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**Steel Construction
Sustainability
Charter**



Guidance Document

V01 - April 2023



Summary

The objective of the Steel Construction Sustainability Charter (SCSC) is to develop steel as a sustainable form of construction under the three core pillars of sustainability, i.e. in terms of economic viability, social progress and environmental responsibility.

The SCSC is open to all companies in the steel construction supply chain operating within the United Kingdom (UK) or any country in the European Union (EU)/European Economic Area (EEA).

The Charter consists of fifteen requirements that address the sustainability issues most relevant to the steel construction sector. The requirements are summarised below:

Charter requirement		Field	Issue
1	A published sustainability policy.	General	Policy and objectives
2	A policy to manage: (i) energy, (ii) water, (iii) waste, and (iv) business travel and, where relevant, haulage.	Environmental and economic: Energy usage Water usage Waste management Transport impacts	Policy and objectives
			Measurement and report (annual basis)
			Set reduction targets
3	A policy to reduce the company carbon footprint in line with the BCSA sector target(s).	Greenhouse gas emissions	Policy and objectives
			Measurement and report (annual basis)
			Set reduction targets
4	The Company shall have a valid BS EN ISO 14001 Environmental Management System (EMS) certificate issued by a certification body accredited for that standard by a National Accreditation Body (NAB).	Environmental	Management (third-party verification)
5	A programme of involvement with their local community on social issues and with the steel construction community generally.	Social: Community relations	Policy and objectives

Charter requirement		Field	Issue
6	A structured programme for personnel training, development and communication.	Social	Skills and training
7	A published equality, diversity and inclusion policy.	Social: Workers' conditions	Policy and objectives
8	A published ethical trading policy.	Social and economic: Ethical business practice	Policy and objectives
9	The Company shall have a valid BS EN ISO 45001 Occupational Health and Safety Management Systems (OHSMS) certificate issued by a certification body accredited for that standard by a National Accreditation Body (NAB).	Social: Safe and healthy working conditions	Health and safety (third-party verification)
10	Use of Life Cycle Assessment (LCA) techniques, measurement and monitoring to assess, understand and improve the environmental impacts of the company's processes.	Environmental and economic	Management
11	A responsible sourcing policy.	Responsible sourcing	Policy and objectives
12	The Company shall have a valid BS EN ISO 9001 Quality Management Systems (QMS) certificate issued by a certification body accredited for that standard by a National Accreditation Body (NAB).	Relevance to the sector	Quality management (third-party verification)
13	To procure at least 50% (by weight) of steel sections and plate from steel producers with a published decarbonisation roadmap.	Climate Emergency specific actions for steelwork contractors	
14	A company commitment to contribute to efficient and optimised structural designs, taking into account greenhouse gas emissions and the reusability of the steel structure, and to communicate options to clients.		
15	Demonstration of innovation relating to sustainable steel construction but not covered under the other requirements, since the last Charter audit.		

The requirements of the SCSC consist of actions to be taken to demonstrate the adoption of the values of sustainable development, which means, as defined in BS 8900-1, an enduring, balanced approach to social progress, economic activity and environmental responsibility. Certain requirements, or elements of the requirements, are mandated for Companies applying for the Charter.

To obtain Charter Membership companies must achieve:

- For a Certificate a minimum score of eight (two mandatory)
- For a Bronze Award a minimum score of fourteen (eight mandatory)
- For the Silver Award a minimum score of twenty-one (thirteen mandatory)
- For the Gold Award a minimum score of twenty-eight (all mandatory).

A detailed breakdown of the requirements for each level of Charter membership is provided in the following table.

BES 6001 certified companies are automatically awarded Charter Status as follows:

<u>BES 6001</u>	<u>SCSC level</u>
Pass	Bronze
Good	Silver
Very good	Gold
Excellent	Gold

Companies applying for SCSC Membership are required to upload evidence to demonstrate that they meet the targeted requirements, to the BCSA website. This evidence is then assessed by a BCSA assessor. Assessment will be desk-based and/or via an online or physical meeting.

This document describes the SCSC requirements in detail and provides information, guidance and example policy templates for companies applying for Charter membership.

Note that the policy templates provided are just examples and Companies are required to tailor their own policies to reflect their own business and their sustainability priorities. Simply writing a policy will not be sufficient to meet the requirements. During the SCSC assessment, the Assessor will ask the Company to demonstrate and provide supplementary evidence to show that they are implementing what they say in their policy.

Although Company policies should be bespoke, the example policy templates given have been consistently structured to include the following:

- Scope – to clearly define the scope of applicability of the policy
- Aims – the high-level summary of the aim(s) of the policy
- Responsibility – to clearly define responsibility for setting and implementing the policy
- Commitments – the specific commitments the company is making under the policy
- Procedures – the procedures the company is taking to implement the policy
- Review and update – a statement relating to the frequency of reviewing and updating of the policy
- Communication – how the policy is communicated both internally within the company and externally to clients and other stakeholders.

For further details about the Steel Construction Sustainability Charter, please contact Lorraine MacKinder on 020 7747 8121 or email lorraine.mackinder@bcsa.org.uk

Charter requirement		Issue	Score	Detailed requirement								
				Minimum score								
				28	21	14	8	Gold	Silver	Bronze	Certified	
1	A published sustainability policy.	Policy and objectives	1	The policy must summarise the Organisation's sustainability commitments, including which of the following requirements the company has committed to. The policy should be supported by a documented management system, and shall define appropriate metrics for measuring performance. The policy should be reviewed and updated annually.					•	•	•	•
2	A policy to manage and reduce (i) energy, (ii) water, (iii) waste, and (iv) haulage and business travel.	Policy and objectives	1 per item (i) to (iv)	The Organisation must establish a policy, supported by a documented management system, for:					•	•	•	
				(i) the monitoring and reduction of the energy intensity of those operations over which the organisation has financial and/or operational control. (ii) the reduction of the intensity of its operations with respect to water usage. (iii) the diversion of waste from landfill or incineration without energy recovery in accordance with the waste hierarchy. In addition, the Organisation must show evidence that all controlled waste arising from its operations is stored, transported and treated such that risks to human health and the environment are minimised and that all local regulatory requirements are fulfilled. (iv) continually reducing environmental impacts associated with the transport of materials, goods and people involved in its operations. The policy must identify appropriate, significant, direct environmental impacts associated with the modes of transport used by the organisation and shall include mitigation strategies for significant environmental impacts.					•	•	•	
3	A policy to reduce the company carbon footprint in line with the BCSA sector target(s).	Set reduction targets	1 per item (i) to (iv)	A reduction target should be in place.					•	•	•	•
				The Organisation must quantify all GHG emissions related to its direct operations. The Organisation must have a policy in place for the monitoring GHG emissions associated with their direct operations, and defining the specific actions to be taken to reduce such emissions.					•	•	•	•
				GHG Protocol Scope 1 and 2 emissions					•	•	•	•
		Measure and report (annual basis)	1	GHG Protocol Scope 1, 2 and 3 emissions					•	•	•	•
			2	Minimum requirements for scope 3: Purchased steel sections and plate: Transport of steel sections and plate from the mill or stockholder to the fabrication facility; Transport of fabricated steelwork to site; Primer, paint and fire protection applied to the steelwork by the organisation; Production and office waste; Business travel (by road, rail and air); Steelwork erection by the organisation.					•	•	•	•
		Set reduction targets	1	A target should be in place to reduce the carbon footprint of the business operations, e.g. X% reduction in Scope 1 and 2 emissions by Y year.					•			

