digital copy at [www.newsteelconstruction.com](http://www.newsteelconstruction.com).

## Construction Press

A number of regular steel construction features are now well established with the leading construction press. We use them to highlight the benefits of structural steel to the specifier target audience. A library of these features and guides can be found at [www.steelconstruction.info/Steel\\_construction\\_news](http://www.steelconstruction.info/Steel_construction_news).

- Costing Steelwork, a quarterly feature in Building magazine written by AECOM, was published to provide quantity surveyors with up-to-date information and guidance on the realistic pricing of structural steelwork.
- A 13-page special feature in Construction Management highlighted the SSDA's 2024 projects.

- The 56th SSDA commemorative brochure showcased all the projects that received awards, commendations, and the merit.

## Webinars

A series of quarterly webinars for anyone from the industry to attend, were promoted in Building magazine, to supplement a two page article written by the BCSA. These can be found on our YouTube channel and included:

- Specifying structural steelwork to meet embodied carbon targets – 10 July 2024
- Steel in fire – 3 October 2024
- How to demonstrate competency in constructional steelwork – 21 January 2025
- Overview of the evolution of the Eurocodes: Eurocode 3: where are we? – 30 April 2025

## Steel Essentials Seminar

The annual 'Steel Essentials - Practical Design of Structural Steelwork' CPD course, organised in association with the Institution of Structural Engineers, took place online on 7th October 2024.

## Steelconstruction.info

Launched in 2012, the [www.steelconstruction.info](http://www.steelconstruction.info) website is updated with the latest technical information and case studies. It remains a comprehensive resource on steel construction for the broader construction industry.

## Steel the Right Answer

In November 2024, a new supplement on Steel Construction: Fire Protection was published. This 16-page guide provides updates on the fire performance and fire protection of structural steelwork, giving a high-level overview for clients and their design teams. The summary makes particular reference to the Regulatory changes being introduced under the 2022 Building Safety Act. The supplement is available online at: [www.steelconstruction.info/Steel\\_construction\\_news](http://www.steelconstruction.info/Steel_construction_news).

# Future Projects

- **The 57th Structural Steel Design Awards will be held on 23 October 2025**
- **Collaborations with AECOM continues to provide construction professionals with regular updates on costing information for structural steelwork**
- **A redevelopment of the [www.steelconstruction.info](http://www.steelconstruction.info) website is planned for 2025/26, to modernise the look and improve the user experience**







Kings Cross S3, London – Hempel UK Ltd



Multi-System Steel Processing Line, Leeds – Voortman UK Ltd



Gemini HD System, Cairnhill Structures Ltd – Ficep (UK) Ltd



Project Gorilla House, Bristol Zoo – Cleveland Steel & Tubes Ltd



**BCSA has been representing the UK constructional steelwork sector for over a century. BCSA operates on a local, national and international level, raising the profile of the sector and Members of the Association.**

# BCSA Membership

As the representative body for the structural steel industry, the BCSA advocates for the interests of Members and the sector to Government and the wider construction industry. We also provide Members with expert technical, commercial, and business advice.

## **BCSA Membership Benefits**

- Awareness generated from the marketing activity to drive constructional steel as the material of choice in the UK and Ireland
- Promotion to specifiers, main contractors, and clients
- Provision of expert advice and support
- Representation of Members' interests and the lobbying of Government and industry on key sector issues
- Networking at regular meetings and groups to discuss and tackle matters of common interest
- Seminars, webinars and courses tailored to Members' needs
- Dissemination of information to keep Members up to date with technical advances and best practice

BCSA Members can access a range of professional and economic services and benefits. They include a professional advisory service, which offers expert advice across multiple business units, and a comprehensive digital briefing and information package to keep Members informed on current matters.

## **Membership Categories**

There are three categories of membership:

### **1. Steelwork contractors for Buildings and/or Bridgeworks – RQSC assessed**

This category is for companies that fabricate structural steelwork in the UK and Ireland for buildings, bridges infrastructure and other steel structures. Companies can apply to be on the RQSC Register without taking BCSA membership.



A comprehensive list of BCSA steelwork contractor Members for Buildings and Bridgeworks can be found here: <https://bcsa.org.uk/member-directories/> (or on pages 44 - 46 of this annual review)



## 2. Industry Membership

Industry membership is for companies involved in the constructional steelwork supply chain (i.e., they supply components, materials, services, or products).

Sub categories of industry membership are as follows:

- Manufacturing and Structural Services
- Protective Equipment
- Site Services and Installation
- Software
- Steel Producers and Stockholders
- Structural Fasteners



### Selecting an Industry Member

Details of the companies in each subcategory can be found at: <https://bcsa.org.uk/member-directories/industry-members/> (or on pages 48 - 49 of this annual review)

## 3. Stakeholder Membership

Stakeholder Members are clients, professional offices, educational establishments etc, which support the development of national specifications, quality, fabrication and erection techniques, industry efficiency, and good practice.



### Selecting a Stakeholder Member

Details of Stakeholder Members can be found at <https://bcsa.org.uk/member-directories/stakeholder-members/> (or on page 47 of this annual review)



Motion Innovation Quarter, Bicester – Composite Profiles UK Ltd



**Demonstrating competence and capability, meeting the requirements of the Building Safety Act 2022, resulting in improved service and client confidence.**

# RQSC

## Register of Qualified Steelwork Contractors

An RQSC registered steelwork contractor can be seen as a safe pair of hands. This industry-recognised seal of approval demonstrates that they have the capabilities and experience to work under the new building safety regime, which has come about due to the Building Safety Act 2022.

