



Annual Review

2022

2023





Contents

BCSA Limited is the national organisation for the steel construction industry: its Steelwork Contractor Members undertake the design, fabrication and erection of steelwork for all forms of construction in building and civil engineering. Industry Members are those principal companies involved in the direct supply to all or some members of components, materials or products. Corporate Members are clients, main contractors, professional offices, educational establishments etc which support the development of national specifications, quality, fabrication and erection techniques, overall industry efficiency and good practice.

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, certification and health and safety matters. The Association's aim is to influence the trading environment in which member companies have to operate in order to improve their profitability.

BCSA Limited
 4 Whitehall Court, Westminster,
 London SW1A 2ES
 Tel: +44 (0) 20 7839 8566
 Email: postroom@bcsa.org.uk
 Web: www.bcsa.org.uk



The Review covers the period July 2022 to June 2023

Introduction	4
Commercial and Contracts	6
Process and Technical	8
Sustainability	12
Health and Safety	14
Training	16
Steel for Life	18
Membership	22
BCSA RQSC Bridgeworks	26
Steel Construction Certification Scheme	28
BCSA National and Regional Events	32
Market share of Constructional Steelwork	34
Consumption of Constructional Steelwork	35
BCSA RQSC Steelwork Contractor Members for Buildings.	36
BCSA RQSC Steelwork Contractors for Bridgeworks	38
BCSA Corporate Members	39
BCSA Industry Members	40
BCSA Working Groups	42

Introduction

For the last couple of years, I have been looking forward to starting this introduction with nothing but positive news, but again I have to report on the many challenges that our members have had to face. The continuing conflict in Ukraine had a big impact on the cost of raw materials with steel prices fluctuating over the past year and eventually stabilising. Yet, no sooner had the steel prices started to stabilize, then the energy price rises started to take hold, doubling and tripling for some who had to renew contracts.

However, as always, credit is due to our members who show resilience and tenacity in challenging times. Of course, the BCSA is working hard to support them too, such as the recent campaign lobbying MPs about the New Energy Bill Discount Scheme.

According to accountants, Mazars, 4,135 construction businesses – mainly SMEs/small firms – went into insolvency over the 12 months to the end of January 2023. This was a rise of 49% over the previous year. The ability of firms in the industry to cope with rising costs continues to be severely hampered by poor cashflow often the result of poor payment practices, lengthy payment terms, a myriad excuse for paying less than the amount invoiced/ applied for and non or late release of retention monies. BCSA has been supporting an amendment to the Public Procurement Bill to promote project bank accounts on all public contracts and to bring an end to cash retention.

The consumption of constructional steelwork in 2022 was 894,000 tonnes which is an increase of 11.7% on 2021 and shows the ongoing recovery of the market from the effects of COVID-19. However, the recent economic turmoil, and rising energy costs and interest rates have put the brakes on the UK economy. Nevertheless, online retail has not gone away, and attractive office space is still required even for hybrid working, so the market for constructional steelwork in 2023 remains at 867,000 tonnes.

Sustainability and the drive for net-zero has again been high on BCSA's agenda during 2022/23. BCSA has been working with the SCI to develop a design guide for sustainable construction which should be complete by the end of the year. Other initiatives included the promotion and implementation of BCSA's sustainability charter and I'm pleased to say that 58 members are certified to it and public bodies such as National Highways and the NHS New Hospital programme are considering adopting it. There has also been significant interest in reusing structural steel sections, so BCSA has formed a Structural Steel Reuse Working Group in response.

In April 2022 the Building Safety Act 2022 received Royal Assent and became law paving the way for the most significant changes to building safety regulation in a generation. The Act introduces new competence and capability requirements for those working on all buildings. To ensure that the constructional steelwork industry is ready to meet this challenge BCSA launched an updated and improved version of the Register of Qualified Steelwork Contractor (RQSC) Scheme for Buildings. In the past this register was limited to BCSA members but from 3rd April 2023 the scheme was opened to all steelwork contractors.

BCSA also published a corrigenda to the 7th edition of the National Structural Steelwork Specification in April 2023 and one of the main changes is the requirement for steelwork contractors to be RQSC approved. The changes to both the RQSC and the NSSS will enable all steelwork contractors to meet and, in many cases, exceed the competence requirements required by the Building Safety Act 2022. It will also give clients and insurance companies confidence that by selecting an RQSC (Building) steelwork contractor they are choosing a company with the right competence, capability, and credentials to safely complete the project.

In addition to the changes to the RQSC, the Association launched a new website (www.bcsa.org.uk) which we hope provides a more modern and easier to navigate 'shop front', to promote our members, and showcase what BCSA is doing to support the industry. As part of this project, new email addresses were rolled out for BCSA staff to reflect the new domain name.

The constructional steelwork sector has faced many challenges over the last couple of years and I'm pleased to say that the industry with the support of the Association has weathered these challenges. Green shoots together with an increasing confidence in the economy are appearing and I'm confident that both the industry and the Association are fit to face whatever new challengers lie ahead.



Dr David Moore
Chief Executive Officer



Mr Mark Denham
President



Commercial and Contracts

Widening knowledge of current commercial and legal issues to assist members in getting the best value from their contracts.

BCSA's Commercial and Contracts function provides help and support for members to improve their commercial position. It does this through the provision of direct advice and training of members, through projects initiated and managed by the Commercial and Contracts Committee, together with liaison with Government and industry bodies and by the provision of general guidance.

BCSA's Commercial and Contracts Committee provides the primary forum for anonymised discussion of general industry issues. This committee also decides upon and manages individual projects that it considers will be of benefit to all members. It is well-attended with on average 15 members representing all the membership regions.

Material price rises and difficult economic conditions

BCSA was a key conduit for information for members during the post pandemic construction recovery and through challenging economic conditions. Guidance was provided generally and individually on the 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 be a part of Build UK, Construction Industry Collective Voice (CICV) Forum and the Construction Industry Council (CIC) to gather and share advice and speak directly to Government.

Webinars

BCSA was able to offer a number of webinars to members in 2022/23 from commercial and financial issues and taxation to contractual risks and legal guidance: Building Safety Act, payment and the Construction Act, dispute resolution and the low value adjudication procedure, contractual risks and negotiation. These were well-attended and also serve as a permanent resource on the members' only area of the website. BCSA staff have also resumed member visits and have provided bespoke training.

Member Resources

BCSA continues to develop further legal resources as a member-only benefit. BCSA has widened access to and raised awareness of the member resources available on the newly revised website such as:

- **Disputes Resolution Helpline**
Free expert advice is available to members on BCSA's disputes resolution telephone and email service
- **Subcontract terms and conditions to look out for**
This spreadsheet, which allows members to track negotiations on their subcontract documents and gives a succinct summary of the implications of common onerous clauses, is regularly updated. Presentations on contract formation and due diligence were given at BCSA regional meetings.
- **JTC Taxation Newsline**
BCSA subscribes to a newsletter and advice service providing expert construction tax advice which is available to members on the website. There is also an advice section on IR35/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 guide to fair contract terms intended to help members in reviewing and drafting contracts and continues to be regularly updated. These terms were also 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, documents and checklists giving general information, and details of Build UK free helplines are available in the members' area of the BCSA website to assist members in managing their contracts and businesses.