Charter requirement	Issue	Score	Detailed requirement	Gold	Silver	Bronze	Certified
				28	21	14	8
			Minimum score				
4 The Organisation shall have a valid BS EN ISO 14001 Environmental Management System (EMS) certificate issued by a certification body accredited for that standard by a National Accreditation Body (NAB).	Management (third party verified)	2	Provide copies of the certificates where available.	•			
5 A programme of involvement with their local community on social issues and with the steel construction community generally.	Policy and objectives	1	The Organisation must show evidence of effectively liaising with the local community and strive to develop mutual understanding and respect. This may be around involvement with local charities, engaging schools and colleges around STEM, etc.	•			
6 A structured programme for personnel training, development and communication.	Skills and training	1	The Organisation must have a training and development programme for its employees and carry out regular performance reviews.	•			
7 A published equality, diversity and inclusion policy.	Policy and objectives	1	The Organisation must establish a policy that ensures equal opportunities to all in employment, irrespective of gender, ethnicity, sexual orientation, religion, etc. The policy also states what measures the company takes to eliminate and prevent discrimination, and promotes diversity and inclusion.	•			
8 A published ethical trading policy.	Policy and objectives	1	The Organisation must recognise the need to adopt and apply standards of ethical behaviour that are appropriate, e.g. regarding child labour, slavery.	•			
9 The Organisation shall have a valid BS OHSAS 18001/BS EN ISO 45001 Occupational Health and Safety Management Systems (OHSMS) certificate issued by a certification body accredited for that standard by a National Accreditation Body (NAB).	Health and Safety (third-party verification)	2	Provide copies of the certificates where available.	•			
10 Use of life cycle assessment (LCA) techniques, measurement and monitoring to assess, understand and improve the environmental impacts of the company's processes	Management	1	Provide evidence of assessment(s) of the Organisation's processes, such as LCA or other quantitative studies, and show that the results have been used to improve efficiency and understand and reduce the environmental impact of those processes where practicable.	•	•		

Charter requirement		Issue	Score	Detailed requirement	Gold	Silver	Bronze	Certified
11	A responsible sourcing policy.	Policy and objectives	1	A policy to question whether suppliers have published sustainability policies that align with those of the Company.	•	•	•	
			2	A minimum of 50% (by weight) of steel sections and plate shall be from suppliers with a responsible sourcing policy to a recognised standard, e.g. BES 6001.				
12	The Organisation shall have a valid BS EN ISO 9001 Quality Management Systems (QMS) certificate issued by a certification body accredited for that standard by a National Accreditation Body (NAB).	Quality management (third-party verification)	2	Provide copies of the certificates where available.	•	•	•	
13	To procure at least 50% (by weight) of steel sections and plate from steel producers with a published decarbonisation roadmap.	Decarbonisation - specific actions for steelwork contractors	1	Provide copies of the decarbonisation roadmaps and commitments and show evidence that the Organisation meets this requirement.	• for Steelwork Contractors only			
14	A company commitment to contribute to efficient and optimised structural designs, taking into account greenhouse gas emissions and the reusability of the steel structure, and to communicate options to clients.		1	Where relevant, the Organisation must commit to question the underlying design assumptions from a sustainability perspective, e.g. minimising GHG emissions, design for deconstruction, identification of the members to be reclaimed at the end of life, etc.				
15	Demonstration of innovation relating to sustainable steel construction but not covered under the other requirements, since the last Charter audit.	Innovation	Up to 2	The Organisation must show evidence of innovative practices in terms of sustainability. Examples of innovation are given below: - projects reusing steel members, - making the buildings more demountable, e.g. bolted shear connectors, - on site/factory innovation relating to process optimisation, - involvement in relevant R&D projects - etc				

1. A published sustainability policy (Score = 1)

The policy must summarise the Company's sustainability commitments including the other Charter requirements that the company has committed to achieve. The policy should be supported by a documented management system, which contains all procedural aspects related to implementation of the specific commitments made and which should follow the fundamentals of BS EN ISO 9001 and, where relevant, shall define appropriate metrics for measuring performance.

The policy should be reviewed and updated annually. Responsibility for the policy and its implementation should be clearly defined. How the policy is communicated internally and externally shall also be clearly defined.

Note that the policy below is just an example and Companies are required to tailor their own policy to reflect their business and their sustainability priorities. Simply writing a policy (or copying the example below) will not be sufficient to meet this requirement. During the SCSC assessment, the Assessor will ask the Company to demonstrate and provide evidence that they are implementing their policy.

Example: Sustainability policy

(Insert Company name) is a specialist company which carries out the fabrication and / or erection of constructional steelwork. We recognise that we have a responsibility to put sustainability at the heart of our business. This includes all environmental, social and economic impacts of our business.

Scope

This policy applies to all *(Insert Company name)* employees, consultants and third parties who undertake activity for and on behalf of the Company. It applies to our direct operations and the products and services we provide to our customers and to the goods and services we procure. *(Insert Company name)* is committed to creating a sustainable society through actively managing our operations in a way that balances our social, environmental and economic objectives.

Aims

The aim of this policy is to ensure that sustainability principles are fully integrated within all aspects of the company's business operations.

Responsibility

The policy, and its implementation, is the responsibility of *(Insert relevant name and position)* and has been approved by the *(Insert Company name)* board.

Commitments

(Insert Company name) is committed to contributing to a more sustainable society and to continually improve the positive impacts we make by:

- Ensuring compliance with all relevant legislation and standards, and the expectations of our customers and other key stakeholders
- Ensuring our systems and procedures prevent pollution and nuisance

- Improving resource efficiency, including the use of water, energy (including transport-related energy usage), raw materials and waste
- Ensuring our employees and suppliers are able and are encouraged to support our sustainability commitments
- Ensuring we continually review how we can make improvements to our sustainability performance
- Procuring goods and services from companies that share the same sustainability standards
- Increasing awareness of climate change, measuring and reporting our carbon emissions and implementation of appropriate mitigation measures
- Monitoring our sustainability performance and progress against objectives and targets.