RQSC is open to all steelwork contractors, for both buildings and bridgeworks, and companies do not have to be a BCSA Member to apply. To apply for RQSC Buildings, the company must have a fabrication facility in the UK or Ireland, and to apply for RQSC Bridgeworks, the company must have a fabrication facility in the UK or European Union. To gain this seal of approval, companies must undergo an annual assessment which is verified by third party industry professionals. It is a three-year cycle. Year one involves a site-based assessment, and years two and three involve desk-based assessments. The assessors have extensive experience in constructional steelwork fabrication (for both buildings and bridgeworks).

### **Part 1 of the assessment – RQSC generic questions for both Buildings and Bridgeworks**

The questions, which are based on Build UK's Common Assessment Standard, are split into nine sections, with additional specific competency questions related to constructional steel fabrication.

The sections are:

- Section 1 – Company Details (if the company applying does not hold a valid FPC certificate in relation to Construction Products Regulations for UKCE/CE marking, they cannot join until they have one in place). If a company holds the Common Assessment Standard and provides a copy of the certificate, they do not have to complete a number of the sections (6,7,8 & 9)
- Section 2 – Financial Details
- Section 3 – Facilities
- Section 4 – Personnel and Skills, Knowledge and Experience
- Section 5 – Sustainability and Environmental Management
- Section 6 – Corporate Policies
- Section 7 – Quality Management Systems
- Section 8 – Health and Safety
- Section 9 – Building Information Modelling

### **Part 2 (a) – RQSC for Buildings**

In addition to indicating which subcategories of building fabrication they can undertake, companies are asked to provide three references (including contact details, the type of building and fabrication required, and the contract value).

References are checked as part of the assessment process.





## Part 2 (b) – RQSC for Bridgeworks

In addition to indicating which subcategories of bridgework fabrication they can undertake, companies are asked to provide three references (including contact details, the type of bridgework and fabrication required, and the contract value).

To be accepted, the contracts must meet the following criteria:

- At least two of the contracts must exceed £100,000 in value, and have been completed within the last three years.
- At least 75% of the steelwork for all three projects must be manufactured in-house.
- The materials and workmanship must meet bridgework standards for each contract.
- At least one of the contracts must include the use of thick plate welding, such as butt plate welding of S355J2 steel, with a thickness of at least 40mm.

All of the information supplied is checked and verified as part of the assessment process.

### RQSC Categories and Values

Steelwork contractors, are assigned categories, based on the type of steelwork they are qualified to undertake and the maximum contract value they can handle.

The categories are used to assess their competence and suitability for different projects, and take into account the company's work facilities, track record, and their technical and management experience.

### RQSC Buildings Categories

<b>C</b>	Heavy industrial platework for plant structures, bunkers, hoppers, silos etc
<b>D</b>	High-rise buildings (offices etc. over 15 storeys)
<b>E</b>	Large span portals (over 30m)
<b>F</b>	Medium/small-span portals (up to 30m) and low-rise buildings (up to 4 storeys)
<b>G</b>	Medium-rise buildings (from 5 to 15 storeys)
<b>H</b>	Large-span trusswork (over 20m)
<b>J</b>	Tubular steelwork (where tubular construction forms a major part of the structure)
<b>K</b>	Towers and masts
<b>L</b>	Architectural steelwork for staircases, balconies, canopies etc
<b>M</b>	Frames for machinery, supports for plant and conveyors
<b>N</b>	Large grandstands and stadia (over 5000 persons)
<b>Q</b>	Specialist fabrication services (e.g. bending, cellular/castellated beams, plate girders)
<b>R</b>	Refurbishment
<b>S</b>	Lighter fabrications including fire escapes, ladders and catwalks

### RQSC Bridgeworks Categories

<b>FB</b>	Footbridges
<b>CF</b>	Complex footbridges
<b>SG</b>	Sign gantries
<b>PG</b>	Bridges made principally from plate girders
<b>TW</b>	Bridges made principally from trusswork
<b>BA</b>	Bridges with stiffened complex platework (e.g. in decks, box girders or arch boxes)
<b>CM</b>	Cable-supported bridges (e.g. cable-stayed or suspension) and other major structures (e.g. 100-metre span)
<b>MB</b>	Moving bridges
<b>FRF</b>	Factory bridge refurbishment
<b>SRF</b>	On-site bridge refurbishment
<b>AS</b>	Ancillary structures in steel associated with bridges, footbridges or sign gantries (e.g. grillages, purpose-made temporary works)

Companies can attain one or more buildings categories for different types of steelwork. Companies are also classified by the maximum contract value they can handle. The 'class' provides guidance on the size of steelwork project companies can undertake, based on their financial and management resources.

### Selecting an RQSC Steelwork Contractor Member

Clients can find a comprehensive list of prequalified contractors in the BCSA's RQSC Directories for Buildings and Bridgeworks.

There are close to 80 RQSC registered steelwork contractor companies for Buildings and/or Bridgeworks, providing users with plenty of choice to ensure a competitive tender list.

