

Carbon Reduction Plan

Supplier name: Buchanan Orthotics Limited

Publication date: 10/11/2023

Commitment to achieving Net Zero

Buchanan Orthotics Limited is committed to achieving Net Zero emissions by 2030

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.

FULL DETAILED PLAN CURRENTLY BEING APPROVED BY CLIMATE PARTNER AND WILL BE ISSUED 1ST DECEMBER.

Baseline Year: 2022	
Additional Details relating to the Baseline Emissions calculations.	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	27.15
Scope 2	307.07
Scope 3	37.51
(Included Sources)	
Total Emissions	371.73

Current Emissions Reporting

Reporting Year: 2022	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	27.15
Scope 2	307.07
Scope 3 (Included Sources)	37.51
Total Emissions	371.73

Emissions reduction targets

Buchanan Orthotics will publish full reduction targets through climate partners. In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets. We project that carbon emissions will decrease over the next five years to 223.04 tCO₂e by 2028. This is a reduction of 40 %.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2022 baseline. The carbon emission reduction achieved by these schemes equates to a significant reduction against the 2022 baseline, and the measures will be in effect when performing the contract.

- Replacement of all company petrol vehicles with electric vehicles. This is 30% complete.
- Working towards achieving ISO14001 with initial Audit due in July 2024.
- Procuring all Electricity through renewable sources, certified as of January 2023.
- Implementing Environmental policy processes including stopping overtime and ensuring
- above 90% efficacy in machine/energy usage.
- All lighting across offices and factory have been replaced with LED bulbs as of January 2023



Buchanan Orthotics

- Reducing travel in alignment with Environmental policy, implementing online training and
- reducing on-site visits.

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

- Installation of Solar panelling on the Factory roof, which should generate 30% of the energy requirements.

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).

Signed on behalf of Buchanan Orthotics:

Date: 10/11/202