Company procedures for implementing the policy

(Insert Company name) has implemented the following policies to deliver the above sustainability commitments:

- Maintaining an up-to-date database of relevant legislation and standards which is reviewed and updated quarterly
- Carbon footprint reduction policy
- Responsible sourcing policy
- Policy of engagement with local community stakeholders
- Maintaining BS EN ISO 14001 certification
- Providing information and training to employees on relevant sustainability and environmental matters.

Review and update of this policy

(Insert Company name) will review and update this policy on annual basis, taking account of any changes within legislation and our Company, and other factors.

Communication of this policy

The Sustainability policy is published on the Company's website, is freely available to all stakeholders and internally communicated to all employees.

Signed

Date.....

Managing Director

Date of last policy review

Date of next policy review

2. A policy to manage (i) energy, (ii) water, (iii) waste, and (iv) transport impacts (Score = up to 12)

The Company must establish a policy, supported by a documented management system, for:

- i. the monitoring and reduction of the **energy intensity** of those operations over which the Company has financial and/or operational control.
- ii. the reduction of the intensity of its operations with respect to **water usage**.
- iii. minimising and measuring all **waste** arising from its operations. In addition, the Company should document how waste is stored, segregated, transported and treated such that risks to human health and the environment are minimised and that all local regulatory requirements are fulfilled.
- iv. continually reducing environmental impacts associated with **haulage (where relevant – see Section 2.4) and the transport** of personnel involved in its operations. The policy must identify significant, direct environmental impacts associated with the modes of transport used by the Company and shall include mitigation strategies for reducing those impacts.

For each of the above four impacts, Companies can achieve points by:

- Having a policy in place
- Making a commitment to regularly measure and report impacts
- Setting reduction targets.

Further guidance is given below.

2.1 Energy use management

The Company must have a policy to measure and reduce its energy consumption. This policy is likely to be closely aligned with the Company's (Scope 1 & 2) carbon reduction policy and commitments (requirement 3 below).

2.1.1 Policy and objectives (Score = 1)

Example: Energy use reduction policy

(Insert Company name) processes and operations rely heavily on the use of electricity, gas and other fuels. In addition to environmental impacts, the cost of energy and fuels can significantly impact the profitability of the business.

Scope

This policy applies to the use of electricity, natural gas, diesel and other fuels used by *(insert Company name)*. It applies to energy use in workshops, offices, plant use within the factory and on-site and haulage, by the company, of fabricated steelwork to site.

Aims

The aim of this policy is to understand, measure and reduce energy and fuel use by *(insert Company name)*.

Responsibility

The policy, and its implementation, is the responsibility of *(Insert relevant name and position)* and has been approved by the *(Insert Company name)* board.

Commitments

(Insert Company name) is committed to:

- Regular measurement of energy and fuel use
- Continuously review new technologies, machinery, plant, vehicles, etc. that may help reduce energy consumption
- Installing sub-metering to separately monitor the workshop and offices areas
- Reduce energy consumption by 10% per year relative to the xxx baseline [commitments to be company specific and set after measurement and baselines have been established].

Company procedures for implementing the policy

(Insert Company name) has implemented the following procedures to deliver the above commitments:

- Monthly measurement and reporting of electricity, gas and diesel use
- Quarterly internal audit of energy fuel use, maintenance programmes for heating systems, vehicles, etc.
- Engage an independent energy auditor to review the company’s assets and processes and make recommendations regarding the technical and economic feasibility of energy efficiency measures.

Review and update of this policy

(Insert Company name) will review and update this policy on annual basis, taking account of any changes within our Company, and other factors including energy costs and pay-back periods.

Communication of this policy

The policy is internally communicated to all employees. Employees are actively encouraged to make suggestions relating to energy savings.

Signed

Date.....

Managing Director

Date of last policy review

Date of next policy review

2.1.2 Measurement and report (Score = 1)

Companies are required to collect and record data over a 12-month period (usually aligned with the Company's accounting period). Monthly data collection is recommended with quarterly reporting as a minimum. Data collection should be ongoing so that a baseline annual energy use can be determined against which reduction targets can be set and progress measured.

Total energy/fuel use per year must be reported. In addition, energy intensity, for example, per tonne of fabricated steelwork may be provided to more accurately reflect output over the reporting period.

All fuel use should be measured and reported including electricity, natural gas, diesel, other fuels and, where relevant, renewable energy use. A commentary for any observed trends should be provided. An example reporting template is provided below.

Reporting period	Electricity (kWh)	Natural gas (kWh)	Diesel (litres)	Notes
2020 Baseline year	587,254	890,148	75,562	
2021	534,147 (-9%)	814,995 (-8.4%)	68,357 (-9.5%)	
Jan 2022	52,354	142,358	6,197	
Feb 2022	48,652	125,785	6,001	
March 2022	47,658	105,773	7,858	
Etc				
2022 Total	512,898	795,891	50,784	
Relative to baseline	-12.7%	-10.6%	-32.8%	
Per tonne of steelwork				

2.1.3 Reduction targets (Score = 1)

Using the information from 2.1.2, Companies are required to set energy reduction targets.

Reduction targets should be defined by the Company; examples include:

- % reduction relative to the baseline year
- Year-on-year reduction target
- Longer-term, say 3 to 5 year, reduction targets.

Reduction targets can relate to total energy consumption or be based on normalised data, e.g. per tonne of fabricated steelwork.

2.2 Water use management

Although a relatively minor impact for steelwork contractors, reducing water use is likely to become more important in the future as a consequence of climate change.

The Company must have a policy to monitor and reduce its water consumption.

2.2.1 Policy and objectives (Score = 1)

Example: Water usage policy

(Insert Company name) uses mains water for potable purposes, welfare facilities and in some production purposes.

Scope

This policy applies to the use of water by *(insert Company name)*. It applies to water use in offices and in production processes.

Aims

The aim of this policy is to understand, measure and reduce water use by *(insert Company name)*.

Responsibility

The policy, and its implementation, is the responsibility of *(Insert relevant name and position)* and has been approved by the *(Insert Company name)* board.

Commitments

(Insert Company name) is committed to:

- Regular measurement of water use
- Continuously review new water-saving technologies, water harvesting systems, etc. that may help reduce water consumption
- Installing sub-metering to separately monitor the production and office areas
- Reduce water consumption by 10% per year relative to the xxx baseline [commitments to be company specific and set after measurement and baselines have been established].

Company procedures for implementing the policy

(Insert Company name) has implemented the following procedures to deliver the above commitments:

- Monthly/quarterly measurement and reporting of water use
- Quarterly internal audit of water use to identify abnormalities and detect potential leaks and to consider the viability of greywater and rainfall harvesting systems and other water efficiency measures.

Communication of this policy

The policy is internally communicated to all employees. Employees are actively encouraged to make suggestions relating to water use savings.