Future projects

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

Amazon Dub 68/78, Blanchardstown – Duggan Steel





Process and Technical

Assisting members to deliver quality, cost effectiveness and buildability.

BCSA's Process and Technical team supports its members by providing them with technical advice on a range of subjects, promoting research and technology to develop guidance and practical rules on the design and fabrication of structural steelwork. BCSA's Process and Technical team achieved the following in 2022/23.

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 service for coatings and welding

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

Conformity Assessment

In 2022/2023, the BCSA continued to provide advice on Conformity Assessment (UK and CE marking) to BCSA members and the wider construction industry. CE marking and UKCA marking will both be accepted in Great Britain until 30th June 2025.

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 2022/2023 BCSA and Steel for Life continued its programme of technical activities including:

1. Deflection limits for mega-sheds

BCSA continues supporting a 4-year PhD student at Imperial College London to carry out research into the deflection limits for mega-sheds, with the following objectives:

- To study the effect of interaction between steel frame and cladding on the three-dimensional performance of steel portal frames by means of finite element models and investigate the influence of key variables, including different frame and cladding arrangements on overall performance
- To study the scale and relative flexibility of the frame and cladding and their effect on the connecting elements
- To identify potential problems and propose a mitigation strategy

2. Design recommendations for sustainable steel construction

BCSA is funding the SCI to produce a design guide explaining what steelwork designers can do to make their buildings more sustainable. The focus is lightweight (low embodied carbon) structures through efficient design, while addressing the broader sustainability benefits of steel construction. The guide will also identify opportunities for the reuse of reclaimed steelwork in new projects.

3. Review of stiffening requirements at the sharp end of a portal frame haunch

BCSA has commissioned the SCI to review the current practice of forming the transverse weld at the end of a portal frame haunch, in line with BS 5950 and Eurocode 3 requirements. A technical report has been produced and it confirms that current UK practice is safe and that the rules from BS 5950 should be followed.



Stockingfield Bridge on the Forth & Clyde Canal, Glasgow – SH Structures Ltd



150 Holborn, London – Severfield plc



Lamptey Interchange, Accra, Ghana – Briton Fabricators Ltd

4. Holding down arrangements

BCSA has commissioned the SCI to review the publications on the design of connections (the Green Books) in line with the 2nd generation of 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 for the design of fastenings for use in concrete.



National Structural Steelwork Specification for Building Construction

The BCSA has issued a corrigenda to the first printing of the 7th edition of the NSSS, dated September 2020, which includes:

- Making the certification to the “Registration of Qualified Steelwork Contractors Scheme for Buildings” mandatory, in line with the competence requirements in the Building Safety Act 2022
- Compliance with the Model specification for the purchase of structural bolting assemblies and holding down bolts (current issue 13.1)

These changes were incorporated in the first revision dated 3rd April 2023, and will come into force on 2nd October 2023.

National Specification for Light Gauge Steel Framing

The objective of this specification is to achieve greater uniformity in light gauge steel framing project specifications and to be recognised as a document that can be incorporated readily into the contract documentation to specify acceptable standards for the fabrication and erection of light gauge steel framing for buildings. The 1st edition of this specification should be available by the end of 2023.

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 2022/23 include:

- FprEN 1993-1-1:2022 – General rules and rules for buildings was published in November 2022
- Drafts 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 will be sent for Formal Vote in Q4 2023

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

www.steelconstruction.info

The www.steelconstruction.info web site, which was launched in 2012, was updated regularly with the latest technical information and case studies, and continues to be an excellent source of information on steel construction for the wider construction industry.

New articles and content added in 2022/23 included:

- Project case studies
- Advisory Desk Notes
- Articles covering the cost of structural steelwork have been updated quarterly
- Details of the 2022 SSDA winning projects
- The seventh NSC Technical Digest
- Steel for Life press supplements in Construction Manager and Building magazine
- Steel for Life CPD articles in Building magazine
- Steel Construction - Sustainable Procurement supplement

Over the year, approximately 50% of the entire content of the website was reviewed and updated as part of a formal maintenance programme to ensure that technical information on the website remains up-to-date.



Dumfries Baptist Church, Dumfries, Scotland – PMS Fabrications Ltd



Eco Park South – Waste Recycling Hub for North London Waste – Caunton Engineering Ltd



HS2 Colne Valley project – Taziker Industrial Ltd



Sustainability



Of the multiple facets of sustainability, embodied carbon remains the priority for many and continues to influence construction decision-making.

Several influential whole-life carbon initiatives are under development in the UK including:

- A proposed Part Z to the Building Regulations requiring whole life carbon measurement and the setting of embodied carbon targets for buildings
- The Carbon Emissions (Buildings) Bill – 2nd reading stage
- Development of a UK Net Zero Carbon Building Standard
- Update of the RICS Professional Statement relating to whole life carbon assessments

BCSA is actively engaged with these initiatives to ensure that they are aligned and treat steel construction fairly. There is a concern that simple embodied carbon metrics for UK buildings may have unintended consequences on global greenhouse gas emissions, for UK steelmakers and on the longer-term security of the supply of steel for downstream manufacturing sectors including construction. Going forward, addressing this concern will be a priority for BCSA.

There is a growing movement to retain and refurbish buildings rather than demolish and replace them with new buildings. Building refurbishment offers many opportunities for structural steel. Where buildings are deconstructed, there is significant and growing interest in reusing structural steel rather than recycling it.

BCSA sustainability activity continues in two main areas:

1. Supporting members to adopt more sustainable practices
2. Engagement with clients, structural engineers and others, notably Government and construction institutions, to communicate the sustainable credentials of steel and steel construction

BCSA Structural Steelwork Decarbonisation Roadmap

Launched in 2021, this roadmap remains an overarching framework for BCSA and its members to decarbonise the sector in alignment with national targets. Design efficiency guidance, led by SCI, is nearing completion and will be published in 2023. BCSA is co-ordinating initiatives on steel reuse – see below – a key aspect of the circular construction economy. The major steelmakers supplying structural steel to the UK, have made important commitments to decarbonise and a growing number of steelwork contractors are taking steps to measure and reduce their carbon footprints.



BCSA Steel Construction Sustainability Charter (SCSC)

The BCSA Sustainability Charter was updated in 2021. In particular, the revised Charter responds to the growing requirement to measure, report and set targets for environmental impacts, including carbon emissions. Public sector client bodies, such as National Highways and the NHS New Hospitals Programme, are interested in adopting the BCSA Sustainability Charter and therefore it is important that the assessment scheme is robust.

BCSA is working closely with many members to help them meet the requirements of the Charter and achieve a higher status. New guidance on meeting the 2021 SCSC requirements was issued in 2023.

Structural steel reuse

In response to the growing interest in structural steel reuse, BCSA has established a new working group comprising around 30 leading organisations across the UK steel reuse supply chain. The aim of the working group is to coordinate activities and to identify and prioritise areas where research and/or guidance is required to support this growing market.

BCSA is also engaged with the development of the CEN TC135 committee developing a European technical specification for steel reuse.



