

Carbon Reduction Plan

Supplier name: Taylor Construction Plant Limited

Publication date: 28th August 2024

Commitment to achieving Net Zero

Taylor Construction Plant Limited is committed to achieving Net Zero emissions by 2040

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.

Baseline Year: 2022/23	
Additional Details relating to the Baseline Emissions calculations.	
<p>In the baseline year 2022/23 the focus was to measure scopes 1 and 2 emissions and scopes 3 where data was readily available, for example transportation and maintenance activities associated with supplying construction plant for hire. It was recognised at the outset that the analysis will develop and that there may be a need to create a new baseline in future years.</p> <p>The baseline set out in 2022/23 was reviewed in 2023/24 and positive progress in line with targets could be demonstrated as having been achieved. This process is now annual and aligned to the end of the financial year for analysis purposes.</p>	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	4.27
Scope 2	34.65
Scope 3 (Included Sources)	601 Emissions arise from diesel transport and plant maintenance operations, lubricants and cleaning materials used, waste and air conditioning refrigerant leakage.

Total Emissions	640 Tonnes
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Current Emissions Reporting

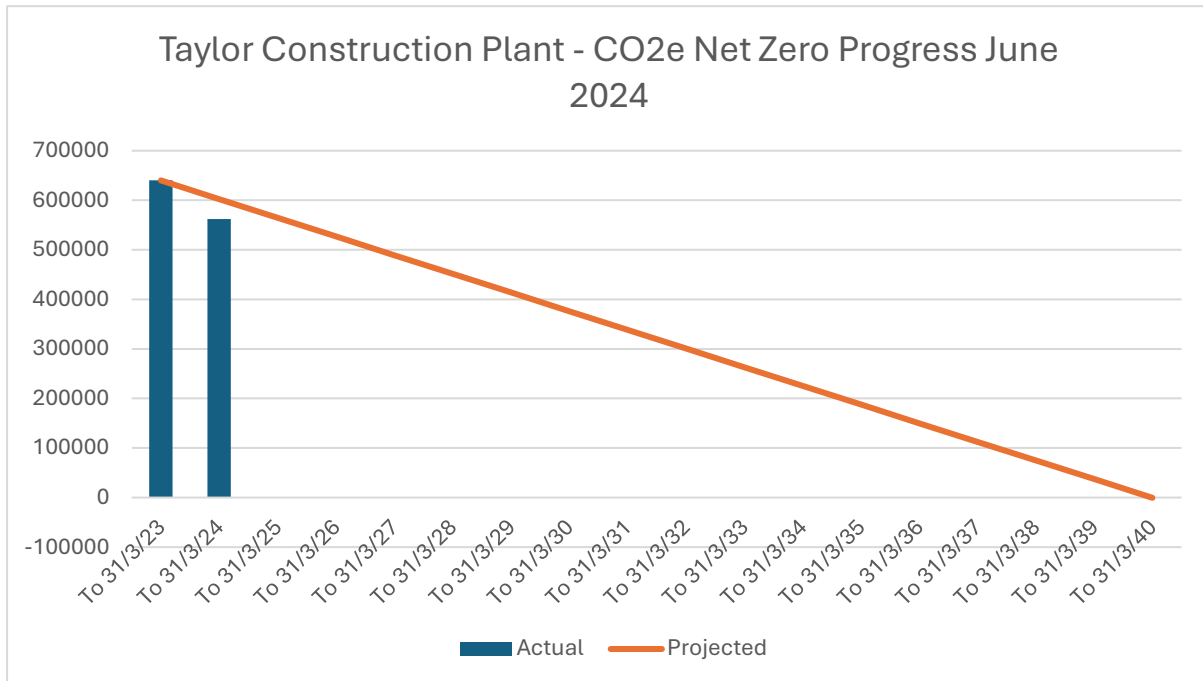
Reporting Year: 2023/24	
EMISSIONS	TOTAL (tCO _{2e})
Scope 1	18.33
Scope 2	27.83
Scope 3 (Included Sources)	516
Total Emissions	562

Emissions reduction targets

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 414 tCO_{2e} by 2028/29 This is a reduction of 35%

Progress against these targets can be seen in the graph below:



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2022/23 baseline. The carbon emission reduction achieved by these schemes equate to 78 tCO₂e, a 12%ge reduction against the 2022/23 baseline and the measures will be in effect when performing the contract

Environmental objectives are set annually as a requirement of our existing ISO 14001 certification. Taylor Construction Plant Limited which operates from its Head Office in Maldon, Essex and depots at Exeter, Coventry, Leeds and Falkirk. The bulk of emissions are scope 3 and arise from diesel transport and maintenance activities.

Taylor Construction Plant Limited recognised the need for the organisation to work towards net zero in line with customer requirements. External support has been engaged since November 2022 and the following activities have been undertaken:

- Energy Audits have been undertaken at Head Office and at all depots, identifying energy usage patterns and identifying energy savings opportunities.
- Installation of 120 KWp of solar PV at Head Office in October 2023.
- Installation of EV charging points at Head Office in 2023 and increased numbers of electric vehicles on the company fleet.

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

- Further Solar PV installations at Depots
- Ongoing improvements to building energy efficiency such as upgrading to LED lighting and PIRs and improving insulation where practicable.

- Ongoing work to reduce vehicle emissions, particularly the diesel fleet by practical measures such as driver monitoring software and improving journey planning. It is anticipated that vehicle technological developments will support the business in its journey towards net zero emissions.
- Continuing to increase our understanding of our scope 3 emissions, for example with employee commuting.

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 standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

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) Standard³.

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:

Andrew Barker
Managing Director
Taylor Construction Plant Ltd



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Date: ...28th August 2024.....

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>