

Carbon Reduction Plan

Supplier name: Sahajanand Medical Technologies Ltd.

Publication date: 12 February 2023

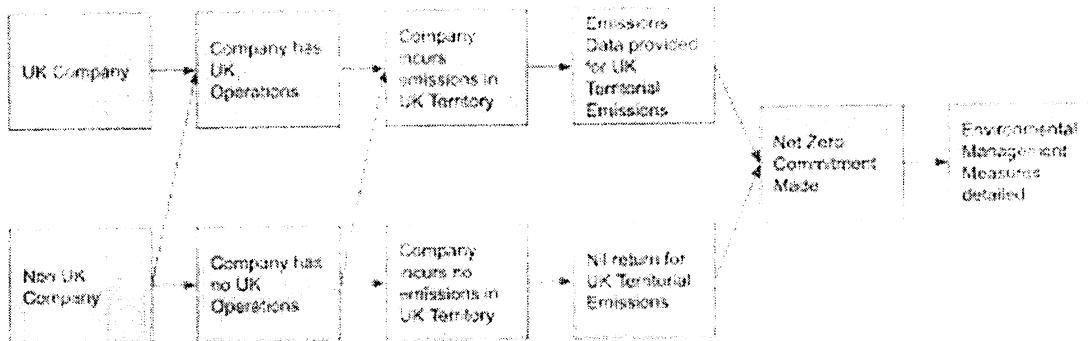
Commitment to achieving Net Zero

Sahajanand Medical Technologies Ltd. is committed to achieving Net Zero emissions by 2050.

Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

We are monitoring greenhouse gas emissions for our operations in India and Thailand. However, we presently do not have any UK operations and thus incur no greenhouse emissions in the UK territory. This carbon reduction plan has been prepared while adhering to the PPN 06/21 guidance for overseas suppliers.¹ The guidance chart is reproduced below for reference.



Baseline Year: 2021-22

Additional Details relating to the Baseline Emissions calculations

We do not have any operations in UK at present and hence we are reporting Nil return for the baseline greenhouse gas emissions as per the requirements of PP 06/21.

However, at SMT, we are fully committed to sustainable manufacturing. We have a climate change mitigation strategy for environmental protection and offsetting company's impacts towards environmental depletion. This document includes our initiatives for GHG emissions monitoring, measurement, and reduction for non-UK operations.

As and when our activities increase in UK, we shall review the greenhouse gas emissions calculations and accordingly re-baseline the emissions. We report financial and non-financial data for the period

¹ Guidance PPN 06/21: Frequently asked questions,

<https://www.gov.uk/government/publications/procurement-policy-note-0621-taking-account-of-carbon-reduction-plans-in-the-procurement-of-major-government-contracts/ppn-0621-frequently-asked-questions>

Last accessed: 10 February 2023.

of April – March. We intend to update the Carbon Reduction Plan and report on greenhouse gas emissions for this period in future.

Baseline year emissions:

EMISSIONS	TOTAL (tCO₂e)
Scope 1 GHG Emissions	0
Scope 2 GHG Emissions	0
Scope 3 GHG Emissions (Included Sources) ²	0
Total Emissions	0

²We do not have any operations in the UK territory and thus none of the Scope 3 categories are applicable for the purpose of this Carbon Reduction Plan.

Current Emissions Reporting

We are reporting Nil return as we do not have any operations in the UK.

Reporting Year: 2022-23	
EMISSIONS	TOTAL (tCO₂e)
Scope 1 GHG Emissions	0
Scope 2 GHG Emissions	0
Scope 3 GHG Emissions (Included Sources)	0
Total Emissions	0

Emissions reduction targets

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

Due to Nil return as a result of no operations in the UK territory, we are not providing any graph depicting the trend of projected vs actual greenhouse gas emissions.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2021-22 baseline. These measures will be in effect when performing the contract.

The following measures refer to our operations in India. We do not have any operations in the UK territory.

Replacement of lights with LED lights – At our manufacturing facility we have been replacing existing lights with LEDs since past few years. This has helped us reduce the electricity consumption due to lighting load. We regularly monitor the electricity consumption at the facility and every replacement is made with energy efficient alternative.

Variable Frequency Drives (VFD) for motors – We have progressively replaced motors used in HVAC equipment and compressors with VFD. This is significantly energy efficient compared to conventional motors and has helped us reduce electricity consumption. Apart from this replacement, we also undertake periodic maintenance of the motors to ensure that they operate at optimum efficiency.

Energy efficient HVAC equipment – Due to the nature of manufacturing activity, we need to maintain appropriate temperature and humidity levels. We ensure this through efficient operation of HVAC equipment. For example, we have defined zones based on their temperature and humidity requirements. This has allowed us to select the HVAC system suited for the required temperature and humidity profile. By effective zoning, we have been able to optimise the HVAC operations and reduce the overall electricity consumption.

Use of natural gas in the canteen – We use piped natural gas instead of liquified petroleum gas in the canteen located in our manufacturing facility. This not only helps reduce the GHG emissions but also reduces the transportation requirements.

In the future we hope to implement further measures such as:

Renewable energy – We are actively exploring opportunities for installation of on-site solar PV panels. These will help us reduce the electricity purchase from grid. We are further evaluating procurement of electricity generated from off-site renewable sources through open access power procurement.

Packaging optimization – We recognize that a significant amount GHG emissions occur due to transportation of raw materials and finished products. We are engaging with our suppliers to optimize the packaging so as to reduce the weight. We are also evaluating potential to reduce the weight of our product packaging.

The future measures stated above refer to our operations in India. We do not have any operations in the UK territory.

Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard and uses the appropriate Government emission conversion factors for greenhouse gas company reporting.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body). A copy of this Carbon Reduction Plan is available on our company website at https://smtpl.com/carbon_reduction_plan.

Signed on behalf of the Supplier:



Ganesh Sabat

CEO

Date: 12 February 2023