

# Carbon Reduction Plan

Supplier name: Thermatic Ltd

Publication date: July 2024

## Commitment to achieving Net Zero

Thermatic Ltd committed to achieving Net Zero emissions by 2050.

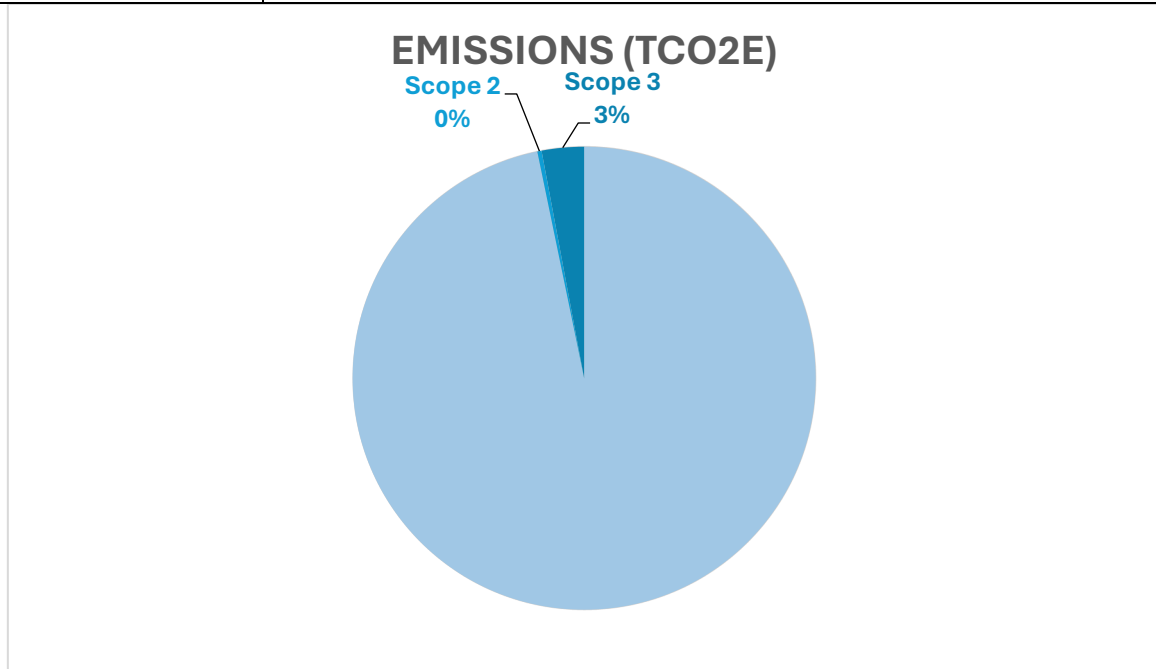
## Baseline Emissions Footprint

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.

<b>Baseline Year: 2023</b>	
<b>Additional Details relating to the Baseline Emissions calculations.</b>	
<p>Prior to 2023 there had been no systematic capture of energy usage for either Scope 1 or Scope 3 emissions calculations. As such, 2023 has been selected as the baseline year to measure planned reduction against even though some carbon reduction strategies were already undergoing implementation.</p> <p>Thermatic Ltd operates most frequently on other companies' property or private estates, the baseline figures include the four (4) offices in Salford, along with the fleet of mobile engineers across the UK.</p>	
<b>Baseline year emissions: 2023</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	<b>4859</b>
<b>Scope 2</b>	<b>14.91</b>
<b>Scope 3</b>	<i>Hotel Stays - 5.31</i> <i>Homeworking - 9.82</i> <i>Staff (office) Commuting – 132.78</i> <i>Waste – 0.80</i>
<b>Total Emissions</b>	<b>5022.60</b>