Details can be found here:  
<https://bcsa.org.uk/member-directories/>  
(and on pages 44-46 of this annual review).





Clearmont Overbridge, M25 Junction 10 – Nusteel Structures Ltd



Duniface Active Travel Bridge, Duniface – Cementation Skanska Ltd



Cycling Bridge, Slovakia – Barnshaw Section Benders Ltd



MS4 Gantry, NEAR Scheme, M1 – Adey Steel Ltd



**Ensuring Commitment to  
Quality, Environment and  
Occupational Health & Safety.**

## **Future Projects**

- **19650-2:2018 + Revised NA and I.S. EN ISO 19650-2:2018**
- **Several other business opportunities are currently being reviewed by the SCCS Senior Management Team**

# **SCCS**

## **Steel Construction Certification Scheme Ltd**

### **Certification Services – 2024**

Over 1,300 Quality Management (QMS), Environmental Management (EMS), Occupational Health & Safety Management (OHSMS), Welding Quality Management Systems (WQMS) and Factory Production Control (FPC) initial certification, surveillance and recertification assessments scheduled for 2024 were successfully completed, either as physical or remote audits. The voluntary certification audits for site installation compliance to BS EN 1090-1:2009+A1:2011 also continued.

Collaborative work with National Highways on the issues relating to NHSS 3, NHSS 3B, NHSS 19A and NHSS 20 standards continued, with SCCS maintaining recognition as the lead Certification Body for these four Sector Schemes.

During 2024, SCCS actively attended the meetings of the UK Group of Approved Bodies; the NHSS Sector Scheme 3, 3B, 19A and 20, the NHSS Liaison Group and the NHSS Certification Body Group.

### **UKAS Accreditation**

SCCS maintained its accreditation for the scheme's ISO 9001:2015, ISO 14001:2015, BS EN ISO 3834:2021, ISO 45001:2018, SSIP, NHSS 3, NHSS 3B, NHSS 19A and NHSS 20 certification systems to BS EN ISO/IEC 17021 and BS EN 1090 to BS EN ISO/IEC 17065.

### **Non-UKAS Accreditation**

During 2024 the scheme retained its accreditation as a Build UK's Recognised Assessment Body for the Common Assessment Standard (CAS).

### **Steel Construction Certification Scheme Business Performance**

SCCS increased its number of certified clients during 2024 to 744 clients (84 of which were BCSA Members), holding a combined total of 1355 certificates (319 BCSA).









**Events are a key element of the BCSA's offering, as they provide opportunities to network with and celebrate the achievements of our Members, and lobby MPs to influence change on key industry issues.**

# BCSA's Events

## **Lobbying and Showcasing our Members**

2024 saw a big step change in UK politics, with a new Labour Government stepping in to power after the General Election in July. Securing meetings and visits with MPs before and after the election was challenging, as candidates were focused on campaigning and lobbying their various constituencies. A new plan has been set and more MP visits to Member companies are being organised for 2025.

### **MP Visits in 2024/25 Included:**

- Judith Cummins MP – Barrett Steel (10 May 2024)
- Jerome Mayhew MP – TSI Structures Ltd (22 November 2024)
- Douglas Alexander MP – Had Fab Ltd (28 February 2025)
- Tessa Munt MP – Littleton Steel (16 April 2025)

## **Metro Mayor Round Table**

Following the mayoral elections in May 2024, the number of metro mayors across the UK increased to ten. Due to their additional budgets and areas of responsibility (which have been devolved to them by Government), the BCSA has extended its political outreach work to include these influencers.

On 15th November 2024, a round table meeting was held with representatives from the West Midlands Combined Authority, including Paul Edwards (Head of Economic Development and Delivery), and Alex Knot (Mayoral Policy Advisor), and BCSA Member organisations.

## **Welsh Steel: Proud History, Bright Future**

This event, which was held at the Senedd on 29th January 2025, involved a series of talks about the importance of steel and the constructional steelwork industry for the Welsh economy. First Minister, Eluned Morgan reaffirmed the Welsh Government's commitment to supporting the sector, and awarded a prize to Swansea University students, who won the BCSA's Build a Bridge competition. Rebecca Evans MS, Cabinet Secretary for Finance, Constitution and Economy echoed the First Minister's messages. Jonathan Clemens also held a Q&A with two of William Hare's apprentices, focusing on their journeys into the industry and aspirations for the future. Alex Shufflebottom, Managing Director of Shufflebottom Limited, (a Llaneli-based family business), talked about her experiences over the years, and Rhianon Passmore MS, (who sponsored the event), spoke about the importance of the steel sector in Wales, and delivered the closing remarks.

The event was a prime occasion to highlight opportunities in the sector, and celebrate the industry's rising stars.





BCSA National Dinner 2024



Aerotron Limited, Chatteris – TSI Structures Ltd



New Timber Handling Plant, Durham – PMS Fabrications Ltd



Judith Cummins MP – Barrett Steel

## Time for Reflecting and Celebrating

There are three key events in the BCSA calendar, which are held annually.

- **Annual General Meeting and National Meeting**

The AGM and National meeting were held on 18th June 2024, at One Great George Street, Westminster. In line with the BCSA's constitution and annual formalities, Member organisations attended to receive an annual update and cast their votes on a number of matters.

The guest speaker was Professor Noble Francis, from the Construction Products Association, who gave an update on market economics.