BCSA Sustainability Group

The BCSA Sustainability Group remains an active and well attended group (with around 40 members) and meets virtually, three times a year. It provides a forum for members to keep up to date on the many 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 the use of biodiesel and hydrotreated vegetable oil (HVO), electric vehicles and plant and included external presentations from WSP and SteelZero.

BCSA carbon foot-printing tools

Measuring and reporting Scope 1 & 2 carbon emissions is a requirement under the RQSC and the BCSA Sustainability Charter (Bronze level and above). Members are also increasingly being asked to measure and report their carbon emissions by their clients. BCSA has updated its carbon footprint tools in 2023 to include the latest Government carbon emission factors. BCSA is supporting many members measuring their company carbon emissions for the first time.

BCSA engagement with the wider construction industry

In addition to member engagement, BCSA is actively engaged with many organisations leading on sustainable construction. During 2022/23, this has included:

- IStructE - The Institution of Structural Engineers
- LETI – The London Energy Transformation Initiative
- RICS – Royal Institution of Chartered Surveyors
- RIBA – Royal Institute of British Architects
- ResponsibleSteel and SteelZero
- CIREG – Construction Insurance Risk Engineers Group

BCSA has also delivered sustainability presentations and webinars to companies including Skanska and Pell Frischmann and organised and hosted panel discussions on decarbonising the structural steelwork sector at the UK Metals Expo and FutureBuild.



Health and Safety



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

The BCSA Health and Safety Committee works together to develop good practice guides and information that helps and supports the steelwork industry to continue working safely.

Health and Injury

The Accident Frequency Rate (AFR) rate for 2022 was 0.3 for BCSA members based on the injuries reported under the Reporting of Injuries, Diseases and Dangerous Occurrences Regulations. This continues to show the industry injury rate is well below the targets that were set by industry and the Government.

The drive to reduce injuries in the constructional steelwork industry continued to be a focus of BCSA's Health and Safety Committee. This was achieved by identifying injury trends through annual data collection and then sharing members' knowledge to develop good practice guidance.

CHAS Scheme

BCSA established a partnership with CHAS so members could benefit by saving up to 20% on CHAS Accreditation. Members are able to save 20% off the first year's membership and then 10% off subsequent years. Details are available on the members' area of the BCSA website to redeem this offer. Members can also learn more about CHAS accreditation and get access to the discount codes.

Behavioural Based Safety Programmes

The BCSA 'Be Selfish Be Safe' programme has a simple message that can be adopted by the workforce and as a result should be self-driven. To help support the health and safety message over 40 monthly health and safety themes and toolbox talks are available to members. These can be used in the workplace as training talks and/or posters to ensure good working practices are given a high profile and actively supported.

Health and Safety Forums

BCSA worked with other Trade Associations to establish common areas of health and safety concern. The following forums are actively attended:

- Construction Industry Collective Voice (CICV) Forum
- Engineering Construction Industry Association (ECIA)
- Metals Industry Forum Education and Training Working Group (UKMC)
- Metals Industry Liaison Group (EA)
- Mobile Elevating Work Platforms (MEWPs)
- UK Safety Forum
- Institution of Occupational Safety and Health (IOSH)
- Weld Fume Health Partnership Forum (HSE)
- Safety Health Engineering Partnership (SHEP)

Building Safety Act 2022

The constructional steelwork industry has administered a competency scheme for the National Highways called the Registered Steelwork Contractors Scheme (RQSC) for Bridgework. The scheme was adopted for the BCSA membership process some years ago and is now used to ensure BCSA members are categorised and classified for the relevant levels and types of structures. The Buildings version of RQSC will ensure that steelwork Building contractors are competent which is a requirement of the new Building Safety Act 2022.

Future projects

- Review of the UK Health and Safety Regulations and guidance
- Review of existing H&S publications



Langley Station – Bourne Group Ltd



Maison Des Avocats, Paris - Hempel UK Ltd



Church Lane Bridge, A45, Solihull, Birmingham – Skanska Fabrications



Training

Supporting a skilled and qualified workforce.



Apprenticeships

The number of apprenticeship training enrolments continue at a low level due to the bureaucracy of the apprenticeship schemes in England. To try and increase the take up of the apprenticeships in England the 'Kick Start' scheme was introduced with an incentive offered to employers that take on apprentices for the first time.

BCSA is working on the T Level Action Group to try and promote the qualification by making it known to a wider audience and provide specific information for employers to encourage them to use the T level programmes.

BCSA continues to monitor the Government initiatives for training and skills and will identify the relevant information to make sure the members are given informed choices to help maintain training programmes within the industry.

The BCSA continued running the following training courses:

Bolting Competency Training

The National Highways Sector Scheme 20 requires steelwork contractors to be on the Register of Qualified Steelwork Contractors (RQSC) which is a third-party assessment scheme to give confidence to the clients and industry that they are competent contractors. A recognised Bolting Competency Training course and assessment is required for this and there continues to be a steady stream of candidates undertaking the training to become Level 3 Bolting Coordinators or the Level 2 Bolting Inspectors and train their Level 1 Bolting Operatives.

Temporary Works Coordinator

The BCSA also launched a training course for "Management of Temporary Works Coordination in Steelwork (MTWC)", which is specific to the constructional steelwork industry and gives details of the standards and the practical implementation of policies and procedures the industry needs to manage.

This course was developed and assumes that steelwork contractors will be "managing sub-contractors" (i.e. have their own TWC).

The course is steelwork specific but generic enough to ensure each company can have its own procedures meeting the recommendations set out in BS 5975: 2019 and the following are only dealt with in general terms:

- Implementation risk class
- Design check category

This includes a template procedure which is aimed at those who might not have one. The template forms include:

- Temporary works register
- Design brief
- Design check certificate

Responsible Painting Coordinator

The Responsible Painting Coordinator (RPC), oversees all aspects of the application of both protective coatings and intumescent systems, including the (i) specification, (ii) preparation of the steel, (iii) application of the paint, (iv) inspection and the use of instruments, and (v) health and safety requirements. The RPC is also responsible for ensuring the qualifications and training of those preparing the steel, the paint applicators and the inspectors meet the required standards.

Responsible Welding Coordinator

The Responsible Welding Coordinator (RWC) is for companies wishing to train their own RWC to up to and including comprehensive level to BS EN ISO 3834 for UKCA marking. This course is organised as and when the demand is appropriate.



University of Hertfordshire – Composite Profiles UK Ltd



Pembroke Converter Station, South Wales - Shipley Structures Ltd



Building 1, Foundation Park, Maidenhead – Snashall Steel Fabrications Co Ltd



Steel for Life



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

About Steel for Life

Steel for Life was founded to and continues to raise the profile of steel as a construction material. By promoting its many benefits, features and diversity for a wide range of constructional outputs, it aims to raise its market share making it the go to material of choice with specifiers.

This is done though providing high level information and conducting research which helps to generate tools to develop strong specifications and designs.

Steel for Life is governed by an independent Advisory Board, comprising BCSA members and headline sponsors.

We are extremely grateful to our sponsors, who underpin this activity.

Structural Steel Design Awards 2022

The 54th Design Awards were announced to a full house at Christ Church in Spitalfields. Sponsored by BCSA and Trimble Solutions (UK), the event generated a great deal of publicity prior and post event across various industry publications and social media.