## Current Emissions Reporting

<b>Reporting Year: 2023 (01/01/23 – 31/12/23)</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	<b>4859</b>
<b>Scope 2</b>	<b>14.91</b>
<b>Scope 3</b>	<i>Hotel Stays - 5.31</i> <i>Homeworking - 9.82</i> <i>Staff (office) Commuting - 132.78</i> <i>Waste - 0.8</i>  Thermatic Ltd's operational model is one of service delivery as a primary focus, therefore transport and delivery of goods and products is not relevant to include within our scope 3 calculations.
<b>Total Emissions</b>	<b>5022.60</b>



## Emissions reduction targets

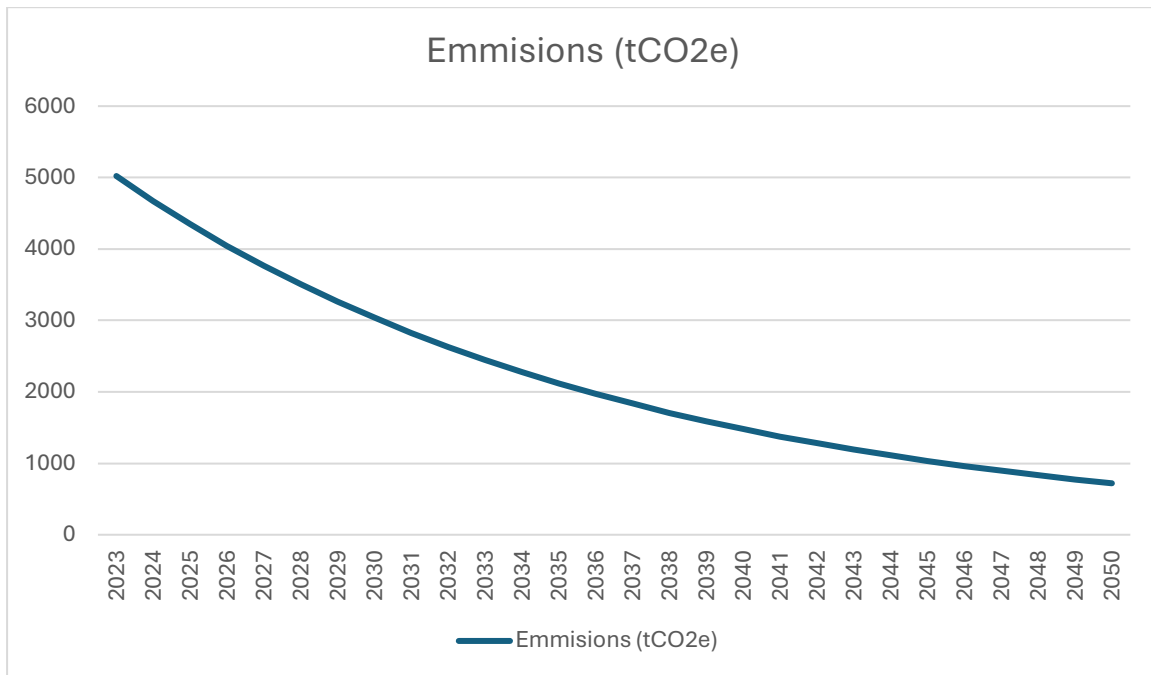
Thermatic Ltd is committed to achieving Net Zero by 2050. The below reduction targets address our measured emissions categories. We are aware that to achieve true Net Zero

through absolute reduction in emissions, as defined by the Science Based Targets initiative (SBTi), we must achieve 90% reductions across our whole operational baseline once measured.

The Science Based Targets initiative's 1.5°C reduction pathway of 4.2% per year will not yield aggressive enough results to allow for the proposed 90% reductions by 2050. As such, Thermatic Ltd will be pursuing a 6.94% annual reduction in emissions.

We project that carbon emissions will reduce over the next 5 years to 3335.36 tCO<sub>2e</sub>, an overall reduction of 33.57% by 2028.