- **National Dinner**

Following on from the success of the National Dinner in 2023, the event in 2024 was held in a marquee in the gardens of Regent's University, London on the 18th June 2024. There were 370 attendees, comprising Member companies (and their guests), and friends of the BCSA. The chosen charity of choice was CRASH, for which £7,400 + gift aid was raised – a phenomenal amount.

- **Structural Steel Design Awards**

As touched on earlier in the Annual Review, the SSDAs are another highlight in the BCSA's calendar, where we celebrate some of the outstanding structural steelwork projects in the UK and Ireland. The exclusive event attracts circa. 280 attendees, including representatives from the teams involved in the projects shortlisted for an award.

BCSA Members can attend all of these events, and take part in the following meetings, at which we share best practice, discuss the state of trade and develop new industry specifications.

These include;

- Quarterly regional meetings
- Various working groups
- Committee meetings
- Council meetings



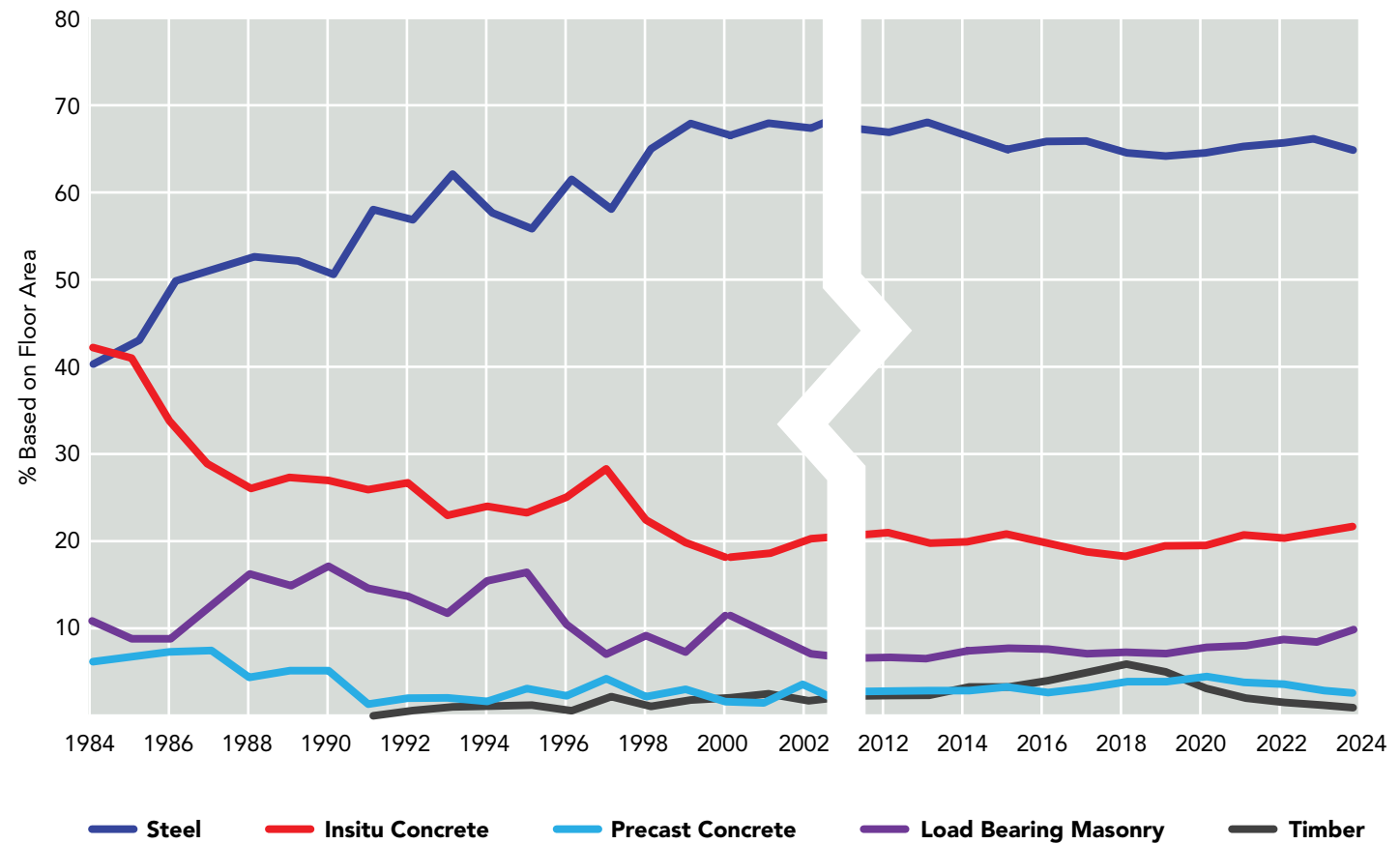






Steel's Share of  
UK Multi-Storey  
Non-Residential Market.