The Judges were once again impressed by the remarkably high standard of entries and thought all the shortlisted projects showed merit. Chairman of the Judges, Chris Nash said *"Again, this year there was a wide range of types of projects entered for the scheme. Scales of entry ranged from the largest prestige city office buildings to beautiful footbridges, and we were particularly interested in projects that reflect a commitment to reducing lifetime carbon use"*.

As always, the Awards celebrated and showcased some of the most impressive 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 remains paramount to promote www.steelconstruction.info and key issues/updates in the industry, using our social media channels – LinkedIn, Twitter, Facebook and YouTube.



New Steel Construction Magazine

New Steel Construction (NSC) continued to be published in association with the SCI in both print and digital formats with 10 issues per year, supported by a Weekly News service.



Email alerts for each issue are now sent to over 8,200 named specifiers from across the construction supply chain, and the print format circulation reaches over 5,000. The magazine is also available digitally on www.newsteelconstruction.com

In January 2023 the NSC Technical Digest was published in PDF format, which brings together all of the Advisory Desk Notes and Technical Articles from the steel construction sector published in NSC magazine throughout the year. It was widely promoted via NSC, BCSA, NCE and The Structural Engineer.

Future projects

- The 55th Structural Steel Design Awards will be held in central London in late September 2023 and is jointly sponsored by BCSA and Steel for Life
- Collaboration with AECOM continues to provide construction professionals with regular updates on costing information for structural steelwork



Cove House, Bosham, West Sussex – Southern Fabrications (Sussex) Limited



Kiwi St, Manchester – BD Structures Ltd



Reen Rose, Cornwall – Taziker Industrial Ltd

Construction Press

A number of regular steel construction features are now well established with the leading construction press. These aim 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.

- Costing Steelwork - a quarterly feature in Building magazine, written by AECOM, to assist quantity surveyors with up-to-date information and guidance on the realistic pricing of structural steelwork. It also presents a series of cost comparisons covering five building types
- Building Magazine CPD Modules - a series of written CPD modules which contain a full technical article followed by a multiplechoice questionnaire. This year saw a CPD on Sustainable steelwork procurement
- Construction Management – a 13-page special feature showcasing the SSSA 2022 projects
- 54th SSSA commemorative brochure – showcased all the projects that received Awards, Commendations and Merits

Sustainability

Sustainability continues to be at the heart of marketing activities and early 2023 saw the launch of a new publication Steel Construction: Sustainable Procurement that was widely distributed in the construction press. Highlighting the numerous and varied initiatives underway in the steel construction sector that support sustainable procurement, this new publication provides key recommendations for specifying and procuring sustainable structural steelwork. Early 2023 also saw a major upgrade of the Steel for Life Interactive 'Blue Book' to include S460 sections, to support designers as they move to higher strength steels to minimise steel weights and embodied carbon on their journey to net zero.

Steel Essentials Seminar

The annual 'Steel Essentials - Practical Design of Structural Steelwork' CPD course, run in association with the Institution of Structural Engineers, was held online on the 3rd October 2022.

Steel for Life sponsors

HEADLINE SPONSORS



GOLD SPONSORS



SILVER SPONSORS

Barnshaw Section Benders Limited | Ficep UK Ltd | Hempel

IDEA StatiCa UK Ltd | Voortman Steel Machinery



Installation of Ficep Kronos system at John W. Laycock – Ficep (UK) Ltd



A reuse steel project in Holbein Gardens, London – Cleveland Steel & Tubes Ltd



Voortman Steel Machinery at Thorburn Group, Scotland – Voortman Steel Group



Membership

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

RQSC Steelwork Contractor Membership Services

BCSA has been representing the UK constructional steelwork sector for over a century. It is a focal point at a local, national, and international level for the constructional steelwork sector.

Acting as the sector's representative body it drives forward the sector's priorities to the wider construction industry, Government and provides expert technical, commercial, and business operation advice to its members.

BCSA:

- Drives constructional steel as the material of choice in the UK and Ireland
- Promotes the capabilities of its members to specifiers, main contractors and clients
- Provides members with expert specialist professional advice and support
- Represents member interests and lobbies Government and industry on key sector issues
- Brings members together through regular meetings and groups to discuss and tackle matters of common interest
- Organises seminars, webinars and courses tailored to member needs
- Keeps members up to date with technical advances and best practice

BCSA members have access to a wide range of services and benefits, both professional and economic, which are focused on helping the company, including a professional Head Office advisory service on a variety of topics. A comprehensive briefing and information package is issued to members electronically on an almost daily basis to keep them fully informed on current matters. There are three categories of membership:

- Steelwork Contractor Members – RQSC for Buildings &/or Bridgeworks
- Industry Members
- Corporate Members

Selecting an RQSC Steelwork Contractor Member

To select an RQSC steelwork contractor for tender lists there is no easier way of prequalifying companies than using the BCSA Membership Directories for Buildings and Bridgeworks, which can be found on <https://bcsa.org.uk/member-directories/>



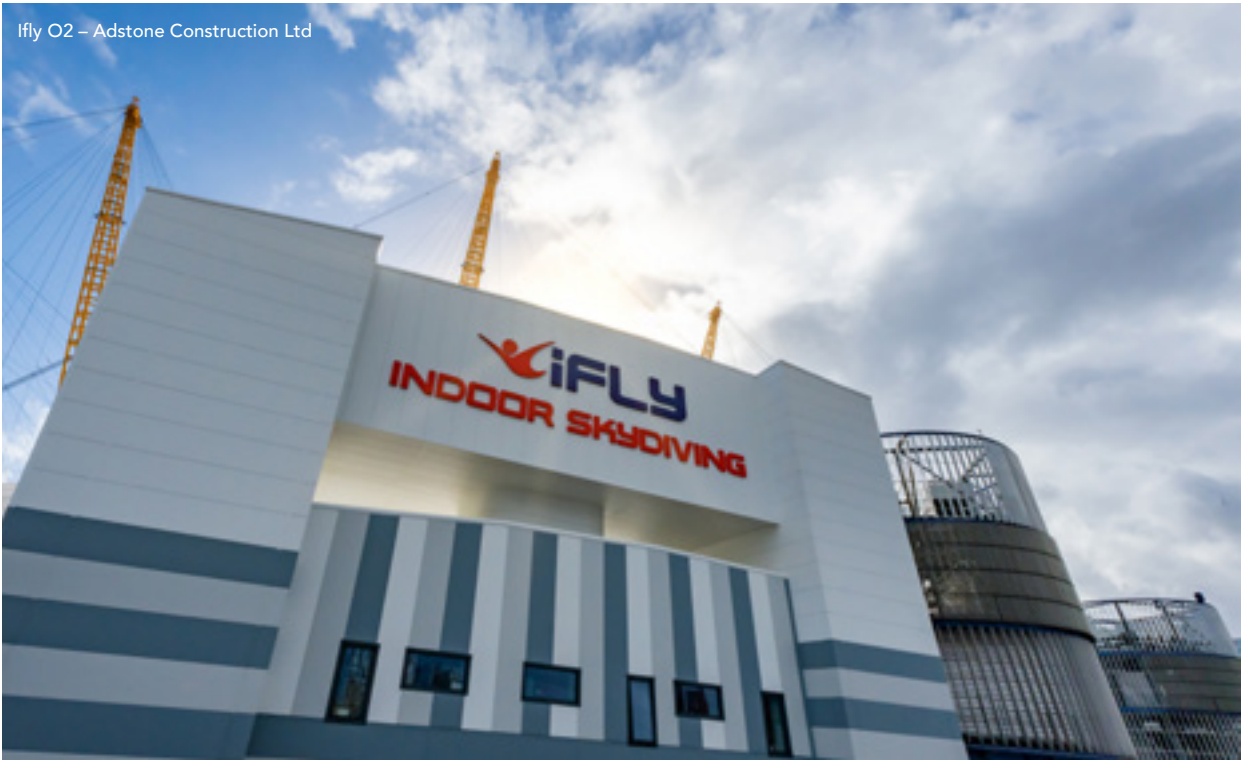
The directories should be used to select an RQSC steelwork contractor who has the special skills to suit your project. BCSA's experienced professional assessors visit all companies to assess their capabilities in 14 categories of building steelwork and 11 subcategories of bridge construction.