Projected progress against these reduction targets can be seen in the graph below:



## Carbon Reduction Projects

### Completed Carbon Reduction Initiatives

Thermatic has implemented comprehensive plans to reduce our environmental impact across several key areas: carbon emissions, waste management, water usage, and energy consumption. Due to the nature of our services and our interactions with clients, Thermatic not only makes responsible internal choices to support sustainability and achieve net-zero goals but also influences our clients' maintenance and procurement decisions, especially concerning water and energy-intensive assets.

The following environmental management measures and projects have been completed or implemented since the 2023 baseline. The carbon emission reduction achieved by these measures will be monitored on the next review of this document in 2025.

Scope 1 reduction measures	
<b>Transition to Low-Emission Vehicles:</b> We are gradually replacing our fleet with electric and hybrid vehicles.	<i>Ongoing, with full fleet change over predicted for 2030</i>
<b>Optimised Routing:</b> Using advanced routing software to minimise travel distance and fuel consumption	<i>Implemented, full optimisation expected by 2025</i>
<b>Remote Monitoring:</b> Utilising IoT and smart technology to monitor and manage facilities remotely, reducing the need for onsite visits.	<i>Ongoing with further development and implementation planned over the next 3 years.</i>

Scope 2 reduction measures	
<b>Water-Efficient Assets and Fixtures:</b> Installing and maintaining high efficiency hot water and heating systems, low flow taps, toilets, and other water-efficient fixtures in the buildings we occupy as business and maintain for our clients.	<i>Ongoing</i>
<b>Water Recycling:</b> Implementing systems to recycle water where possible, such as greywater and rainwater harvesting systems.	<i>Ongoing</i>
<b>Energy Audits:</b> Performing energy audits and conducting energy monitoring to identify inefficiencies and areas for improvement for our own buildings and those we maintain.	<i>Ongoing with further development and implementation planned over the next 3 years.</i>
<b>LED Lighting:</b> Replacing traditional lighting with energy-efficient LED bulbs in our buildings and the buildings we maintain.	<i>Completed 2023-2024</i>
<b>Renewable Energy Sources:</b> Investing in renewable energy sources, such as solar panels and ASHP for our own facilities and those we maintain.	<i>Ongoing, with installation on our own estate planned for 2025/26</i>

Scope 3 reduction measures	
<b>Recycling Programs:</b> Implementing robust recycling programs for materials such as paper, plastics, and electronics in all our operations.	<i>Ongoing, with further initiatives planned for 2024/25</i>

<b>Waste Audits:</b> Conducting regular waste audits to identify areas for improvement and track progress.	<i>Ongoing</i>
<b>Supplier Partnerships:</b> Working with suppliers who use sustainable packaging, practices and promote or employ technological advances that minimise environmental impacts.	<i>Ongoing, with the recent implementation of a Head of Supply Chain expected to yield greater results in future.</i>

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

- Achieve ISO 14001:2015 certification to formalise our environmental management systems and demonstrate our commitment to sustainability.
- Encourage the use of mass transit networks by providing incentives for employees to use public transport for commuting.
- Implement telemetric systems to monitor commuter driving habits.
- Provide eco driving training for our fleet and regular drivers for business.
- Aim for a zero waste to landfill goal by improving recycling and composting programs and finding sustainable alternatives for waste that cannot be recycled.

## 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<sup>1</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>2</sup>.

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<sup>3</sup>.

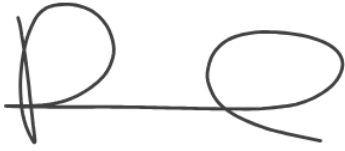
This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

<sup>1</sup><https://ghgprotocol.org/corporate-standard>

<sup>2</sup><https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

<sup>3</sup><https://ghgprotocol.org/standards/scope-3-standard>

Signed on behalf of the Supplier:



Rachael Crozier, Director of Health, Safety and Environment

Date: 01/07/2024

Signed on behalf of the Supplier:



Jack Prady, Chief Operating Officer

Date: 01/07/2024