# Market Share of Constructional Steelwork







## UK Consumption of Construction Steelwork.

# Consumption of Constructional Steelwork

SECTOR	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	FORECAST		
											2025	2026	2027
Industrial	407	431	416	431	424	330	384	461	450	417	416	422	429
Offices	106	124	123	104	100	83	91	98	107	95	95	97	98
Retail	21	18	17	16	11	6	5	5	5	4	4	4	4
Leisure	34	28	37	36	29	25	23	23	22	21	21	22	23
Health	27	25	22	15	17	12	16	20	22	30	33	35	36
Education	98	85	79	75	71	48	47	47	42	42	42	41	41
Power	57	67	74	85	89	79	103	106	109	112	115	118	120
Bridges	29	22	17	21	17	23	31	31	33	30	28	26	28
Other Infrastructure	30	34	35	40	46	41	59	62	64	67	65	67	69
Domestic	9	13	12	11	12	8	6	5	3	3	3	3	3
Agriculture	18	16	16	17	15	9	9	8	8	8	8	8	8
Other	7	9	10	10	10	8	8	9	8	8	8	7	7
Fabricated Imports	20	21	19	18	18	14	18	20	19	18	17	17	17
Total UK Consumption	864	892	876	879	858	686	801	894	893	855	855	867	883
Yr-on-yr % Change	+ 7.6%	+ 3.3%	- 1.8%	+ 0.3%	- 2.4%	- 20.0%	+ 16.7%	+ 11.7%	- 0.1%	- 4.3%	nc	+ 1.4%	+ 1.8%

The figures are in thousand tonnes and were supplied by the BCSA and Steel for Life.



**These companies are Members of the BCSA and hold the RQSC for Buildings quality badge. They undertake the design, fabrication and erection of steelwork for all forms of building construction.**

# BCSA RQSC

## Steelwork Contractor Members for Buildings

A C Bacon Engineering Ltd  
[www.acbacon.co.uk](http://www.acbacon.co.uk)

Adey Steel Ltd  
[www.adeysteel.co.uk](http://www.adeysteel.co.uk)

Adstone Construction Ltd  
[www.adstone-construction.co.uk](http://www.adstone-construction.co.uk)

AJ Engineering & Construction Services Ltd  
[www.ajengineering.co.uk](http://www.ajengineering.co.uk)

Angle Ring Company Ltd  
[www.anglering.com](http://www.anglering.com)

Arminhall Engineering Ltd  
[www.arminhall.co.uk](http://www.arminhall.co.uk)

Arromax Structures Ltd  
[www.arromax.co.uk](http://www.arromax.co.uk)

ASD Westock Ltd  
[www.asd.ltd/westok](http://www.asd.ltd/westok)

ASME Engineering Ltd  
[www.asmeengineering.co.uk](http://www.asmeengineering.co.uk)

Atlasco Constructional Engineers Ltd  
[www.atlasco.co.uk](http://www.atlasco.co.uk)

B D Structures Ltd  
[www.bdstructures.co.uk](http://www.bdstructures.co.uk)

Barnshaw Section Benders Ltd  
[www.barnshaws.com](http://www.barnshaws.com)

BHC Ltd  
[www.bhc.ltd.uk](http://www.bhc.ltd.uk)

Billington Structures Ltd  
[www.billington-structures.co.uk](http://www.billington-structures.co.uk)

Bourne Group Ltd  
[www.bournegroup.ltd](http://www.bournegroup.ltd)

Briton Fabricators Ltd  
[www.britonsltd.co.uk](http://www.britonsltd.co.uk)

Cairnhill Structures Ltd  
[www.cairnhillstructures.co.uk](http://www.cairnhillstructures.co.uk)

Caunton Engineering Ltd  
[www.caunton.co.uk](http://www.caunton.co.uk)

Cementation Skanska Ltd  
[www.skanska.co.uk](http://www.skanska.co.uk)

CMF Ltd  
[www.cmf.co.uk](http://www.cmf.co.uk)

Coventry Construction Ltd  
[www.covcon.co.uk](http://www.covcon.co.uk)

D H Structures Ltd  
01785 246269

D Hughes Welding & Fabrication Ltd  
[www.dhwelding.com](http://www.dhwelding.com)

Duggan Steel  
[www.duggansteel.ie](http://www.duggansteel.ie)

ECS Engineering Services Ltd  
[www.ecsengineeringservices.com](http://www.ecsengineeringservices.com)

Elland Steel Structures Ltd  
[www.ellandsteel.com](http://www.ellandsteel.com)

Embrace Steel Group Ltd  
[www.embracesteelgroup.co.uk](http://www.embracesteelgroup.co.uk)

EvadX Ltd  
[www.evadx.com](http://www.evadx.com)

Four-Tees Engineers Ltd  
[www.fourtees.co.uk](http://www.fourtees.co.uk)

Fullpen Fabrications Ltd  
0203 633 5586

Gorge Fabrications Ltd  
[www.gorgefabs.co.uk](http://www.gorgefabs.co.uk)

G.R. Carr Essex Ltd  
[www.grcarr.com](http://www.grcarr.com)

H Young Structures Ltd  
[www.hyoungstructures.co.uk](http://www.hyoungstructures.co.uk)

Had Fab Ltd  
[www.hadfab.co.uk](http://www.hadfab.co.uk)

HBE Services Ltd  
[www.hbeservices.co.uk](http://www.hbeservices.co.uk)

Hescott Engineering Company Ltd  
[www.hescott.co.uk](http://www.hescott.co.uk)