The categories give guidance on what type of steelwork the company is competent to undertake, which relates to the company's work facilities, its track record and its technical and management experience. Each applicant is independently assessed during a visit by reference to a range of competence criteria including technical and managerial. Companies can attain one or several buildings categories for different types of steelwork.

The directories also classify companies by suggesting a maximum contract value that they should handle. The 'class' gives guidance on the size of steelwork contract which the company has the financial and management resources to undertake. There are c80 steelwork contractor member companies of the BCSA, and this provides users with plenty of choice to ensure a competitive tender list. Membership of BCSA is open to any steelwork contractor who has a fabrication facility within the United Kingdom or the Republic of Ireland.

See – <https://bcsa.org.uk/member-directories/rqsc-buildings/>

Ifly O2 – Adstone Construction Ltd



Studio 5, Power Road Studios, Chiswick, London – TSI Structures Ltd



Cambourne Secondary School, Cambourne – SDM Fabrication Ltd



The Register of
Qualified Steelwork
Contractor
Buildings

RQSC buildings categories

Buildings Categories:

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

Contact details for each steelwork contractor can be found at the back of this annual review.

Industry Membership

Industry Members are those principal companies involved in the direct supply to all or some Members of components, materials or products.

Sub-categories of industry membership are as follows:

- Computer software
- Manufacturing equipment
- Protective systems
- Safety systems
- Steel producers
- Steel stockholders
- Structural components
- Structural fasteners
- Welding equipment and consumables
- Membership services

Selecting an Industry Member

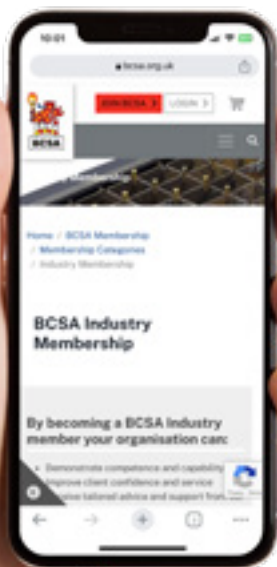
Details of the companies in each sub-category can be found at: <https://bcsa.org.uk/member-directories/industry-members/>

Corporate Membership

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

Selecting a Corporate Member

Details of Corporate Members can be found at <https://bcsa.org.uk/member-directories/corporate-members/>



Endel Street in London – HBE Services Ltd



T J Morris, Omega 8, High Bay Warehouse, St Helens – Cauntton Engineering Ltd



53 Kings Cross, London – Structural Metal Decks Ltd



B7 New Bailey, Salford – easi-edge Ltd



BCSA RQSC Bridgeworks

Demonstrating competence against capabilities in 11 sub-categories of bridge construction.

The Register of Qualified Steelwork Contractors Scheme for Bridgeworks (RQSC) is open to any Steelwork Contractor who has a fabrication facility within the UK and European Union. To be registered for Bridgeworks, a company must present references for completed supply and erect contracts that include at least three bridgework contracts (or contracts of similar complexity), of which two must each exceed £100,000 contract value completed within the last three years.

The company must have manufactured in-house at least 75% of the steelwork for each of the three contracts. The contracts must have required materials and workmanship to recognised bridgework Standards. At least one of the contracts must generally have required thick plate welding such as the butt welding of S355J2 plate in a thickness of at least 40mm.

The company's track record and the company's systems, existing facilities and employed personnel will be used to establish its capability. Companies can attain just one category, for one type of bridge steelwork, or two or more.



The Register of
Qualified Steelwork
Contractors Scheme
Bridgeworks

Bridgeworks Categories:

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

National Highways, Transport Scotland, Northern Ireland's Department for Regional Development and HS2 require that companies seeking to tender for contracts involving the fabrication and erection of bridgeworks should be listed on the Register of Qualified Steelwork Contractors for the type and value of work to be undertaken.

See <https://bcsa.org.uk/member-directories/rqsc-bridgeworks/>



Severn Valley – Heritage Rail, Kidderminster Station – Adey Steel Ltd



Bewsey Bridge, Warrington – Murphy Ireland part of the Murphy Group



Regent Street Bridge, Leeds – Cairnhill Structures Ltd

Steel Construction Certification Scheme



Ensuring Commitment to Quality,
Environmental and Occupational Health & Safety.

Certification Services – 2022

A vast majority of 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 2022 were successfully completed throughout the year either as a physical or remote audit. The voluntary certification audits for site installation compliance to BS EN 1090- 2:2008+A1:2011 also continued.

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

During 2022 SCCS actively attended the UK 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 BS EN ISO 9001:2015, BS EN ISO 14001:2015, BS EN ISO 3834:2021 (transitioned from 2005 version), BS EN 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 our newly accredited BS EN ISO/IEC 17065. Steel Construction Certification Scheme Business Performance*

Future developments

- SCCS have been accepted as an assessment body for the BUILD UK CAS (Common Assessment Standard) and hope to offer this service in Q2 2023.
- SCCS have lodged an expression of interest with UKAS to become accredited to BS 99001:2022 Quality management systems – Specification for the application of BS EN ISO 9001:2015 in the built environment sector.
- Additionally SCCS are looking into UKAS accreditation to BS ISO 19443:2018 Quality management systems – Specific requirements for the application of ISO 9001:2015 by organisations in the supply chain of the nuclear energy sector supplying products and services important to nuclear safety (ITNS) and BS EN ISO 19650-2:2018 Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) – Information management using building information modelling.



