Carbon Reduction Plan

Supplier Name: Brown & Burk UK Ltd

Publication date: 31st January 2024

Commitment to achieving Net Zero

Brown & Burk UK Ltd is committed to achieving Net Zero emissions by 2050 and this will cover Scope 1, 2 and Scope 3 categories.

Baseline Emissions Footprint

Baseline emissions refer to the amount of greenhouse gases generated before any emission reduction strategies were implemented. They serve as a reference point for measuring the progress and effectiveness of efforts to lower emissions.

Baseline Year: 2023
Additional Details relating to the Baseline Emissions calculations.
The baseline exercise was conducted for the first time for the year 2023, as no previous greenhouse gas (GHG) emissions reports had been published. Emissions are reported on a calendar year basis, covering the period from January 1st to December 31st. In 2023, Brown & Burk, with the support of an external provider, calculated its full carbon footprint in accordance with the Greenhouse Gas (GHG) Protocol Guidelines. The year 2023 has been established as the baseline year, as it marks the first comprehensive emissions report covering all relevant categories under Scope 1, Scope 2, and Scope 3, as outlined in the Technical Standard for Completion of Carbon Reduction Plans. All data for Scopes 1, 2, and 3 were gathered from recorded business operations and service providers. The company does not use natural gas and, during the reporting year, recorded no GHG emissions from fire extinguishers or air conditioning units. **Methodology** Electricity- Emissions related to electricity were quantified with the consumption of electricity from the business (office, warehouse and electric forklifts). The Defra Conversion Factor (2023) for UK electricity (location-based approach) was used. Company Cars (electric cars) – GHG emissions from company cars were calculated based on recorded mileage and DEFRA emission factors 2023. Business Travel (Air)- Greenhouse emissions from Air Travel in 2023 were calculated with flights data registered in the company and DEFRA emission factors 2023.

Business Travel (Electric cars)- Greenhouse emissions from Business Travel with electric cars were calculated based on mileage recorded in the company and DEFRA emission factors 2023.

Waste - Waste production data recorded in the company and DEFRA emission factors for 2023 were used to quantify the GHG emissions from Waste.

Employee Commuting – Includes an average figure for employee commuting by using the average data method as published in Greenhouse Gas Protocol: Technical Guidance for Calculating Scope 3 Emissions. Going forward, BB UK will be conducting an employee survey to capture typical commuting types from car, bus, rail, other and this information will be included in future statements.

Upstream Transportation of Goods – Data from the main suppliers were analysed with regards to quantities purchased, distances (km) and type of transport used. The appropriate DEFRA emission factors 2023 were used to quantify the GHG from transportation from suppliers.

Downstream transportation of goods – GHG emissions data from downstream transportation of goods was provided by the company Alloga UK for the orders shipped.

Baseline Year Emissions:

EMISSIONS	**TOTAL (tCO_2e)**
Scope 1 **- Company cars: Electric**	**0.02**
Scope 2 **- Electricity purchased (location-based)**	**43.07**
Scope 3 **- Waste (19.39 tCO2e)** **- Business Travel- Air (50.92 tCO2e)** **- Business Travel- Electric Cars (1.32 tCO2e)** **- Employee Commuting (6.25 tCO2e)** **- Upstream Transportation of Goods (5183.71 tCO2e)** **- Downstream Transportation of Goods (50.55 tCO2e)**	**5 312.14**
Total Emissions	**5 355.23**

Current Emissions Reporting Year 2024

Reporting Year: 2024	
EMISSIONS	**TOTAL (tCO_2e)**
Scope 1 - Company cars: Electric	0.053
Scope 2 Electricity purchased (location-based)	278.75
Scope 3 - Waste (7.95 tCO2e) - Business Travel- Air (44.24 tCO2e) - Business Travel- Electric Cars (1.32 tCO2e) - Business Travel- Petrol Cars (2.96 tCO2e) - Employee Commuting (6.25 tCO2e) - Upstream Transportation of Goods (4879.77 tCO2e) - Downstream Transportation of Goods (44.23 tCO2e)	4986.72
Total Emissions	5265.52

Emissions reduction targets

To support ongoing progress toward achieving Net Zero, Brown & Burk UK is actively exploring opportunities to reduce its emissions. The company has established a range of carbon reduction targets, including:

Scope 1 and 2 Emissions

- 5% reduction electricity GHG emissions within the building in the next 5 years.

Scope 3 emissions

- 5% reduction of GHG emissions from employee commuting in the next 5 years;
- 10% reduction of GHG emissions from waste production and disposal in the next 5 years;
- 5% reduction of GHG emissions from air travelling in the next 5 years;

- 10% reduction of GHG emissions from Upstream Transportation of Goods in the next 5 years
- 5% reduction of GHG emissions from Downstream Transportation of Goods in the next 5 years

In the next 5 years and with these targets implemented we project that carbon emissions will decrease to a total of 4827.38 tCO2e by 2029. This is a reduction of circa 10% over the next 5 years.

Carbon Reduction Projects

The following environmental management measures and projects are currently ongoing, and we expect to fully evaluate the impact these have on the reduction of Greenhouse emissions in the next carbon footprint assessment.

Ongoing environmental Initiatives to reduce the carbon emission:

- Electric car scheme
- Bike access for short distances
- Video conferencing reducing business travel
- Energy efficiency programme to reduce carbon emissions and overall utility cost
- LED lights and sensors utilised
- Energy efficient HVAC system utilised- automatically adjusted by the
- implementation of BMS System
- Improvement in upstream transportation vehicle emissions- we anticipate that the companies we use to deliver goods to us will improve their carbon emissions over the next 10-20 years

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

1. Evaluate renewable energy electricity supply for contract renewal
2. Incorporate environmental requirements into all new agreements and service provision templates and adopt the template for all new and revised arrangements
3. Investigate ways of reducing paper and cardboard
4. Mapping of all sources of waste to ensure complete and targeted reduction;
5. Reduce the amount of waste (cardboard, metal and plastic) that is disposed in landfill
6. Work closely with packaging supplier to reduce the volume of packaging used and to make educated choices on sustainable materials.
7. Investigate ways of increasing the percentage of recycled content in packaging materials and recyclability of products at end of use.

Key Points to note this year:

1. Scope 3 emissions have decreased by 303.94 Tonnes compared to last year
2. Total emissions have decreased by 89.71 Tonnes compared to last year

Declaration and Sign Off

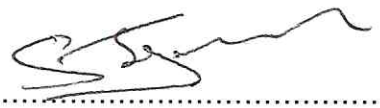
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard[1] and uses the appropriate Government emission conversion factors for greenhouse gas company reporting[2].

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[3].

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed on behalf of the Supplier:



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Date: 30/01/2025

[1] https://ghgprotocol.org/corporate-standard
[2] https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting
[3] https://ghgprotocol.org/standards/scope-3-standard