Hillcrest Structural Ltd <a href="http://www.hillcreststructural.co.uk">www.hillcreststructural.co.uk</a>
Integrated Water Services Ltd <a href="http://www.integrated-water.co.uk/mechanical-and-electrical">www.integrated-water.co.uk/mechanical-and-electrical</a>
Intersteels Ltd <a href="http://www.intersteels.com">www.intersteels.com</a>
Jamestown Manufacturing Ltd <a href="http://www.jamestownprofiling.com">www.jamestownprofiling.com</a>
Kiernan Structural Steel Ltd <a href="http://www.kssl.ie">www.kssl.ie</a>
Leach Structural Steelwork Ltd <a href="http://www.leachsteel.com">www.leachsteel.com</a>
Legge Steel (Fabrications) Ltd <a href="http://www.leggesteel.co.uk">www.leggesteel.co.uk</a>
Littleton Steel Ltd <a href="http://www.littletonsteel.com">www.littletonsteel.com</a>
M Hasson & Sons Ltd <a href="http://www.hassons.com">www.hassons.com</a>
M&S Engineering Ltd <a href="http://www.mandsengineering.co.uk">www.mandsengineering.co.uk</a>
M.J. Patch Engineering Ltd <a href="http://www.mjpatch.co.uk">www.mjpatch.co.uk</a>
Mackay Steelwork & Cladding Ltd <a href="http://www.mackaysteelworkcladding.co.uk">www.mackaysteelworkcladding.co.uk</a>

Midland Structures Limited <a href="http://www.midlandstructures.com">www.midlandstructures.com</a>
Murphy International Ltd <a href="http://www.murphygroup.com/ie">www.murphygroup.com/ie</a>
Nationwide Structures Ltd <a href="http://www.nwsltd.com">www.nwsltd.com</a>
Newbridge Engineering Ltd <a href="http://www.neluk.com">www.neluk.com</a>
North Lincs Structures <a href="http://www.northlincsstructures.uk">www.northlincsstructures.uk</a>
Painter Brothers Ltd <a href="http://www.painterbrothers.com">www.painterbrothers.com</a>
Peter Marshall Steel Stairs Ltd <a href="http://www.marshallstairs.com">www.marshallstairs.com</a>
PMS Fabrications Ltd <a href="http://www.pmsfabrications.co.uk">www.pmsfabrications.co.uk</a>
REIDsteel <a href="http://www.reidsteel.com">www.reidsteel.com</a>
SAH Luton Ltd <a href="http://www.sahluton.co.uk">www.sahluton.co.uk</a>
SDM Fabrication Limited <a href="http://www.sdmstructures.com">www.sdmstructures.com</a>
Severfield plc <a href="http://www.severfield.com">www.severfield.com</a>

Shaun Hodgson Engineering Ltd <a href="http://www.sheltd.co.uk">www.sheltd.co.uk</a>
ShipleY Structures Ltd <a href="http://www.shipleYuk.com">www.shipleYuk.com</a>
Snashall Steel Fabrications Co Ltd <a href="http://www.snashallsteel.co.uk">www.snashallsteel.co.uk</a>
Southern Fabrications (Sussex) Ltd <a href="http://www.southernfabricationssussex.co.uk">www.southernfabricationssussex.co.uk</a>
Stage One <a href="http://www.stageone.co.uk">www.stageone.co.uk</a>
Steel & Roofing Systems <a href="http://www.steelandroofingsystems.ie">www.steelandroofingsystems.ie</a>
TSI Structures Ltd <a href="http://www.tsisttructures.com">www.tsisttructures.com</a>
Walter Watson Ltd <a href="http://www.walter-watson.co.uk">www.walter-watson.co.uk</a>
Westbury Park Engineering Ltd <a href="http://www.westburyparkengineering.co.uk">www.westburyparkengineering.co.uk</a>
WIG Engineering Ltd <a href="http://www.wigsteel.co.uk">www.wigsteel.co.uk</a>
William Haley Engineering Ltd <a href="http://www.haleyengineering.co.uk">www.haleyengineering.co.uk</a>
William Hare Ltd <a href="http://www.hare.com">www.hare.com</a>



Scan to access the BCSA  
RQSC Steelwork Contractor  
Members for Buildings listing





**These companies are Members of the BCSA and hold the RQSC for Bridgeworks quality badge. They undertake the design, fabrication and erection of bridges and other civil engineering infrastructure projects.**

# BCSA RQSC

## Steelwork Contractors for Bridgeworks

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Adey Steel Ltd  
[www.adeysteel.co.uk](http://www.adeysteel.co.uk)

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AJ Engineering & Construction Services Ltd  
[www.ajengineering.co.uk](http://www.ajengineering.co.uk)

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ASD Westock Ltd  
[www.asd.ltd/westok](http://www.asd.ltd/westok)

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Beaver Bridges Limited  
[www.beaverbridges.co.uk](http://www.beaverbridges.co.uk)

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BHC Ltd  
[www.bhc.ltd.uk](http://www.bhc.ltd.uk)

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Billington Structures Ltd  
[www.billington-structures.co.uk](http://www.billington-structures.co.uk)

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Bourne Group Ltd  
[www.bournegroup.ltd](http://www.bournegroup.ltd)

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Briton Fabricators Ltd  
[www.britonsltd.co.uk](http://www.britonsltd.co.uk)

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Cairnhill Structures Ltd  
[www.cairnhillstructures.co.uk](http://www.cairnhillstructures.co.uk)

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Cementation Skanska Ltd  
[www.skanska.co.uk](http://www.skanska.co.uk)

