

ENVIRONMENT AND SUSTAINABILITY PACK



**"Creating a more
sustainable, inclusive
and growing future for
all is the defining issue
of our time."**

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CO₂e
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Organisation



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1. The UK Landscape

The UK produces **seven million tonnes** of steel each year, equating to around **11.6 million tonnes** of CO₂. The emissions related to the steel we import and consume in the UK, however, are far greater.

Imported steel used in sectors such as manufacturing and construction, coupled with the significant volumes of imported goods containing steel, equate to around 18 million tCO₂. As such, the UK could ultimately be seen to be consuming around 16 million tonnes of steel each year and responsible for **29 million tCO₂**.*

The need for developing a strategy for decarbonising steel, therefore, has never been greater. However, it's imperative that a wider view and aim to reduce the overall emissions related to steel consumption is considered - not just the emissions from domestic production.

By taking a global view, the UK can avoid the unnecessary situation of decarbonisation through deindustrialisation and prevent losing the industrial capability, jobs and resilience that come from the domestic steel sector.

For further information please visit our website at www.ajnsteelstock.co.uk.

*SOURCE: UK STEEL - NET ZERO STEEL REPORT

2. The Challenge

Steelmaking is a carbon-intensive process, accounting for 7-9% of all global greenhouse gas emissions and with the world's consumption of steel increasing at over 3% each year, there is a growing need to address those emissions.

The challenge of decarbonisation will require the most fundamental transformation of the steel sector in modern history. No steel company in the world has managed to fully decarbonise its production process yet. The UK, however, has consistently been at the vanguard of climate action and is, once again, well placed to show leadership and tackle the challenge head on.*



It's widely agreed that the steel sector will require the development and application of new technologies and initiatives, which could include:

- An increase in electric arc furnace (EAF) steel production capacity in the UK
- The application of carbon capture, utilisation and storage (CCUS) technologies to a range of steel production processes
- The replacement of natural gas in downstream processes with alternative 'green' fuels
- Advanced sorting technologies to improve the quality of steel scrap supply
- Improvements in electric arc furnace technologies to increase the production range available
- The introduction of alternative ore-based steel production processes, including HIsarna and Direct Reduced Iron (DRI) technologies like MIDREX and HYL (likely to be available after 2035).

Enabling this transition will require significant investment from the steel industry as well as major policy changes from Government. The potential for growth and increased steel production in the UK, however, offers the prospect of new 'green' jobs and the development of economic activity in local communities.

*SOURCE: UK STEEL - NET ZERO STEEL REPORT

3. Sustainable Steel

Steel today is produced to one of two methods. Globally, 72% of steel is made via ore-based production in blast furnaces and basic oxygen furnaces (BOF) using coking coal and iron ore as its primary raw materials. A further 28% of steel is produced via scrap-based production in electric arc furnaces, melting and recycling scrap steel to make new steel products.

The electric arc furnace process can use 100% recovered ferrous scrap metal as the primary raw material and can emit up to 85% less carbon dioxide than blast furnaces.*

Whilst electric arc furnaces allow for a much cleaner way to produce steel, the whole life cycle of the steel production process - including transportation and the energy source used in powering the furnaces - must be considered when looking at decarbonisation targets.

Reports suggest, for example, that electric arc furnaces require three times more grid electricity to produce the same volume of steel as a blast furnace. Additionally, electric arc furnace steel, produced in the EU and shipped to the UK, produces 50% more CO₂ than steel produced and transported in the UK.*

OUR APPROACH

As one of the UK's leading steel stockholders, we run a continual business cycle of planning, implementing and reviewing in order to meet our environmental obligations. Our current steel sourcing targets and objectives include:

- ➊ Only purchasing steel from suppliers who are reducing their carbon footprint by introducing electric arc furnaces**
- ➋ Purchasing steel locally, where possible, to reduce CO₂ emissions through transportation
- ➌ Consider renewable energy sources rather than conventional energy sources where possible
- ➍ Eliminating the use of plastics in packaging material from suppliers
- ➎ Increasing the use of curtain sided vehicles and vehicle sheeting to eliminate the need to wrap material in plastic.

*SOURCE: UK STEEL - NET ZERO STEEL REPORT

**Currently, around 60% of material held and processed by AJN Steelstock is recycled content produced by scrap-based production via EAF. However, if a customer's project calls for a higher percentage, we will do our utmost to ensure we always meet their requirements.

4. Our Commitment to a Greener Future

Operating to a consistently high ethical standard is the foundation of building and maintaining the trust of others. Our commitment to sustainability extends across all areas of our business and is rapidly gathering pace with initiatives and measures that are already yielding strong results.