Signed

Date.....

Managing Director

Date of last policy review

Date of next policy review

2.2.2 Measurement and report (Score = 1)

Companies are required to collect and record data over a 12-month period (usually aligned with the Company’s accounting period). Monthly data collection is recommended with quarterly reporting as a minimum. Data collection should be ongoing so that a baseline annual water use can be determined against which reduction targets can be set and measured.

Total water use per year must be reported. In addition, water intensity, for example, per tonne of fabricated steelwork may be provided to more accurately reflect output over the reporting period. If sub-metering is installed, water use should be broken down and reported accordingly.

A commentary for any observed trends in water consumption should be provided.

An example reporting template is provided below.

Reporting period	Water consumption (m ³)	Sub-meter 1 (workshops) (m ³)	Sub-meter 2 (offices) (m ³)	Notes
2020 Baseline year	1,901	845	1056	
2021	1,742 (-8.4%)	774	968	
Jan 2022	147.5			
Feb 2022	152.8			
March 2022	163.8			
Etc				
2022 Total	1,578	714	864	
Relative to baseline	-17%	-15.5	-18%	
Per tonne of steelwork				

2.2.3 Reduction targets (Score = 1)

Using the information from 2.2.2, Companies are required to set water reduction targets.

Reduction targets should be defined by the Company; examples include:

- % reduction relative to the baseline year
- Year-on-year reduction target
- Longer-term, say 3 to 5 year, reduction targets.

Reduction targets can relate to total water consumption or be based on normalised data, e.g. per tonne of fabricated steelwork.

2.3 Waste use management

The Company must have a policy to manage, monitor and reduce its waste.

Steelwork contractors main waste streams include:

- Steel scrap including offcuts, swarfe, etc.
- General waste from offices and production areas
- Paper
- IT and electrical equipment
- Waste oils, lubricants and paint products
- Shot/grit blast waste.

The policy should cover all waste streams relevant to the company.

2.3.1 Policy and objectives (Score = 1)

Example: Waste management policy

(Insert Company name) generates waste through its day-to-day operations.

Scope

This policy applies all wastes produced by *(insert Company name)* and applies both to the safe management of waste and to the reduction of those wastes.

Aims

The aim of this policy is to safely manage and control waste and to understand, measure and reduce the waste produced by *(insert Company name)*.

Responsibility

The policy, and its implementation, is the responsibility of *(Insert relevant name and position)* and has been approved by the *(Insert Company name)* board.

Commitments

(Insert Company name) is committed to:

- Comply with all waste management legislation relating to the control, storage and disposal of waste
- Segregate waste to facilitate recycling
- Prioritise recycling and reuse of waste in preference to landfilling or incineration
- Regular measurement of the main waste streams
- Continuously review new materials, technologies and other opportunities to reduce waste generation, to recycle and to reuse

- Reduce waste generation by 10% per year relative to the xxxx baseline [commitments to be company and waste specific and set after measurement and baselines have been established].

Company procedures for implementing the policy

(Insert Company name) has implemented the following procedures to deliver the above commitments:

- Implementation of a system of waste control
- Provision of waste storage facilities to allow wastes to be segregated and stored safely
- Monthly/quarterly measurement and reporting of waste and undertake waste reviews to inform the Company waste policy
- Train staff who generate or handle different types of waste on relevant waste management procedures.

Communication of this policy

The policy is internally communicated to all employees. Employees are actively encouraged to make suggestions relating to improved waste management and waste reduction.

Signed Date.....

Managing Director

Date of last policy review

Date of next policy review

2.3.2 Measurement and report (Score = 1)

Companies are required to collect and record data over a 12-month period (usually aligned with the Company’s accounting period). Monthly data collection is recommended with quarterly reporting as a minimum. Data collection should be ongoing so that a baseline waste generation level can be determined against which reduction targets can be set and progress measured.

Waste generation of priority waste streams per year must be reported. These will be company specific. As a minimum, reporting total steel scrap generation over the reporting period is required. Ideally, other waste streams should also be reported. Where quantitative data are not available, the waste treatment or disposal route should be provided.

In addition, waste, for example, per tonne of fabricated steelwork may be provided to more accurately reflect output over the reporting period.

A commentary for any observed trends in waste generation should be provided.

An example reporting template is provided below.

Reporting period	Waste stream				
	Steel scrap (tonnes)	General waste (workshops) ¹	General waste (offices) ¹	Shot blast waste (tonnes)	Used paint containers
2020 Baseline	1,901	ND		50	
2021	1,742 (-8.4%)	ND		45 (-10%)	
Jan 2022	147.5				
Feb 2022	152.8				
March 2022	163.8				
Etc					
2022 Total	1,578	ND			
Relative to baseline	-17%				
Per tonne of steelwork					
Treatment/disposal option	Recycled	Energy recovery facility	Energy recovery facility	Recycled	Incinerated

ND = No data available

¹ Units can be in terms of volume or, for example, number of skips, etc.

2.3.3 Reduction targets (Score = 1)

Using the information from 2.3.2, Companies are required to set waste reduction targets.

Reduction targets should be defined by the Company examples include:

- % reduction relative to the baseline year
- Year-on-year reduction target
- Longer-term, say 3 to 5 year, reduction targets.

Reduction targets can relate to total waste generation or be based on normalised data, e.g. per tonne of fabricated steelwork.

2.4 Haulage and business travel management

The Company must have a policy to measure and reduce its transport related environmental impacts. This includes both haulage, where this is undertaken by the Company using their own vehicles, and business travel including attending meetings, etc. and commuting to and from the construction site, e.g. by steelwork erectors.

This policy is likely to be closely aligned with the Company's (Scope 1 & 2) carbon reduction policy and commitments (requirement 3 below).

2.4.1 Policy and objectives (Score = 1)

Example: Haulage and business travel policy

(Insert Company name) uses company vehicles and plant for the following purposes: [Amend as appropriate]

- Plant use within the fabrication shop
- Transporting structural steelwork to site
- Erection plant on the construction site
- Business travel
- Commuting to and from the construction site.

In addition to environmental impacts, the cost of energy and fuels can significantly impact the profitability of the business.

Scope

This policy applies to all transport related activities undertaken by *(Insert Company name)* using vehicles owned or under the control of the Company.

Aim

The aim of this policy is to measure and minimise the environmental impacts of transport used by *(insert Company name)*.

Responsibility

The policy, and its implementation, is the responsibility of *(Insert relevant name and position)* and has been approved by the *(Insert Company name)* board.