National Robotarium, Edinburgh – BHC Ltd
Photo Credit – Heriott-Watt University



Sandwell Aquatics Centre, Birmingham – Billington Structures Ltd



Quintus, Burton, Derbyshire – Adstone Construction Ltd



Steel Construction Certification Scheme Business Performance

Standard	Certified BCSA members	Certified Non BCSA members	In Process BCSA members	In Process Non BCSA members	Total Certificate Issued	Total Certificates Pending
BS EN ISO 9001:2015	61	154	0	3	215	3
BS EN ISO 14001:2015	28	37	1	0	65	1
BS EN ISO 45001:2018	27	29	1	1	56	2
BS EN ISO 3834:2005	43	79	1	1	122	2
BS EN 1090-1:2009+A1:2011	87	543	0	6	630	6
NHSS 3	0	1	0	0	1	0
NHSS 3B	11	8	0	0	19	0
NHSS 19A	5	6	0	0	11	0
NHSS 20	17	23	1	0	40	1
BS EN 14399:2015 / BS EN 15048:2007	0	3	0	0	3	0
Safety Scheme In Procurement - Standalone	8	3	0	0	11	0
Total	287	886	4	11	1173	15

As of 03 January 2023



Airport Terminal, Kumasi, Ghana - REIDsteel



Grantham Southern Distributor Road – Briton Fabricators Ltd



Argyle Street, Glasgow - Severfield plc



BCSA's National and Regional Events

BCSA organises and holds several events throughout the year, which look to bring larger numbers of members together, as well as smaller more informal meetings with local MPs.

These provide a time for networking with peers, celebrating all the achievements of our members, a chance to showcase competency to local MPs and an opportunity to lobby them to bring about change with issues our industry and members face.

Lobbying and showcasing our members

Throughout the period of this annual review, we have invited a number of MPs to visit members located in their constituency. They have not only been surprised to see the levels and types of work that is undertaken in their area, but the skills required by all the employees.

MP visits in 2022/23 include:

- Ian Harrison (DIT Midlands Head of Exports) – Briton Fabricators Ltd (14 July 22)
- Dr Caroline Johnson MP – Shipley Structures Ltd (14 July 22)
- Sir Robert Goodwill MP – William Hare, Scarborough (28 July 22)
- Chris Evans MP – William Hare, Risca (13 January 23)
- Jacob Rees-Mogg MP – Littleton Steel (10 February 23)
- Kevin Hollinrake MP – NTS (3 March 2023)

More of these are being planned for the rest of 2023, as well as an event at the House of Lords to launch the BCSA mini-manifesto which is being finalised. An event at the Welsh Assembly is being shaped around Women in Steel and skills required for the constructional steelwork sector.

Time for reflecting and celebrating

The BCSA has 3 main annual events which bring all the membership together.

• Annual General Meeting and National Meeting

Held on the same day as the National Dinner, the AGM and National Meeting is part of the BCSA constitution and various formalities are carried out. Members are invited to attend to have their say, give their votes and receive an annual update on all activity, changes in legislation and the state of the market. In addition a guest speaker is invited to impart knowledge and information, which can help shape business plans and strategies.

• National Dinner

The 2022 National Dinner was held at the iconic Madame Tussauds, and we had the pleasure of the company of 300 guests. Our debonaire attendees had time to network and enjoy the surroundings, while feasting on a 3 course meal, listening to brief speeches by the BCSA Presidents and enjoying the post dinner entertainment. We are proud to share, that over £1000 was raised for the Lighthouse Construction Industry Charity.

• Structural Steel Design Awards

As already touched on earlier in the Annual Review, the SSDAs are another highlight of the calendar, where we celebrate some of the outstanding structural steelwork projects in the UK and Ireland. It is an exclusive event, by invitation only, which sees circa 280 people representing the teams involved in the projects which are up for an award.

By becoming a BCSA member, you will have the chance to get involved with all of these opportunities and more, where we share best practice, discuss the state of trade and look at specialisms in the industry to develop best practice and specifications. These include;

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



Dr Caroline Johnson MP at Shipley Structures Ltd



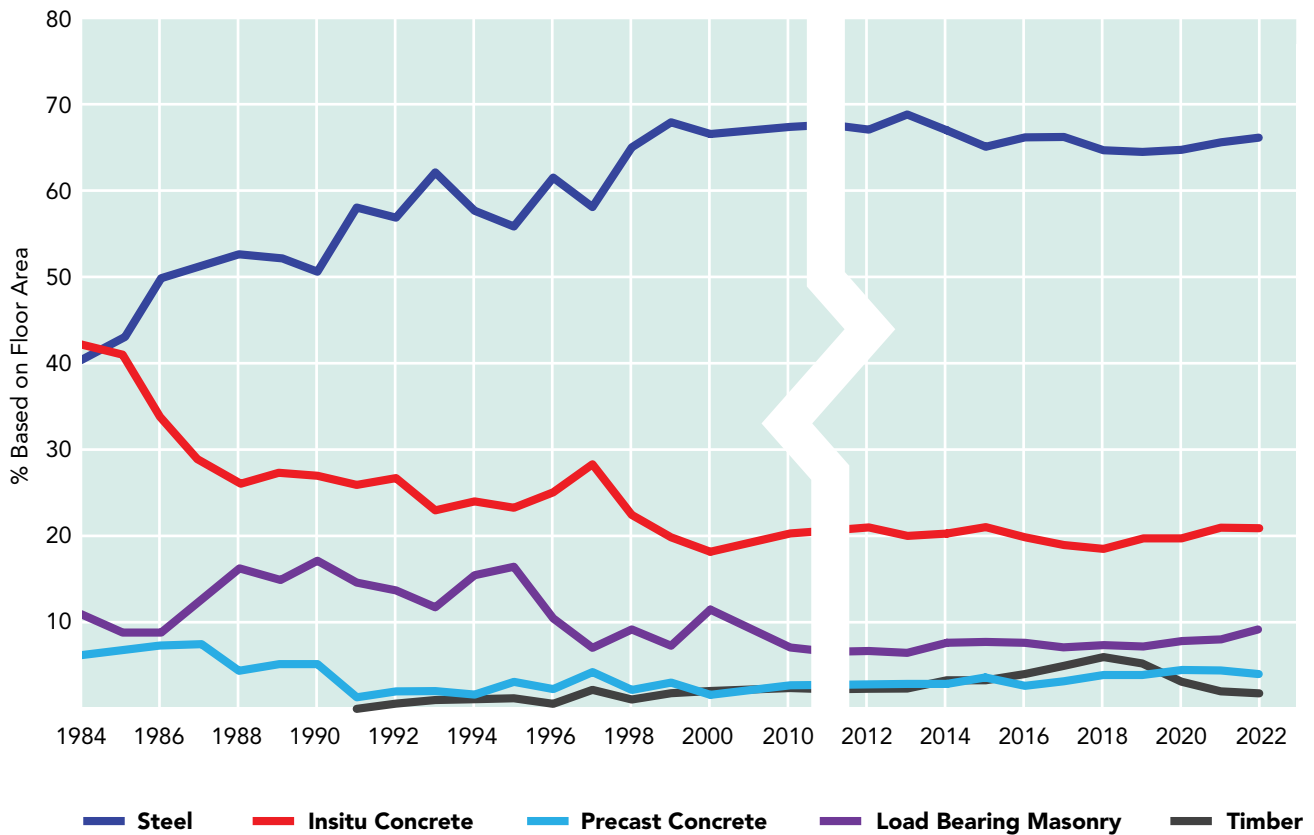
MPs Chris Evans and Rhianon Passmore at William Hare (Risca)