As a company, we:

Have and continue to hold the ISO 14001, ISO 45001, ISO 9001 and EN1090 accreditations at both processing sites

Comply with Carbon Footprint reporting to Scope 1 & 2 carbon emissions

Conduct and complete Energy Savings Opportunity Scheme (ESOS) audits to enable compliance with ESOS legislation (currently reporting on Scope 1 & 2)

Comply with all relevant Waste and Packaging legislation and reporting

Continually review and improve our Quality, Environment and Health & Safety Management Systems

Evaluate suppliers for compliance with relevant standards before adding them to the approved suppliers list

Produce and communicate policies to manage AJN Steelstock's governance



5. Maximising efficiency, minimising waste

We have been on our journey of actively tackling our climate impact for over a decade and where possible, we look to introduce and develop new solutions and innovations to help contribute to CO₂ reduction through our processes, services, technologies, materials and equipment.

SOLAR POWER

Two of our steel storage and processing warehouses in Kentford have been fitted with solar panels. Covering 3,863 square metres, the solar panels cut our reliance on traditional energy consumption by **55%** and prevent over **60 tonnes** of CO₂ from entering the atmosphere a year.

FUEL EFFICIENCY

Our 70 plus fleet of delivery vehicles all comply with 'Euro 6' European Emission Standards and some are fitted with wind deflectors to deliver **7%** fuel efficiency and **7%** lower CO₂ emissions.

TIMERS

Light switches at all sites are being converted to timer switches so that they only come on when required.

REFURBISHMENTS

Lorry trailers are being fully refurbished rather than replaced to increase their lifespan and reduce waste.

RECYCLE

Everything that can be recycled is being recycled - scrap metal (100% of scrap metal is recycled), swarf, wood, paper, cardboard, plastics, PPE and domestic waste such as cans and bottles - significantly reducing waste to landfill.

LED LIGHTING

All office, warehouse and stockyard lights are being replaced with energy efficient LED lighting. At the time of publication, **92%** of the lights at our Henstridge site have been converted to LEDs, **83%** at Kentford. All emergency lighting and signs at both sites have been converted to LEDs.

TRAINING

Staff are regularly educated on environmental issues such as energy use, waste segregation and spill training via regular toolbox talks and on-site training.

PLANNED MAINTENANCE

An extensive programme of planned preventative maintenance is carried out to increase the lifespan of plant machinery and vehicles.

REDUCED WASTAGE

Materials bought in are reduced to those that are absolutely necessary and needed to reduce waste.

6. Our Path to Net Zero

NET ZERO ROADMAP

We are committed to achieving Net Zero climate impact by 2050.

2023	- Carbon Footprint (Scope1 & 2) emissions @ 8,772.35 tonnes CO₂e of market based absolute emissions. - CO₂e per tonne of steel @ 0.0507. - CO₂e per employee @ 0.0204. - CO₂e per £ million turnover @ 0.0386.
2024	- Installation of insect hotels and birdboxes at all sites to encourage wildlife development. - On-site wildlife areas created to encourage insect-life and pollination. - Additional installation of new native species rich hedgerow and trees to provide wildlife.
2025	100% LED light usage throughout all sites and facilities. - Reduce energy use throughout production and offices by 5% per tonne. - At least 50% of electricity purchased from renewable energy sources. - At least 60% of steel sourced and purchased from recycled material.
2027	- Electricity usage reduced by 10% per tonne compared to 2023. - A minimum of 80% of steel used to be produced by electric arc furnaces. 100% of electricity purchased from renewable energy sources. - Obtain ISO 14068 accreditation and / or produce science-based targets. - Review and assess validity of latest technology changes to further accelerate decarbonisation. - Report on Scope 3 emissions.
2030	Government target of 68% emissions reduction.
2035	- Government target of 77% emissions reduction. - Ban on sale of petrol and diesel cars. - Ban on installation of new gas and oil boilers. Requirement for air source heat pumps.
2045	Government target of 90% emissions reduction.
2050	Carbon Net Zero.



7. Embodied Carbon Reporting

By working closely with steel mills and reviewing their carbon emissions data we can produce thorough and accurate Embodied Carbon Reports, including project specific summary sheets and certificates, that provide key data on the embodied carbon within a customer's order and project.

Please speak to your sales contact, or a member of our HS&E Department if you require these, or would like further information on our reporting.