Commitments

(Insert Company name) is committed to:

- Monitor all transport related activities undertaken by the Company
- Review working practices to help reduce transport costs and environmental impacts
- Research and review new vehicles, plant and alternative fuels as they become available and assess their cost and environmental viability
- Ensuring that all vehicles and plant are properly maintained and serviced in accordance with the manufacturers recommendations
- Ensuring that all drivers and plant operatives are trained in how to use their vehicles safely and efficiently
- Reduce transport related carbon emission impacts by 10% per year relative to the xxxx baseline [commitments to be company specific and set after measurement and baselines have been established].

Company procedures for implementing the policy

(Insert Company name) has implemented the following procedures to deliver the above commitments:

- Implementation of the Company transport policy

- Monthly/quarterly measurement and reporting of transport related activities and undertake regular transport reviews to inform and update the Company transport policy
- Use vehicle sharing and online and video conferencing where appropriate
- Optimum loading and route planning
- Training provided for drivers and plant operatives including fuel efficient driving techniques and vehicle checks.

Communication of this policy

The policy is internally communicated to all relevant employees. Employees are actively encouraged to make suggestions relating to transport related activities undertaken by the Company.

Signed

Date.....

Managing Director

Date of last policy review

Date of next policy review

2.4.2 Measurement and report (Score = 1)

Companies are required to collect and record transport data over a 12-month period (usually aligned with the Company’s accounting period). Monthly data collection is recommended with quarterly reporting as a minimum. Data collection should be ongoing so that a baseline performance level can be determined against which reduction targets can be set and progress measured.

Total transport related impacts must be provided. Ideally the data should be broken down into specific activities such as:

- Plant use within the fabrication shop
- Transporting structural steelwork to site – where undertaken by the Company
- Erection plant on the construction site
- Business travel
- Commuting to and from the construction site, e.g. steelwork erectors.

In addition, transport impacts, for example, per tonne of fabricated steelwork may be provided to more accurately reflect output over the reporting period.

Data can be collected in terms of distance travelled or volume of fuel consumed or a mix as appropriate to the company and the mode of transport used.

A commentary for any observed trends in transport related costs or impacts should be provided.

An example reporting template is provided below. This should be tailored to the company's specific requirements and transport activities and modes.

Reporting period	Factory plant		Transporting steelwork to site		Business mileage		
	Diesel (l)	Electricity (kWh)	Diesel (l)	Distance (km)	Distance (km)	Diesel (l)	Electricity (kWh)
2020 Baseline	1,901	ND		56,587			
2021	1,742 (-8.4%)	ND		52,131 (-7.9%)			
Jan 2022	147.5						
Feb 2022	152.8						
March 2022	163.8						
Etc							
2022 Total	1,578	ND		65,748			
Relative to baseline	-17%			+16.2%			
Per tonne of steelwork							

ND = No data available

2.4.3 Reduction targets (Score = 1)

Using the information from 2.4.2, Companies are required to set transport related carbon emission reduction targets.

Reduction targets should be defined by the Company; examples include:

- % reduction relative to the baseline year
- Year-on-year reduction target
- Longer-term, say 3 to 5 year, reduction targets.

Reduction targets can relate to total transport impacts or be based on normalised data, e.g. per tonne of fabricated steelwork.

3. A policy to reduce the company carbon footprint in line with the BCSA sector target(s) (Score = up to 4)

The Company must have in place, a policy to measure and reduce its greenhouse gas emissions. The policy must include:

- Regular and ongoing measurement of Scope 1 and 2 greenhouse gas emissions as a minimum
- Reporting of annual greenhouse gas emissions relative to a baseline
- Description of measures undertaken and/or planned to reduce its greenhouse gas emissions.

The Company may also wish to set and commit to carbon reduction targets in-line with the UK structural steelwork sector to be Net-zero¹ by 2050.

Net-zero is based on the Scope 1, 2 and 3 emissions as defined in the Greenhouse Gas protocol. Currently, reporting Scope 3 emissions is voluntary.

In the interim therefore, 'carbon 'neutral'² targets have been set for BCSA members as followed:

- To be carbon neutral by 2025 – based on Scope 1 and 2 emissions only and allowing carbon offsetting
- To be carbon neutral by 2030 – based on Scope 1, 2 and a defined subset of Scope 3 emissions (as defined by PPN 06/21 – see below) and allowing carbon offsetting.

To help BCSA members measure and report their carbon emissions two resources are available:

- BCSA Carbon footprint tool
- BCSA Carbon reduction plan template.

Some companies may be required to report their energy consumption and carbon emissions under the 2019 Streamlined Energy and Carbon Reporting (SECR) regulations. Quoted companies and unquoted or large limited liability partnerships meeting at least two of the following criteria are required to report annually:

- a turnover of £36 million or more
- a balance sheet of £18 million or more; or
- 250 employees or more.

Comprehensive SECR reporting guidance is available [here](#).

The Scope 1 and 2 carbon footprint of steelwork contractors is strongly dependent upon their energy and fuel use. As such, for companies measuring and reporting Scope 1 and 2 emissions only, their energy use, transport policy and carbon reduction policies should be closely aligned.

¹ Definitions of net zero in the context of companies are still evolving. The BCSA 2050 net zero target is defined as zero Scope 1, 2 and 3 emissions. This may be achieved, using carbon offsetting as an interim measure.

² Carbon neutrality has a minimum requirement covering Scope 1 and 2 emissions which should be reduced before any carbon offsetting.

3.1 Policy and objectives (Score = 1)

Example: Carbon reduction policy

(Insert Company name) is a specialist company which carries out the fabrication and / or erection of constructional steelwork.

As part of the wider, sector commitment to decarbonise UK steel construction in line with the national target for the UK to be 'net-zero'³ by 2050, *(Insert Company name)* has developed this policy to measure and reduce their greenhouse gas emissions.

Scope

The scope of this policy Scope 1 and 2 carbon emissions from activities undertaken by the Company.

Aim

The aim of this policy is to measure, manage and reduce the company's carbon emissions

Responsibility

The policy, and its implementation, is the responsibility of *(Insert relevant name and position)* and has been approved by the *(Insert Company name)* board.

Commitments

(Insert Company name) is committed to measure its Scope 1 and 2 carbon emissions on an ongoing, annual basis.

In-line with the UK structural steelwork sector to be Net-zero⁴ by 2050, *(Insert Company name)* will introduce carbon reduction measures to reduce its Scope 1 and 2 carbon emissions by 10% annually.

Company procedures for implementing the policy

(Insert Company name) will measure its annual carbon emissions using the BCSA carbon footprint tool.

(Insert Company name) will annually report its carbon emissions and progress towards its reduction targets, using the BCSA Carbon reduction plan template.

(Insert Company name) will annually report on completed carbon reduction initiatives undertaken and those planned.

Review and update of this policy

(Insert Company name) will review and update this policy on annual basis, taking account of any changes within legislation and our Company, and other factors.

³ Net zero in the context of the UK Climate Change Act 2008 (as amended in 2019), is defined as the UK achieving a 100% reduction in greenhouse emissions by 2050, relative to 1990 levels.