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D Hughes Welding & Fabrication Ltd  
[www.dhwelding.com](http://www.dhwelding.com)

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ECS Engineering Services Ltd  
[www.ecsengineeringservices.com](http://www.ecsengineeringservices.com)

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Four-Tees Engineers Ltd  
[www.fourtees.co.uk](http://www.fourtees.co.uk)

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Had Fab Ltd  
[www.hadfab.co.uk](http://www.hadfab.co.uk)

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Jamestown Manufacturing Ltd  
[www.jamestownprofiling.com](http://www.jamestownprofiling.com)

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Kiernan Structural Steel Ltd  
[www.kssl.ie](http://www.kssl.ie)

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M&S Engineering Ltd  
[www.mandsengineering.co.uk](http://www.mandsengineering.co.uk)

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M Hasson & Sons Ltd  
[www.hassons.com](http://www.hassons.com)

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Millar Callaghan Engineering Services Ltd  
[www.millarcallaghan.co.uk](http://www.millarcallaghan.co.uk)

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Murphy International Ltd  
[www.murphygroup.com/ie](http://www.murphygroup.com/ie)

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Nusteel Structures Ltd  
[www.nusteelstructures.com](http://www.nusteelstructures.com)

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REIDsteel  
[www.reidsteel.com](http://www.reidsteel.com)

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Severfield plc  
[www.severfield.com](http://www.severfield.com)

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William Hare Ltd  
[www.hare.com](http://www.hare.com)



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RQSC Steelwork Contractors  
for Bridgeworks listing





**Stakeholder Members are made up of clients, professional offices and educational establishments, which support the development of national steelwork specifications and improving the quality, safety and efficiency of the industry.**

# BCSA

## Stakeholder Members

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Griffiths & Armour  
[www.griffithsandarmour.com](http://www.griffithsandarmour.com)

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Keith's Welding Limited  
 07791 432078

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Magna Inspections Ltd  
[www.magnainspections.com/](http://www.magnainspections.com/)

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MMCEngineer Ltd  
[www.mmcengineer.com](http://www.mmcengineer.com)

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National Highways  
[www.nationalhighways.co.uk](http://www.nationalhighways.co.uk)

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Paul Hulme Engineering  
 07801 216858

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Sandberg LLP  
[www.sandberg.co.uk](http://www.sandberg.co.uk)

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Solent Commercial Management Limited  
[www.scmltd.co.uk](http://www.scmltd.co.uk)

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Structural and Weld Testing Services Ltd  
[www.swtndt.co.uk](http://www.swtndt.co.uk)

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Sum ADR Limited  
[www.sum-adr.co.uk](http://www.sum-adr.co.uk)

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Thames Welding Ltd  
[www.thameswelding.com](http://www.thameswelding.com)



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 Stakeholder Members listing





**Industry Members  
are involved in the  
direct supply of  
components, material  
and products to some  
or all of our Steelwork  
Contractor Members.**

# BCSA

## Industry Members

### MANUFACTURING AND STRUCTURAL COMPONENTS

Albion Sections Ltd  
[www.albionsections.co.uk](http://www.albionsections.co.uk)

Behringer Ltd  
[www.behringerltd.co.uk](http://www.behringerltd.co.uk)

Cast Connex UK Ltd  
[www.castconnex.com](http://www.castconnex.com)

Cellbeam Ltd  
[www.cellbeam.co.uk](http://www.cellbeam.co.uk)

Duggan Profiles & Steel Service Centre Ltd  
[www.steel.ie](http://www.steel.ie)

Fabsec Ltd  
[www.fabsec.co.uk](http://www.fabsec.co.uk)

Farrat Ltd  
[www.farrat.com](http://www.farrat.com)

Ficep (UK) Ltd  
[www.ficep.co.uk](http://www.ficep.co.uk)

Hadley Industries Plc  
[www.hadleygroup.com](http://www.hadleygroup.com)

Hi-Span Ltd  
[www.hi-span.com](http://www.hi-span.com)

Kaltenbach Ltd  
[www.kaltenbach.co.uk](http://www.kaltenbach.co.uk)

Kingspan Ltd  
[www.kingspan.com](http://www.kingspan.com)

Lincoln Electric (UK) Ltd  
[www.lincolnelectric.com](http://www.lincolnelectric.com)

Peddinghaus Corporation UK Ltd  
[www.peddinghaus.com](http://www.peddinghaus.com)

Tata Steel - ComFlor  
[www.tatasteeleurope.com/construction](http://www.tatasteeleurope.com/construction)

voestalpine Metsec Plc  
[www.metsec.com](http://www.metsec.com)

Voortman UK Ltd  
[www.voortman.net](http://www.voortman.net)

### PROTECTIVE COATINGS

Forward Protective Coatings Ltd  
[www.forwardprotectivecoatings.co.uk](http://www.forwardprotectivecoatings.co.uk)

Hempel UK Ltd  
[www.hempel.com](http://www.hempel.com)

Highland Metals Ltd  
[www.higalv.co.uk](http://www.higalv.co.uk)

International Paint Ltd  
[www.international-pc.com](http://www.international-pc.com)

Jack Tighe Ltd  
[www.jacktighe.com](http://www.jacktighe.com)

Joseph Ash Galvanizing  
[www.josephash.co.uk](http://www.josephash.co.uk)

