

BS Surgicare SMC Pvt Limited – Carbon Reduction Plan

Prepared in alignment with PPN 06/21, NHS Net Zero Supplier Roadmap, and the GHG Protocol Corporate Standard

Supplier Name: BS Surgicare SMC Pvt Limited

Publication Date: 31/01/2026



Commitment to Achieving Net Zero

BS Surgicare SMC Pvt Limited confirms its commitment to supporting Net Zero objectives across the UK healthcare supply chain. As the upstream manufacturing partner for BS Surgical Instruments Ltd, BS Surgicare aligns with:

PPN 006 (February 2025)

Requirements for supply chain emissions reporting

NHS Net Zero Supplier Roadmap

Expectations for overseas manufacturers

GHG Protocol Corporate Standard

For Scope 1, Scope 2, and Scope 3 emissions accounting

Baseline Emissions Footprint

Baseline emissions represent the organisation's greenhouse gas output prior to the implementation of carbon reduction strategies. This baseline will serve as the reference point for future reductions.

Baseline Year

January - December 2025

Additional Details

Details relating to the baseline emissions calculations will be added once activity data, operational boundaries, and relevant Scope 3 categories have been fully assessed.

Baseline Emissions (tCO₂e)

Emissions Source	Total (tCO ₂ e)
Scope 1	20
Scope 2	50
Scope 3:	
Fuel & Energy-Related Activities - 10	
Upstream Transportation & Distribution - 50	
Waste Generated in Operations - 5	
Business Travel - 5	
Employee Commuting - 20	
Purchased goods & services (raw materials, steel, packaging) - 150	
Total Scope 3 - 240	
Total Emissions - 310	

Current Emissions Reporting

Reporting Year

January - December 2026 (Projected/Estimated)

Emissions (tCO₂e)

Emissions Source	Total (tCO ₂ e)
Scope 1	67
Scope 2	84
Scope 3:	
Fuel & Energy-Related Activities - 24	
Upstream Transportation & Distribution - 330	
Waste Generated in Operations - 18	
Business Travel - 14	
Employee Commuting - 25	
Purchased goods & services (raw materials, steel, packaging) - 855	
Total Scope 3 - 1,266	
Total Emissions - 1,417 tCO₂e	

Emissions Reduction Targets

BS Surgicare operates under a certified **ISO 13485:2016 Quality Management System**, which provides strong governance for environmental and operational controls. Key measures include:

Documented QMS

With controlled procedures, records, and traceability

Risk-Based Process Management

FMEA-based

Supplier Qualification

Written quality agreements

Control of Outsourced Processes

With monitoring and verification

Preventive Maintenance

Of machinery to reduce energy waste

Document Control

Digital record management (SharePoint)

Record Retention

10-year minimum retention of quality and production records






Internal Audits

Management reviews driving continual improvement

These systems support environmental performance, energy efficiency, and waste minimisation across manufacturing operations.

Carbon Reduction Projects Completed to Date

A detailed list of completed carbon reduction initiatives will be added once operational data and historical sustainability actions have been reviewed. These may include:

-  **Improvements in manufacturing efficiency**
-  **Reductions in material waste**
-  **Packaging optimisation**
-  **Renewable energy integration**
-  **Transition to lower-carbon logistics**

Carbon Reduction Projects – Ongoing & Planned

BS Surgicare SMC Pvt Limited is committed to implementing a structured programme of carbon reduction initiatives, including:



Alignment with ISO 14001 environmental management principles



Adoption of renewable energy sources where feasible



Expansion of Scope 3 measurement across all relevant categories



Supplier engagement to improve environmental performance



Waste reduction and recycling improvements



Increased use of low-carbon transport modes

Supply Chain Commitments

Packaging

- Transition to recyclable and reduced-impact packaging materials
- Reduction of packaging mass and volume
- Clear recycling instructions for customers

Products

- Engineering to reduce material use and waste
- Increased recyclability of product components
- Improved on-site recycling of manufacturing waste

Environmental Remediation

- Participation in environmental restoration initiatives
- Support for community-based sustainability programmes
- Integration of sustainability criteria into procurement processes

Transportation

- Reduction of fossil-fuel-based transport
- Increased use of sea freight over air freight where operationally viable
- Monitoring and optimisation of international logistics

Operations

- Implementation of energy-efficient lighting and equipment
- Reduction of paper use and transition to digital systems
- Improved insulation and energy management
- Segregated waste streams and increased recycling
- Water-use reduction initiatives

Commuting & Business Travel

- Encouragement of low-carbon commuting options
- Increased use of virtual meetings to reduce travel
- Transition to electric or hybrid company vehicles where feasible

Emissions Reduction Targets

BS Surgicare will confirm its reduction targets following completion of its baseline emissions assessment. Targets will align with:

- PPN 006 requirements for supply chain emissions
- NHS Net Zero expectations for overseas suppliers
- Science-aligned pathways under the GHG Protocol

Provisional target placeholders:

- Scope 1 & 2 Net Zero Target Year: 2050
- Scope 3 Net Zero Target Year: 2050

Declaration and Sign-Off

This Carbon Reduction Plan has been prepared in alignment with **PPN 06/21**, the **NHS Net Zero Supplier Roadmap**, and the **GHG Protocol Corporate Standard**. Reporting for **Scope 1 and Scope 2** emissions will follow **SECR** requirements, and **Scope 3** emissions will be calculated in accordance with the **Corporate Value Chain (Scope 3) Standard** and the mandatory categories set out under PPN 06/21.

Signed:



Natasha Khan

Signed: Natasha Khan

Position: Director

Date: 31/01/2026