⁴ Definitions of net zero in the context of companies are still evolving. The BCSA 2050 net zero target is defined as zero Scope 1, 2 and 3 emissions. This may be achieved, using carbon offsetting as an interim measure.

Communication of this policy

The carbon reduction policy is published on the company's website and internally communicated to all employees.

Signed

Date.....

Managing Director

Date of last policy review

Date of next policy review

3.2 Measurement and report

Measure and record carbon emissions over a 12-month period (usually aligned with the Company's accounting period).

Measurement may be made using the BCSA carbon footprint tools or other recognised industry tools. Support will be given to Companies using the BCSA carbon footprint tools for the first time.

Carbon emissions can be reported using the BCSA carbon reduction plant template.

Companies can measure Scope 1 and 2 carbon emissions only or Scope 1, 2 and the main Scope 3 impacts – see below. Scope 1, 2 and 3 impacts are defined in the Greenhouse Gas Protocol – see [Greenhouse Gas Protocol | \(ghgprotocol.org\)](https://ghgprotocol.org).

3.2.1 GHG Protocol Scope 1 and 2 emissions (Score = 1)

Scope 1 and 2 emissions are defined as follows:

Scope 1 emissions are direct greenhouse gas (GHG) emissions that occur from sources owned or controlled by the company. In the context of steelwork contractors, Scope 1 emissions include emissions from combustion in boilers, vehicles, production equipment and plant.

Scope 2 emissions are indirect GHG emissions that occur from the generation of purchased electricity consumed by the company.

Detailed definitions of Scope 1 and 2 emissions are given in the GHG protocol.

Version 1 of the BCSA carbon footprint tool allows steelwork contractors to easily measure their Scope 1 and 2 carbon emissions.

3.2.2 GHG Protocol Scope 1, 2, and 3 emissions (Score = 2)

Scope 3 emissions are other indirect GHG emissions. Scope 3 emissions are a consequence of the activities of the company but occur from sources not owned or controlled by the company. In the context of steelwork contractors, Scope 3 emissions include those associated with the production of steel, welding consumables, coatings, transportation (by others) and erection of fabricated steelwork by others.

In addition to their Scope 1 and 2 emissions, Companies shall measure, as a minimum, the following Scope 3 emissions:

- Purchased steel sections and plate
- Transport of steel sections and plate from the mill or stockholder to the fabrication facility – where relevant, this should include transport from the steel mill to the stockholder and from the stockholder to the fabricator
- Transport of fabricated steelwork to site
- Primer, paint and fire protection applied to the steelwork by the Company
- Production and office waste
- Business travel (by road, sea, rail and air)
- Steelwork erection by the Company.

4. A valid BS EN ISO 14001 Environmental Management System certificate issued by a certification body accredited for that standard by a National Accreditation Body (NAB) (Score = 2)

Provide a copy of the certificate where available.

5. A programme of involvement with their local community on social issues and with the steel construction community generally (Score = 1)

The Company must have in place, a policy of engagement with their local community.

The Company must show evidence of effectively liaising with the local community and strive to develop mutual understanding and respect. This may be around involvement with local charities, engaging with local schools and colleges around Science, Technology, Engineering, and Mathematics (STEM), etc.

During the SCSC assessment, the Assessor will ask the Company to demonstrate and provide evidence that they are implementing their policy.

Example: Community involvement policy

(Insert Company name) is a specialist company which carries out the fabrication and / or erection of constructional steelwork.

(Insert Company name) is committed to engage with and to support the local community by enhancing knowledge, prosperity, health, and quality of life in the communities where we live and work.

Scope

This policy applies to all *(Insert company name)* employees, consultants and third parties who undertake activity for and on behalf of *(Insert company name)*. It covers engagement and involvement with all local community stakeholders.

Aims

With this policy, we aim to make a positive contribution to the social and economic development of the communities where we operate. The principles set out in this policy will guide our community engagement initiatives alongside any specific legislative requirements.

Responsibility for implementing the policy

The policy, and its implementation, is the responsibility of *(Insert relevant name and position)* and has been approved by the *(Insert Company name)* board.

Principles and commitments under the policy

Commitments under this policy include:

- Wherever possible, to procure goods and services locally
- Advertise relevant vacancies locally, for example, apprenticeships
- Engage with and support local schools, colleges and charities
- Support employees' involvement in local, community activities, charities and fundraising
- Respond promptly and proactively to any complaints received from neighbours within the community.

Company procedures for implementing the policy

Company procedures for implementing this policy include:

- Contact details and information for those seeking support are published on the company website
- Employees are encouraged to suggest initiatives worthy of support by the company
- The Senior Management team will review applications for support from the local community twice per year as a minimum
- Any complaints received from the local community will be dealt with fairly and promptly following company procedures. Complaints will be communicated to the Senior Management team and where necessary, the Senior Management team will be responsible for the resolution of complaints.

Review and update of this policy

(Insert Company name) will review and update this policy on annual basis, taking account of any changes within legislation and our Company, and other factors.

Communication of this policy

The community involvement policy is published on the company's website and internally communicated to all employees.

Signed

Date.....

Managing Director

Date of last policy review

Date of next policy review

6. A structured programme for personnel training, development and communication (Score = 1)

The Company must have in place a training and development programme for its employees to discharge their duties safely and carry out regular performance reviews.

Example: Employee training, development and communication policy

(Insert Company name) is a specialist company which carries out the fabrication and / or erection of constructional steelwork. Safe and efficient running of the company requires that all employees are properly trained. An environment exists where good practice and knowledge is shared; employees are appropriately trained and continuously learning is encouraged.

We will ensure that all employees are offered opportunities to develop skills and competence to enable them to fulfil the requirements of their role, to change roles and contribute to organisational excellence.

Scope

This policy applies to all *(Insert Company name)* employees, consultants and third parties who undertake activity for and on behalf of *(Insert Company name)*. It includes training on all aspects of the Company activities as relevant to the employee's role(s).

Aims

The aim of this policy is to ensure that all employees are fully trained in all aspects relating to their role in the Company. In addition, the aim is to encourage and support employees to develop new skills and competence for the mutual benefit of the employee and the Company.

Responsibility

(Insert Company name) management is responsible for the implementation of this policy which is implemented by the Company human resources team alongside other specific training and development initiatives.

Principles and commitments

(Insert Company name) is committed to providing information and training to all employees so that:

- They can undertake their role within the company safely and efficiently
- They can continue to develop their skills and competence.

Company procedures for implementing this policy

Procedures for implementing this policy include:

- The Company maintains a training management system that is reviewed annually to ensure that the system fully supports the needs of employees and the Company
- A training and development matrix in which the competence and training requirements of all roles and employees are recorded and development plans are documented
- A comprehensive staff induction programme is compulsory for all new starters. This will include training on Company policy in addition to training relevant to the employee and their role
- Regular performance reviews are undertaken which include a review of employee training and development needs
- As part of performance reviews, the Company will consider creative ways of supporting employees in their career and personal development to benefit themselves and the Company.

