



GREENHOUSE
GAS VERIFICATION

2024

BODYCOTE plc FY2024
GHG VERIFICATION
OPINION
MAY 2025

Final Version 1.0



E-mail: info@carboncalculated.co.za | www.carboncalculated.co.za



INDEPENDENT VERIFICATION OPINION OF GREENHOUSE GAS EMISSIONS

TO: The Board of Directors and Management of Bodycote plc and intended users

Bodycote plc (Bodycote) engaged Carbon Calculated (“the Verifier”) to conduct an independent third-party verification of the 2024 greenhouse gas (GHG) emissions inventory and energy consumption for Bodycote’s global operations for the financial reporting period 1 January 2024 to 31 December 2024.

The GHG Verification Opinion Declaration is issued following in-depth review of the GHG inventory calculations and supporting information for the stated inventory period, based on the scope of work detailed below.

Responsibilities of Bodycote and Carbon Calculated

Bodycote collated the activity data and quantified the GHG emissions and is responsible for the preparation and fair presentation of the GHG statement in accordance with the stated criteria.

Carbon Calculated is responsible for expressing an independent assurance opinion on Bodycote’s FY2024 GHG emissions statement based on the verification. The verification was conducted in accordance with the ISO 14064-3:2019 Specification with guidance for the verification and validation of greenhouse gas statements to form a limited opinion regarding:

1. Conformance with the general requirements of the WRI/WBCSD GHG Protocol Corporate Accounting and Reporting Standard; and
2. Completeness and accuracy of the underlying activity data and calculated GHG emissions.

The ISO 14064-3 Standard requires that ethical standards are complied with in planning and performing the verification to obtain the agreed level of assurance that the GHG Statement is free from material misstatement.

Verification activities applied in a limited level of assurance verification are less extensive in nature, timing and extent than in a reasonable level of assurance verification.





Verification scope and subject matter

Bodycote is the world’s leading provider of heat treatment and thermal processing services that are a vital link in the manufacturing supply chain, with value-adding and proprietary specialist technologies which offer unique solutions for a variety of applications in the Aerospace & Defence, Automotive and General Industrial Business (including Energy) sectors. It is listed on the London Stock Exchange and is a constituent of the FTSE 250 Index.

Bodycote employs 4 439 people and operates more than 150 facilities in 22 countries spanning across North America, Western Europe and the Emerging Markets covering Eastern Europe, China and Mexico.

Organisational Boundary:

- ◆ Operational Control consolidation approach
- ◆ Facilities included - all facilities in 22 countries

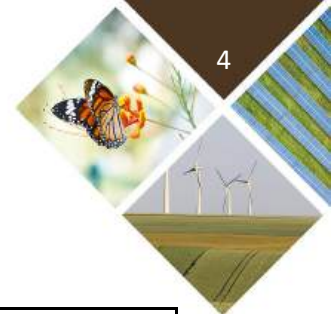
Operational Boundary:

- ◆ Scope 1, 2 & 3
- ◆ Scope 3 categories considered as not applicable are: Categories 11, 13, 14 & 15.
- ◆ No sources of emissions were excluded from the Carbon Footprint Report.

GHG Statement:

Scope 1	<ul style="list-style-type: none"> ▪ Total: 117 985 tCO₂e ▪ Stationary fuels: 109 416 tCO₂e ▪ Process gases: 2 905 tCO₂e ▪ Refrigerants: 537 tCO₂e ▪ Transportation fuels: 5 128 tCO₂e
Scope 2	<ul style="list-style-type: none"> ▪ Location based: 125 317 tCO₂e ▪ Market based: 145 134 tCO₂e