Embodied Carbon Report - PROJECT CERTIFICATE

		
EMBODIED CARBON REPORT 	CUSTOMER ACCOUNT PROJECT / ORDER DETAILS	SAMPLE SAMPLE
STEEL SUPPLIED 13.508 tonnes	EMBODIED CARBON FACTOR Material only 0.416 per one tonne of steel	TRANSPORT EMISSIONS Supplier to AJN Steelstock 0.463 tonnes CO2e
EMBODIED CARBON (A1 - A3) 7.395 tonnes	Material and transport 0.450 per one tonne of steel	AJN Steelstock to fabricator 1.310 tonnes CO2e
ELECTRIC ARC FURNACE CONTENT 13.508 tonnes	EMBODIED CARBON REMOVED FROM PROJECT: 29.364 tonnes	
     		

Embodied Carbon Report - PROJECT SUMMARY SHEET

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8. Environmental Policy Statement

Document no. CEMS-EP

Issue Date:2016 / Revision 06 (25/10/2024)



ENVIRONMENTAL POLICY STATEMENT

AJN Steelstock Ltd is a steel stockholder that buys in and then sells steel in various shapes and sizes that is processed to customer requirements. This involves cutting, drilling and painting as required. The goods are then generally transported to the customer using our own fleet of Lorries. The delivery area is East Anglia, Midlands, Home Counties, West Country and London.

The directors of **AJN Steelstock Ltd** are committed to the management of our environmental obligations at our sites at Kentford, Kennett and Henstridge, seeking to:

- Meet the requirements of all environmental legislation applicable to us, together with our industry standards thus meeting our compliance obligations
- In handling fuels and other hazardous materials associated with our production facilities, take all essential measures to prevent pollution
- Maintain the continual improvement of environmental performance through the regular review of our management system.

In seeking to maintain and improve the environmental performance of the organisation we will:

- Review the organisation's raw material resources to ensure that, wherever possible, recycled materials are employed, the use of non-renewables is minimised and research is directed towards sustainable materials and processes
- Conserve energy wherever possible, seeking to reduce the use of fossil fuels
- Maintain waste-saving protocols to ensure the recovery of recyclable material
- Engage with staff and contractors to ensure that they understand the environmental obligations associated with their roles within the organisation and that they are encouraged to suggest improvements to the EMS
- Encourage suppliers and contractors to develop sustainable management practices
- Prevent pollution and ensure that staff have the appropriate training and awareness to protect the environment as part of their day to day activities
- Set environmental objectives that are relevant and reviewed regularly for progress and achievement

In order to achieve this, we will maintain and continually seek to improve an Environmental Management System that is compliant with the requirements of ISO14001:2015.

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Document no. CEMS-EP

Issue Date:2016 / Revision 06 (25/10/2024)

Signed 
Neil Boyden (Managing Director)

Date 25th October 2024

REVISION	DATE	AUTHOR	REASON
01	2016	Adrian Dawson	Added Henstridge into policy
02	16/05/19	Adrian Dawson	Inserted Kennet into the policy as a result of Management review meeting 13/05/19
03	25/03/21	Natalie Webb	Updated to reflect new marketing Template.
04	08/06/22	Natalie Webb	Reviewed and respaced
05	26/10/23	Stephen Cooper	Reviewed and added sign off for MD
06	25/10/24	Stephen Cooper	Reviewed and signed by NB

9. ISO 14001 Certificate





Certificate of Registration

ENVIRONMENTAL MANAGEMENT SYSTEM - ISO 14001:2015

This is to certify that:

A J N Steelstock Ltd
 Icknield Way
 Kentford
 Newmarket, Suffolk
 CB8 7QT
 United Kingdom

Holds Certificate Number: EMS 561026

and operates an Environmental Management System which complies with the requirements of ISO 14001:2015 for the following scope:

Stockholding and supply of various steel products. Thermal cutting, sawing, drilling, shot blasting, primer painting and delivery of the stock materials to customer requirements where specified.

For and on behalf of BSI:



Matt Page, Senior Vice President, EMEA Assurance

Original Registration Date: 2010-09-07
 Latest Revision Date: 2025-03-05

Effective Date: 2025-04-26
 Expiry Date: 2028-04-25





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Certificate No: EMS 561026

Location

A J N Steelstock Ltd
Icknield Way
Kentford
Newmarket, Suffolk
CB8 7QT
United Kingdom

Registered Activities

Stockholding and supply of various steel products. Thermal cutting, sawing, drilling, shot blasting, primer painting and delivery of the stock materials to customer requirements where specified.

AJN Steelstock Ltd
Gibbs Marsh Trading Estate
Henstridge
Templecombe
BA8 0TN
United Kingdom

Stockholding and supply of various steel products. Thermal cutting, sawing, drilling, shot blasting, primer painting and delivery of the stock materials to customer requirements where specified.

Original Registration Date: 2010-09-07
Latest Revision Date: 2025-03-05

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