Review and update of this policy

(Insert Company name) will review and update this policy on annual basis, taking account of any changes within legislation and our Company, and other factors.

Communication of this policy

(Insert Company name) will communicate this policy to all employees.

Signed

Date.....

Managing Director

Date of last policy review

Date of next policy review

The Assessor will look for supporting evidence to demonstrate that this policy is being effectively implemented. This may include:

- Training manual and records
- Evidence of qualifications and experience
- Evidence of H&S training
- Evidence of continuing professional development (CPD)
- Where relevant, evidence of training relating to sustainability aspects of the Company.

7. A published equality, diversity and inclusion policy (Score = 1)

The Company must establish a policy that ensures equal opportunities to all in employment, irrespective of gender, ethnicity, sexual orientation, religion, etc.

The policy should also state what measures the company takes to eliminate and prevent discrimination and to promote diversity and inclusion.

Example: Equality, diversity and inclusion policy

(Insert Company name) is a specialist company which carries out the fabrication and / or erection of constructional steelwork.

Scope

(Insert Company name) recognises that in society certain groups or individuals are denied equality on the grounds of race, gender, marital status, caring responsibilities, disability, gender re-assignment, age, social class, sexual orientation and religion/belief or any other factor that is irrelevant to the purpose in question.

(Insert Company name) will comply with the statutory requirements laid down in:

- The Equal Pay Act 1970
- The Rehabilitation of Offenders Act 1974
- The Sex Discrimination Act 1975
- The Race Relations Act 1976 and the Race Relations Amendment Act Feb 2000
- The NHS Community Care Act 1990
- The Disability Discrimination Act 1995
- The Asylum & Immigration Act 1996
- The Human Rights Act Nov 1998
- The Employment (Religion or Belief) and (Sexual Orientation) Regulations 2003.

This Equality, Diversity and Inclusion (EDI) policy applies to all staff (whether temporary, fixed-term, or permanent) at all levels (including employees, management, agency and casual workers, and independent contractors), or any of our subsidiaries or their employees, no matter where they are located (within or outside of the UK).

Breaches of this policy will be dealt with in accordance with our disciplinary procedure.

Aims

(Insert Company name) aims to:

- Provide services that are accessible according to need
- Promote equality of opportunity and diversity in employment and development.

Responsibility

The policy, and its implementation, is the responsibility of *(Insert relevant name and position)* and has been approved by the *(Insert Company name)* board.

Commitments

(Insert Company name) recognises that it has moral and social responsibilities that go beyond the provisions of the above-mentioned Acts and Regulations, and that it should support and contribute to the wider process of change through all aspects of its work and practices in order to eliminate discrimination and promote equality and diversity.

(Insert Company name) is committed to taking positive steps to ensure that:

- All people are treated with dignity and respect, valuing the diversity of all
- Equality of opportunity and diversity is promoted
- Services are accessible, appropriate and delivered fairly to all
- The mix of its employees, volunteers and management committees reflects, as far as possible, the broad mix of the population of its local community
- Traditionally disadvantaged sections of the community are encouraged to participate in policy decisions, and the management of the services provided.

Company procedures for implementing the policy

Equality and diversity are central to the work of our Company and we will treat all people with dignity and respect, valuing the diversity of all. It will promote equality of opportunity and diversity. It will eliminate all forms of discrimination on grounds of race, gender, marital status, caring responsibilities, disability, gender re-assignment, age, social class, sexual orientation, religion/belief, irrelevant offending background or any other factor irrelevant to the purpose in view.

It will tackle social exclusion, inequality, discrimination, and disadvantage. For this policy to be successful, it is essential that everyone is committed to and involved in its delivery. The Company's goal is to work towards a just society free from discrimination, harassment and prejudice and aims to embed this in all its policies, procedures, day-to-day practices and external relationships.

(Insert Company name) objective is to realise its standards by:

- Sustaining and continually improving its services to ensure equality and diversity principles, and best practice are embedded in our performance to meet the needs of individuals and groups
- Ensuring staff, that the employment policies are fair and robust
- Challenging discrimination
- Being accountable.

Review and update of this policy

(Insert Company name) will review and update this policy on an annual basis.

Communication of this policy

The EDI policy is internally communicated to all staff.

Signed

Date.....

Managing Director

Date of last policy review

Date of next policy review

8. A published ethical trading policy (Score = 1)

The Company must recognise the need to adopt and apply standards of ethical behaviour that are appropriate, e.g. regarding child labour, slavery.

Example: Ethical trading policy

(Insert Company name) believes strongly in ethical principles and good stewardship. We recognise that our commercial activities have potential to impact on our suppliers. As a socially responsible business our suppliers, local community and customers have a right to expect:

- Products manufactured and sourced that are produced under working conditions that are hygienic and safe
- All workers involved in the delivery of services provided are treated with full consideration to their basic human rights
- We will always act in an ethical manner above and beyond basic legal requirements.

We are therefore proud to guarantee that we trade according to the following Ethical Trading Criteria:

1. All employment is freely chosen
2. Working conditions are safe and hygienic
3. Child labour is not used
4. Wages are fair and comparable to industry standard and will always exceed the minimum wage
5. Deductions from wages as a disciplinary measure shall not be permitted
6. Working hours are not excessive
7. No discrimination is practised
8. Regular employment is provided for those who are employed on a permanent contract
9. No harsh, cruel or degrading treatment or practices are allowed
10. No bribery, corruption, blackmailing or bullying is permitted
11. Third party suppliers and buyers are both free to sell and buy from any number of other businesses. No restrictions, as a way of guaranteeing business, are allowed.

Signed

Date.....

Managing Director

Date of last policy review

Date of next policy review

9. The Organization shall have a valid BS EN ISO 45001 Occupational Health and Safety Management Systems (OHSMS) certificate issued by a certification body accredited for that standard by a National Accreditation Body (NAB) (Score = 2)

Provide a copy of the certificate where available.

10. Use of life cycle assessment (LCA) techniques, measurement and monitoring to assess, understand and improve the environmental impacts of the company's processes (Score = 1)

Provide evidence of assessment(s) of the Company's processes, such as LCA or other quantitative studies and monitoring, and show that the results have been used to improve process efficiency and to understand and reduce the environmental impact of those processes where practicable.