Scope 3	<ul style="list-style-type: none"> ▪ Total: 169 174 tCO₂e ▪ 3.1 Purchased goods & services: 73 760 tCO₂e ▪ 3.2 Capital goods: 14 690 tCO₂e ▪ 3.3 Fuel and energy related activities: 56 800 tCO₂e ▪ 3.4 Transportation and distribution: 2 261 tCO₂e ▪ 3.5 Waste generated in operations: 1 513 tCO₂e ▪ 3.6 Business travel: 5 205 tCO₂e ▪ 3.7 Employee commuting: 8 809 tCO₂e ▪ 3.8 Leased assets: 2 521 tCO₂e ▪ 3.9 Transportation and distribution: 2 261 tCO₂e ▪ 3.10 Processing of sold products: 988 tCO₂e ▪ 3.11 Use of sold products: 0 tCO₂e (not applicable to Bodycote) ▪ 3.12 End-of-life treatment of sold products: 369 tCO₂e ▪ 3.13 Leased assets: 0 tCO₂e (not applicable to Bodycote) ▪ 3.14 Franchises: 0 tCO₂e (not applicable to Bodycote) ▪ 3.15 Investments: 0 tCO₂e (not applicable to Bodycote)
Outside of Scopes	<ul style="list-style-type: none"> ▪ Refrigerant R22: 0 tCO₂e ▪ Refrigerant : R290 Propane 0.029 tCO₂e

FOR CDP:

Reporting Period: 01/01/2024 – 31/12/2024			
Proportion of Reported Emissions Verified:			
Scope 1 – 100%	Scope 2 – 100%	Scope 3 – 100% Categories 1-10 & 12	
Additional climate-related information verified:			
Year-on-year change in emissions	Scope 1, Scope 2, Scope 1 and 2		
Municipal water consumption	842 516 m ³		
		Proportional %	% of Scope 1 & 2
Electricity consumption	465 139 675 kWh	46.7%	55.2%
Natural gas consumption	530 492 950 kWh	53.3%	40.8%
Total	995 632 625 kWh	100%	96.0%

Period covered by GHG emissions verification:

- ◆ 1 January 2024 to 31 December 2024

Criteria against which verification conducted:

- ◆ World Resources Institute (WRI)/World Business Council for Sustainable Development (WBCSD)
Greenhouse Gas (GHG) Protocol: A Corporate Accounting and Reporting Standard, 2004 – revised edition.





Reference Standard:

- ◆ ISO 14064-3 Second Edition 2019-04: Greenhouse gases - Part 3: Specification with guidance for the verification and validation of greenhouse gas statements.

Level of Assurance and Materiality:

- ◆ Limited level of assurance
- ◆ A materiality threshold of 5% per emission source was applied.

GHG Verification Process:

Evidence-gathering procedures included, but not limited to:

- ◆ Initial review of documentary evidence produced by Bodycote, including reporting boundaries of the GHG statement (legal, operational and physical boundaries) and physical infrastructure and activities.
- ◆ Risk assessment based on a high-level overview of the initial 2024 GHG data and historical GHG reporting.
- ◆ Analytical procedures to assess completeness and accuracy of the GHG data and energy consumption, including year-on-year variance checks, recalculation, and tracing of primary data to GHG information.
- ◆ Through inquiry, request Bodycote to clarify anomalies and deviations, and to provide supporting evidence as required.
- ◆ Evaluate the appropriateness and application of the estimation methodologies, emission factors, assumptions and calculations used for conversion of activity data to CO₂e emissions.
- ◆ Communicate with Bodycote regarding the verification findings.

Verification Opinion – Unmodified:

Based on the verification process and procedures conducted, there is no evidence that the GHG emissions statement shown above:

- ◆ is not materially correct and is not a fair representation of the GHG emissions data and information; and
- ◆ has not been prepared in accordance with the WRI/WBCSD GHG Protocol Corporate Accounting and Reporting Standard.





Statement of independence, impartiality, and competence:

Carbon Calculated is an independent carbon consultancy, offering a diverse range of services relating to carbon management and strategy according to international best practice with over 15 years history in providing a diverse range of services to compliment the ever-evolving carbon landscape.

No member of the verification team has a business relationship with Bodycote, its directors, or managers beyond that required of this assignment. We conducted this verification independently and to our knowledge there has been no conflict of interest.

The verification team has more than 10 years' experience in leading corporate GHG verification projects, and therefore has the competence and proficiency required to lead verification engagements.

An independent review of the verification team competency, verification planning, execution and conclusions reached to support the final verification opinion was completed.

Karen van der Wath
Lead Verifier
Carbon Calculated

Cate Steenkamp
Independent Reviewer
Carbon Calculated

Nici Palmer
Founding Member
Carbon Calculated

20 May 2025