PPG Architectural Coatings UK & Ireland  
[www.ppgac.co.uk](http://www.ppgac.co.uk)

Sherwin-Williams Protective & Marine  
Coatings  
[www.industrial.sherwin-williams.com/emeai/gb/en/protective-marine.html#](http://www.industrial.sherwin-williams.com/emeai/gb/en/protective-marine.html#)

Vale Protective Coatings Ltd  
[www.valeprotective.co.uk](http://www.valeprotective.co.uk)

Wedge Group Galvanizing Ltd  
[www.wedge-galv.co.uk](http://www.wedge-galv.co.uk)

### SITE SERVICES AND INSTALLATION

Composite Profiles UK Ltd  
[www.compositeuk.com](http://www.compositeuk.com)

Construction Metal Forming Ltd  
[www.cmf.uk.com](http://www.cmf.uk.com)

Deconstruct UK Ltd  
[www.deconstructuk.com](http://www.deconstructuk.com)

easi-edge Ltd  
[www.easi-edge.co.uk](http://www.easi-edge.co.uk)

Keltbray Holdings Ltd  
[www.keltbray.com](http://www.keltbray.com)

MSW UK Ltd  
[www.mswukltd.co.uk](http://www.mswukltd.co.uk)

Prodeck-Fixing Ltd  
[www.prodeckfixing.co.uk](http://www.prodeckfixing.co.uk)

Structural Metal Decks Ltd  
[www.smdltd.co.uk](http://www.smdltd.co.uk)

Stud-Deck Services Ltd  
[www.studdeckservices.co.uk](http://www.studdeckservices.co.uk)



**SOFTWARE**

Autodesk Ltd  
[www.autodesk.co.uk](http://www.autodesk.co.uk)

IDEA StatiCa UK Ltd  
[www.ideastatica.uk](http://www.ideastatica.uk)

STRUMIS Ltd  
[www.strumis.com](http://www.strumis.com)

Trimble UK Limited  
[www.trimble.com](http://www.trimble.com)

**STEEL PRODUCERS AND STOCKHOLDERS**

AJN Steelstock Ltd  
[www.ajnsteelstock.co.uk](http://www.ajnsteelstock.co.uk)

ArcelorMittal Distribution Solutions UK  
[www.arcelormittal.com](http://www.arcelormittal.com)

ASD LTD – Stourton  
[www.asd.ltd](http://www.asd.ltd)

Barrett Steel Limited  
[www.barrettsteel.com](http://www.barrettsteel.com)

British Steel Ltd  
[www.britishsteel.co.uk](http://www.britishsteel.co.uk)

Cleveland Steel & Tubes Ltd  
[www.cleveland-steel.com](http://www.cleveland-steel.com)

Daver Steels Ltd  
[www.daversteels.co.uk](http://www.daversteels.co.uk)

Dent Steel Services (Yorkshire) Ltd  
[www.dentsteel.co.uk](http://www.dentsteel.co.uk)

European Metal Recycling Ltd  
<https://uk.emrgroup.com>

Murray Steel Products  
[www.murraysteelproducts.com](http://www.murraysteelproducts.com)

National Tube Stockholders Ltd  
[www.nationaltube.co.uk](http://www.nationaltube.co.uk)

Rainham Steel Co Ltd  
[www.rainhamsteel.co.uk](http://www.rainhamsteel.co.uk)

Tata Steel - Tubes  
[www.tatasteeleurope.com](http://www.tatasteeleurope.com)

The Alternative Steel Co Ltd  
[www.alternativesteelco.co.uk](http://www.alternativesteelco.co.uk)

**STRUCTURAL FASTENERS**

Advanced Bolting Solutions Limited  
[www.molabolt.co.uk](http://www.molabolt.co.uk)

BAPP Group Ltd  
[www.bapp.co.uk](http://www.bapp.co.uk)

Cooper & Turner Ltd  
[www.cooperandturner.co.uk](http://www.cooperandturner.co.uk)

Howmet Fastening Systems Ltd  
[www.hfsindustrial.com/](http://www.hfsindustrial.com/)

Lindapter International  
[www.lindapter.com](http://www.lindapter.com)

Tension Control Bolts Ltd  
[www.tcbolts.com/en/](http://www.tcbolts.com/en/)



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 Industry Members listing





BCSA has working groups across a number of different areas. All Members are welcome to join one or as many of the working groups as they wish.

# BCSA

## Working Groups



**Fabrication and Welding**  
Acting Chairman: David Moore  
Meets twice a year



**Steel Stockholders**  
Chairman: David Moore  
Meets once a year



**Connections (CB/203-4)**  
Chairman: Alan Rathbone  
Meets twice a year



**Digital Technology**  
Chairman: Kevin Campbell  
Meets once a year



**Fasteners**  
Chairman: Dave Briggs  
Meets twice a year



**Cold-formed Sections**  
Chairman: Mark Davies  
Meets twice a year



**Sustainability**  
Chairman: Roy Fishwick  
Meets four times a year



**Metal Decking**  
Acting Chairman: Pete Walker  
Meets twice a year



**Structural Steel Reuse**  
Chairman: Jonathan Davis  
Meets four times a year



**Young Persons**  
Chairman: Michael Burt  
Meets four times a year







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Web: [www.bcsa.org.uk](http://www.bcsa.org.uk)