The sorts of studies a steelwork contractor might usefully undertake may include:

- measuring offcuts and other scrap waste and improvements about ordering stock lengths and cutting plate more efficiently, i.e. tessellation and nesting
- measuring and understanding paint overspray and curing times, e.g. is there a quicker drying product; what energy is required for drying, etc. Trade-off between VOC content and heating/drying requirements
- understanding from a carbon and cost perspective the relative impact of rolled sections versus plate girders for a particular application
- ditto for high strength steels
- understanding, measuring and taking steps to mitigate where required, local environmental impacts including noise and dust generation from fabrication activities and transport impacts including deliveries and employee commuting.

11. A responsible sourcing policy (Score = up to 2)

This policy applies to the goods and services procured by the company.

The policy and supporting documented management system, shall address the purchasing process and approval of suppliers in accordance with the company's own sustainability policy commitments.

For a minimum of 60% (by mass) of constituent materials, the requirement is that materials are traceable to suppliers with quality, environmental and health & safety management systems in place.

11.1 A policy to question whether suppliers have published sustainability policies (Score = 1)

Example: Responsible sourcing policy statement

(Insert Company name) is a specialist company which carries out the fabrication and / or erection of constructional steelwork.

(Insert Company name) sources components, materials and services on a worldwide basis. We therefore recognise that our supply chain activities have a broad sustainability impact, with our responsibilities extending beyond our own operations, and into those of our suppliers.

Scope

The scope of this policy is the goods and services purchased by the company and any services sub-contracted by the company.

Aim

The aim of this policy is to ensure that suppliers and sub-contractors adhere to the principles of sustainable development in the provision of a product or service.

Responsibility

The policy, and its implementation, is the responsibility of *(Insert relevant name and position)* and has been approved by *(Insert Company name)* board.

Commitments

(Insert Company name) commits to responsibly source products and services in fulfilment of its business operations. We expect our stakeholders to act in a socially and environmentally responsible manner.

Suppliers are expected to have organisational management systems in place for delivering compliance with the sustainability principles in their own operations and those of their suppliers.

Suppliers should comply with all relevant legislation in the countries in which they operate and shall establish procedures to demonstrate and report compliance.

Suppliers shall have a documented quality management system following the fundamentals of BS EN ISO 9001 to implement its quality and responsible sourcing procedures.

Suppliers shall have in place a documented management system for its purchasing process and for approval of its suppliers.

Suppliers should demonstrate continuous improvement in their approach to sustainable and responsible purchasing.

We commit to procure a minimum of 60% (by mass) of constituent materials that are traceable to suppliers with a quality, environmental and health & safety management systems in place.

Company procedures for implementing the policy

(Insert Company name) has a documented management system for its purchasing process and for approval of its suppliers.

(Insert Company name) maintains a list of approved suppliers of constituent materials.

For suppliers based outside of the UK, EU/EEA the Company undertakes appropriate risk assessment and due diligence.

Review and update of this policy

(Insert Company name) will review and update this policy on annual basis, taking account of any changes within legislation and our Company, and other factors.

Communication of this policy

This policy is published on the Company's website and internally communicated to all employees.

Signed Date.....

Managing Director

Date of last policy review

Date of next policy review

11.2 A minimum of 50% (by weight) of steel sections and plate shall be from suppliers with a responsible sourcing policy to a recognised standard, e.g. BES 6001. (Score = 1)

Over the reporting period, Companies are required to demonstrate that they are sourcing a minimum of 50% of their constituent steel products from suppliers with a responsible sourcing policy to a recognised standard, e.g. BES 6001.

Evidence shall be collated and presented in a tabular form to demonstrate compliance. See example below.

Supplier	Product	Responsible sourcing certification	Reporting period	Tonnage
British Steel	HR sections	BES 6001	2021	12000
Dillinger	Plate	BES 6001	2021	3000
Tata Steel	Hollow sections	BES 6001	2021	2500
		Responsible tonnage sourced in	2021	17500
		Total tonnage sourced in	2021	24750
		% responsibly sourced		71 %

BES 6001 certified manufacturers can be checked on the GreenBookLive website <https://www.greenbooklive.com/search/scheme.jsp?id=153>

12. The Organization shall have a valid BS EN ISO 9001 Quality Management Systems (QMS) certificate issued by a certification body accredited for that standard by a National Accreditation Body (NAB). (Score = 2)

Provide a copy of the certificate where available.

13. To procure at least 50% (by weight) of steel sections and plate from steel producers with a published decarbonisation roadmap. (Score = 1)

Over the reporting period, typically 12 months, Companies are required to demonstrate that they are sourcing a minimum of 50% of their constituent steel products from steel producers with a published decarbonisation roadmap. Note that this requirement relates to the steelmaker not the stockholder.

Most major UK and EU steel producers will have published decarbonisation roadmaps with CO₂ emission reduction targets and timescales.

Other steel producer commitments that would meet this requirement include:

- ResponsibleSteel certification
- Adoption of science based targets (SBTi).

Evidence shall be collated in a tabular form to demonstrate compliance. See example below.

Supplier	Product	Published decarbonisation commitment (reference or hyperlink)	Reporting period	Tonnage
British Steel	HR sections	Low-Carbon Roadmap British Steel	2021	12000
ArcelorMittal	Plate	Climate Action in Europe ArcelorMittal	2021	3000
Tata Steel	Hollow sections	Optemis Tata Steel in Europe (tatasteelurope.com)	2021	2500
		Tonnage with a published decarbonisation commitment sourced in	2021	17500
		Total tonnage sourced in	2021	24750
		% with a published decarbonisation commitment		71 %

14. A company commitment to contribute to efficient and optimised structural designs, taking into account greenhouse gas emissions and the reusability of the steel structure, and to communicate options to clients. (Score = 1)

The Company must commit to question the underlying design assumptions from a sustainability perspective and, where it is able, contribute to efficient and optimised structural designs for example, by minimising steel weight, design for deconstruction, identification of the members to be reclaimed at the end of life, etc.

As an example:

- the Company designed trestles and floor deck around previously used temporary works steel
- the Company was involved in Project X that used 10% of reclaimed structural sections
- the Company provides clients with BIM models that facilitate future reuse of structural steelwork.

To meet this requirement, Companies shall provide evidence of projects in which they have contributed to a more sustainable structural solution.

**15. Demonstration of innovation relating to sustainable steel construction but not covered under the other requirements, since the last Charter audit.
(Score = up to 2)**

The Company must show evidence of innovative sustainability practices that have not been covered under the other Charter requirements. Examples of innovation are given below:

- projects reusing steel members
- making steel structures more demountable, e.g. bolted shear connectors
- on site/factory innovation relating to process optimisation, etc.
- participation in R&D projects
- involvement in other sustainability groups and forums, for example, participation in the BCSA Sustainability Group, the Supply chain sustainability school, etc.



The British Constructional Steelwork Association Limited
4 Whitehall Court, Westminster, London SW1A 2ES
Telephone: 020 7839 8566
Email: postroom@bcsa.org.uk
Web: www.bcsa.org.uk