Structural Steel Design Awards 2022, Christ Church, Spitalfields, London

Market share of Constructional Steelwork

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



Consumption of Constructional Steelwork

UK Consumption of Construction Steelwork

SECTOR	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	FORECAST		
											2023	2024	2025
Industrial	350	378	407	431	416	431	424	330	384	461	443	444	445
Offices	88	87	106	124	123	104	100	83	91	98	96	97	98
Retail	20	21	21	18	17	16	11	6	5	5	5	5	5
Leisure	31	37	34	28	37	36	29	25	23	23	21	21	22
Health	31	30	27	25	22	15	17	12	16	20	20	20	20
Education	87	95	98	85	79	75	71	48	47	47	42	42	43
Power	43	51	57	67	74	85	89	79	103	106	108	111	114
Bridges	23	24	29	22	17	21	17	23	31	31	29	27	25
Other Infrastructure	28	29	30	34	35	40	46	41	59	62	64	66	68
Domestic	8	6	9	13	12	11	12	8	6	5	4	4	5
Agriculture	36	16	18	16	16	17	15	9	9	8	8	8	9
Other	10	9	7	9	10	10	10	8	8	9	8	8	8
Fabricated Imports	18	19	20	21	19	18	18	14	18	20	19	18	17
Total UK Consumption	773	802	864	892	876	879	858	686	801	894	867	871	878
Yr-on-yr % Change	-0.6%	3.8%	7.6%	3.3%	-1.8%	0.3%	-2.4%	-20.0%	16.7%	11.7%	-3.0%	0.5%	0.8%

Figures in thousand tonnes.

Figures supplied by BCSA and Steel for Life.



BCSA RQSC Steelwork Contractor Members for Buildings

These are the companies who 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.

A C Bacon Engineering Ltd
www.acbacon.co.uk

Adey Steel Ltd
www.adeysteel.co.uk

Adstone Construction Ltd
www.adstone-construction.co.uk

AJ Engineering & Construction Services Ltd
www.ajengineering.co.uk

Angle Ring Company Ltd
www.anglering.com

Arminhall Engineering Ltd
www.arminhall.co.uk

Arromax Structures Ltd
www.arromax.co.uk

ASME Engineering Ltd
www.asmeengineering.co.uk

Atlasco Constructional Engineers Ltd
www.atlasco.co.uk

B D Structures Ltd
www.bdstructures.co.uk

Ballykine Structural Engineers Ltd
www.ballykine.co.uk

Barnshaw Section Benders Ltd
www.barnshaws.com

BHC Ltd
www.bhc.ltd.uk

Billington Structures Ltd
www.billington-structures.co.uk

Border Steelwork Structures Ltd
www.bordersteelwork.co.uk

Bourne Group Ltd
www.bournegroup.ltd

Briton Fabricators Ltd
www.britonsltd.co.uk

Cairnhill Structures Ltd
www.cairnhillstructures.co.uk

Caunton Engineering Ltd
www.caunton.co.uk

Cementation Fabrications
www.skanska.co.uk

CMF Ltd
www.cmf.co.uk

Coventry Construction Ltd
www.covcon.co.uk

D H Structures Ltd
01785 246269

D Hughes Welding & Fabrication Ltd
www.dhwelding.com

Duggan Steel
www.duggansteel.ie

ECS Engineering Services Ltd
www.ecsengineeringsservices.com

Elland Steel Structures Ltd
www.ellandsteel.com

EvadX Ltd
www.evadx.com

Four Bay Structures Ltd
www.4bay.co.uk

Four-Tees Engineers Ltd
www.fourtees.co.uk

Fox Bros Engineering Ltd
www.foxbros.ie

Gorge Fabrications Ltd
www.gorgefabs.co.uk

G.R. Carr Essex Ltd
www.grcarr.com

H Young Structures Ltd
www.hyoungstructures.co.uk

Had Fab Ltd
www.hadfab.co.uk

HBE Services Ltd
www.hbeservices.co.uk

Hescott Engineering Company Ltd
www.hescott.co.uk

Hillcrest Structural Ltd
www.hillcreststructural.co.uk

Intersteels Ltd
www.intersteels.com



Scan for BCSA RQSC
Steelwork Contractor
Members for Buildings listing

J&A Plant Ltd
www.jasteel.co.uk

James Killelea & Co Ltd
www.killelea.co.uk

Kiernan Structural Steel Ltd
www.kssl.ie

Kloekner Metals UK - Westok
www.kloeknermetalsuk.com

Leach Structural Steelwork Ltd
www.leachsteel.com

Legge Steel (Fabrications) Ltd
www.leggesteel.co.uk

Littleton Steel Ltd
www.littletonsteel.com

Loaninghill Fabrications Ltd
www.loaninghillfabrication.co.uk

M Hasson & Sons Ltd
www.hassons.com

M&S Engineering Ltd
www.mandsengineering.co.uk

Mackay Steelwork & Cladding Ltd
www.mackaysteelworkcladding.co.uk

Maldon Marine Ltd
www.maldon-marine.co.uk

Murphy International Ltd
www.murphygroup.comie

Newbridge Engineering Ltd
www.neluk.com

North Lincs Structures
www.northlincsstructures.uk

Nusteel Structures Ltd
www.nusteelstructures.com

Painter Brothers Ltd
www.painterbrothers.com

Peter Marshall Steel Stairs Ltd
www.marshallstairs.com

PMS Fabrications Ltd
www.pmsfabrications.co.uk

REIDsteel
www.reidsteel.com

SAH Luton Ltd
www.sahluton.co.uk

S H Structures Ltd
www.shstructures.com

SDM Fabrication Ltd
www.sdmstructures.com

Severfield plc
www.severfield.com

Shaun Hodgson Engineering Ltd
www.sheltd.co.uk

ShipleY Structures Ltd
www.shipleYuk.com

Snashall Steel Fabrications Co Ltd
www.snashallsteel.co.uk

Southern Fabrications (Sussex) Ltd
www.southernfabricationssussex.co.uk

Steel & Roofing Systems
www.steelandroofingsystems.ie

Taziker Industrial Ltd
www.taziker.com

Temple Mill Fabrications Ltd
www.templemill.co.uk

TSI Structures Ltd
www.tsisttructures.com

W I G Engineering Ltd
www.wigsteel.co.uk

Walter Watson Ltd
www.walter-watson.co.uk

Westbury Park Engineering Ltd
www.westburyparkengineering.co.uk

William Hare Ltd
www.hare.com

As of June 2023.



BCSA RQSC Steelwork Contractors for Bridgeworks



These are the companies who 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.

