

**Caunton Engineering Ltd  
Carbon Reduction Plan (PPN 006)**

**Document Reference: PS-SS-007**

**Revision History**

<b>Version</b>	<b>Date</b>	<b>Prepared By</b>	<b>Reviewed / Approved By</b>	<b>Nature &amp; Location Of Change</b>
1	22/04/2026	K.Lomas	M.Shimwell	Creation of document

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## Purpose

Caunton Engineering Limited are one of the UK's leading structural steelwork contractors, with a proven track record of delivering structural & secondary steelwork packages throughout the UK construction and infrastructure sectors.

Caunton Engineering Limited is committed to supporting the UK Government's Net Zero ambition. This Carbon Reduction Plan (CRP) sets out our organisational carbon footprint, baseline and current emissions, and the measures we have implemented and will continue to implement to reduce greenhouse gas (GHG) emissions across our operations and value chain.

This plan applies to all UK operations and covers emissions categorised as Scope 1, Scope 2, and relevant Scope 3 emissions, in accordance with the Greenhouse Gas Protocol.

## Our Sustainability Vision

Caunton Engineering recognises its responsibility to support this transition and is committed to reducing carbon emissions associated with both our direct operations and the structures and infrastructure we help to design and deliver.

Our sustainability strategies and policies are subject to ongoing review and continuous improvement to ensure alignment with emerging industry best practice, technological innovation, and legislative and regulatory requirements.

We place strong emphasis on learning, innovation, and employee engagement, recognising that our people play a vital role in achieving meaningful and sustained carbon reduction. Our day-to-day business operations focus on delivering performance excellence while maintaining a robust commitment to environmental sustainability, social value, and community stewardship.

Our Carbon Roadmap defines our structured approach to carbon reduction and sets out our pathway to achieving Net Zero emissions by 2050.

## **Our Approach and Commitments**

Our approach provides flexibility to ensure that targets and actions remain aligned with business growth, client expectations, and evolving industry requirements. Carbon reduction considerations are embedded into decision-making across design, procurement, manufacturing, logistics, and site delivery activities.

## **Commitment to Achieving Net Zero**

We monitor and measure our greenhouse gas emissions annually and are committed to transparent, accurate, and accountable carbon reporting. Our emissions data is calculated using the NZC Plus Company CO<sub>2</sub>e Carbon Calculator which is aligned with ISO 14064.

Our NZC Plus Company CO<sub>2</sub>e Carbon Calculator inventory data for our year ending January 2025 has been independently audited and certified under the Achilles Toitū Carbon Reduce Programme, in accordance with ISO 14064-1.

We recognise our Scope 3 emissions represent our largest source of carbon impact and actively collaborate with our supply chain partners to raise awareness, share knowledge, and drive innovation and behavioural change to reduce value-chain emissions.

## **Reporting Standards and Methodology**

This Carbon Reduction Plan has been prepared in accordance with:

- The Greenhouse Gas Protocol Corporate Accounting and Reporting Standard
- UK Government GHG Conversion Factors for Company Reporting (DEFRA/BEIS)
- Product-specific Environmental Product Declarations (EPDs), where applicable

## **Organizational Carbon Footprint (Baseline & Current Emissions)**

**Baseline** Trading Year Ending January 2022 Emissions:

- Scope 1: 1,018 tonnes CO<sub>2</sub>e
- Scope 2: 480 tonnes CO<sub>2</sub>e
- Scope 3: 128,208 tonnes CO<sub>2</sub>e)

Base year emissions include categories 1 Purchased Goods & Services; 3 Fuel and energy related activities; 4 Upstream transportation and distribution; 5 Waste generated in operations; 6 Business travel 7 Employee commuting; 9 Downstream transportation and distribution.

**Current Trading Year Ending January 2025 Emissions:**

- Scope 1: 862 tonnes CO<sub>2</sub>e
- Scope 2: 429 tonnes CO<sub>2</sub>e
- Scope 3: 61,036 tonnes CO<sub>2</sub>e

\*\* Current emissions relate to our NZC Plus Company CO<sub>2</sub>e Carbon Calculator inventory data year ending January 2025 and addendum inventory

Our current year emissions include categories 1 Purchased Goods & Services; 2 Capital goods; 3 Fuel and energy related activities; 4 Upstream transportation and distribution; 5 Waste generated in operations; 6 Business travel; 7 Employee commuting; 9 Downstream transportation and distribution.

**Scope Definitions (PPN 006)**

- Scope 1: Direct emissions from owned or controlled sources
- Scope 2: Indirect emissions from purchased energy
- Scope 3: Indirect supply chain emissions including categories 1 to 7 and 9

**Carbon Reduction Targets**

Our Carbon Roadmap located on our company website highlights our key strategies and depicts our scope 1, 2 and 3 target reduction emissions

**Carbon Reduction Initiatives**

We continue to promote sustainability awareness, improvement, and initiatives throughout our business, supply chain and industry, whilst collaborating with clients and other key stakeholders to pursue carbon CO<sub>2</sub>e emission betterment, with a focus on early engagement to maximize the use of our knowledge, experience and expertise

We have undertaken the following initiatives, and continue to work collaboratively and explore opportunities with colleagues, supply chain partners, clients, academics, and industry:

1. Embedded low carbon principles in our estimating, design, and procurement functions and our decision-making processes, with a focus on:
  - Design optimization (minimize weight, maximize grids, use standardization, etc.)

- Design for Manufacture and Assembly
  - Promote off-site fabrication and assembly (where viable)
  - Low embodied carbon products
  - Steel reuse with a focus on the circular economy reuse (permanent & temporary works)
  - High strength grade steel (reduced weight & Carbon C02e)
  - Reduce transport delivery movements to site - maximize load sizes / lots
  - Reduce and mitigate all forms of waste
  - Energy / fuel efficiency and consumption to form 'part' of all asset and material procurement and leasing decisions
2. Renewable solar wall cladding panels are incorporated within our Cut Shack production facility
  3. LED lighting systems and fitments have been retro fitted throughout our production facilities
  4. The latest inverter technology is incorporated within our production machinery
  5. Transitioned to electric forklifts and side loaders within our production facilities
  6. In-house sustainability awareness and education presentations and publications
  7. Environmental Product Declarations (EPDs), BES6001, ISO 14001 used to aid our procurement decisions
  8. Promote steel reuse - example: Project HARNESS (Innovate UK / DESNZ - March 2026)
  9. BCSA sustainability and steel reuse group members

## Governance and Approval

Our Carbon Reduction Plan has been approved at Board level. Progress against commitments and targets will be reviewed and updated on an annual basis.

Signed



Mr M. Shimwell  
Managing Director

Dated: 22<sup>nd</sup> April 2026