Adey Steel Ltd
www.adeysteel.co.uk

AJ Engineering & Construction Services Ltd
www.ajengineering.co.uk

Billington Structures Ltd
www.billington-structures.co.uk

Bourne Group Ltd
www.bournegroup.ltd

Briton Fabricators Ltd
www.britonsltd.co.uk

Cairnhill Structures Ltd
www.cairnhillstructures.co.uk

Cementation Fabrications
www.skanska.co.uk

D Hughes Welding & Fabrication Ltd
www.dhwelding.com

ECS Engineering Services Ltd
www.ecsengineeringservices.com

Four-Tees Engineers Ltd
www.fourtees.co.uk

Jamestown Manufacturing Ltd
www.jamestownprofiling.com

Kiernan Structural Steel Ltd
www.kssl.ie

M&S Engineering Ltd
www.mandsengineering.co.uk

M Hasson & Sons Ltd
www.hassons.com

Millar Callaghan Engineering Services Ltd
millarcallaghan.co.uk

Murphy International Ltd
www.murphygroup.com/ie

Nusteel Structures Ltd
www.nusteelstructures.com

REIDsteel
www.reidsteel.com

S H Structures Ltd
www.shstructures.com

Severfield plc
www.severfield.com

Taziker Industrial Ltd
www.taziker.com

William Hare Ltd
www.hare.com



Scan for BCSA RQSC
Steelwork Contractors
for Bridgeworks listing

BCSA Corporate Members



Corporate 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.

Gene Mathers
0115 974 7831

Griffiths & Armour
www.griffithsandarmour.com

Keith's Welding Limited
07791 432078

MMCEngineer Ltd
www.mmcengineer.com

National Highways
www.nationalhighways.co.uk

Paul Hulme Engineering
07801 216858

QHSE-Interspect Ltd
www.qhse-interspect.co.uk

Sandberg LLP
www.sandberg.co.uk

Structural and Weld Testing Services Ltd
www.swtndt.co.uk

Sum ADR Limited
www.sum-adr.co.uk



Scan for BCSA
Corporate Members listing



BCSA Industry Members



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

STRUCTURAL COMPONENTS

Albion Sections Ltd
www.albionsections.co.uk

BW Industries Ltd
www.bw-industries.co.uk

Cellbeam Ltd
www.cellbeam.co.uk

Composite Profiles UK Ltd
www.compositeuk.com

Construction Metal Forming Ltd
www.cmf.uk.com

Daver Steels Ltd
www.daversteels.co.uk

Farrat Ltd
www.farrat.com

Hadley Industries Plc
www.hadleygroup.com

Hi-Span Ltd
www.hi-span.com

Kingspan Ltd
www.kingspan.com

MSW UK Ltd
www.mswukltd.co.uk

Prodeck-Fixing Ltd
www.prodeckfixing.co.uk

Structural Metal Decks Ltd
www.smdltd.co.uk

Stud-Deck Services Ltd
www.studdeckservices.co.uk

Tata Steel - ComFlor
www.tatasteeleurope.com/construction

voestalpine Metsec Plc
www.metsec.com

COMPUTER SOFTWARE

Autodesk Ltd
www.autodesk.co.uk

Fabsec Ltd
www.fabsec.co.uk

IDEA StatiCa UK Ltd
www.ideastatica.uk

StruMIS Ltd
www.strumis.com

Trimble Solutions (UK) Ltd
www.trimble.com

STEEL PRODUCERS

British Steel Ltd
www.britishsteel.co.uk

Tata Steel - Tubes
www.tatasteeleurope.com

MANUFACTURING EQUIPMENT

Behringer Ltd
www.behringerltd.co.uk

Cutmaster Machines (UK) Ltd
www.cutmasterstudwelding.co.uk

Ficep (UK) Ltd
www.ficep.co.uk

Kaltenbach Ltd
www.kaltenbach.co.uk

Lincoln Electric (UK) Ltd
www.lincolnelectric.com

Peddinghaus Corporation UK Ltd
www.peddinghaus.com

MEMBERSHIP SERVICES

Deconstruct UK Ltd
www.deconstructuk.com



Scan for
Industry Members listing

PROTECTIVE SYSTEMS

Forward Protective Coatings Ltd
www.forwardprotectivecoatings.co.uk

Hempel UK Ltd
www.hempel.com

Highland Metals Ltd
www.higalv.co.uk

International Paint Ltd
www.international-pc.com

Jack Tighe Ltd
www.jacktighe.com

Joseph Ash Galvanizing
www.josephash.co.uk

PPG Architectural Coatings UK & Ireland
www.ppgac.co.uk

Sherwin-Williams Protective & Marine Coatings
www.industrial.sherwin-williams.com/emeai/gb/en/protective-marine.html#

Vale Protective Coatings Ltd
www.valeprotective.co.uk

Wedge Group Galvanizing Ltd
www.wedge-galv.co.uk

SAFETY SYSTEMS

easi-edge Ltd
www.easi-edge.co.uk

TRAD Hire & Sales Ltd
www.traduk.co.uk

STEEL STOCKHOLDERS

AJN Steelstock Ltd
www.ajnsteelstock.co.uk

ArcelorMittal Distribution Solutions UK
www.arcelormittal.com

Barrett Steel Services Limited
www.barrettsteel.com

British Steel Distribution
www.britishsteel.co.uk

Cleveland Steel & Tubes Ltd
www.cleveland-steel.com

Dent Steel Services (Yorkshire) Ltd
www.dentsteel.co.uk

Dillinger Hutte UK Limited
www.dillinger.de

Duggan Profiles & Steel Service Centre Ltd
steel.ie

Kloeckner Metals UK
www.kloecknermetalsuk.com

Murray Steel Products
www.murraysteelproducts.com

National Tube Stockholders Ltd
www.nationaltube.co.uk

Rainham Steel Co Ltd
www.rainhamsteel.co.uk

The Alternative Steel Co Ltd
www.alternativesteelco.co.uk

STRUCTURAL FASTENERS

BAPP Group Ltd
www.bapp.co.uk

Cooper & Turner Ltd
www.cooperandturner.co.uk

Lindapter International
www.lindapter.com

WELDING EQUIPMENT AND CONSUMABLES

Air Products PLC
www.airproducts.co.uk

As of June 2023.



BCSA Working Groups

BCSA has working groups across a number of different areas, which can be found below along with the Chairman of each one and the size of the meeting. All members are welcome to join one or as many of the working groups as they wish.

Welding and Fabrication Group	Acting Chairman: David Moore (BCSA) Technical Secretary: Jeff Garner No. members: 30-40
Connections Group	Chairman: Alan Rathbone (Trimble) Technical Secretary: Ana M. Girão Coelho No. members: 18 (and 2 corresponding members)
Fasteners Group	Chairman: Dave Briggs (Cooper and Turner) Technical Secretary: David Moore No. members: 17
Sustainability Group	Chairman: Roy Fishwick (Cleveland Steel & Tubes Ltd) Technical Secretary: Michael Sansom No. members: 38
Structural Steel Reuse Group	Chairman: Jonathan Davis (Hare) Technical Secretary: Michael Sansom No. members: 25
Steel Stockholders Group	Chairman: David Moore Technical Secretary: Chris Dolling No. members: 30
Digital Technology Group	Chairman: Kevin Campbell (Billington Structures) Technical Secretary: Michael Sansom No. members: 27
Cold-Formed Sections Group	Chairman: Mark Davies (Tata Steel) Technical Secretary: David Moore No. members: 12
Metal Decking Group	Acting Chairman: Pete Walker (BCSA) Technical Secretary: Pete Walker No. members: 11

As of June 2023.





BCSA Limited, 4 Whitehall Court,
Westminster, London SW1A 2ES

Tel: +44 (0) 20 7839 8566
Email: postroom@bcsa.org.uk
Web: www.bcsa.org.uk