

# Carbon Reduction Plan

Supplier name: Jerram Falkus Construction Ltd

Publication date: 1<sup>st</sup> July 2022.

## Commitment to achieving Net Zero

Jerram Falkus Construction Ltd is 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: 2019/20</b>	
<b>Additional Details relating to the Baseline Emissions calculations.</b>	
This is the first year for which Scope 1 and Scope 2 Emissions have been calculated.	
<b>Baseline year emissions:</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2e</sub>)</b>
<b>Scope 1</b>	<b>140</b>
<b>Scope 2</b>	<b>155</b>
<b>Scope 3 (Included Sources)</b>	<b>Not calculated</b>
<b>Total Emissions</b>	<b>295</b>

## Current Emissions Reporting

Reporting Year: 2020/21	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	124
Scope 2	131
Scope 3 (Included Sources)	Not available
<b>Total Emissions</b>	<b>255</b>

Note: emissions are calculated annually in line with our calendar year which runs from 1<sup>st</sup> August to the 31<sup>st</sup> July. Hence the most data available is for 2020/21.

### 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 217 tCO<sub>2</sub>e by 2025/26. This is a reduction of 15%.

### Carbon Reduction Projects

#### Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2019/20 baseline. The carbon emission reduction achieved by these schemes equate to 40 tCO<sub>2</sub>e, a 14 % reduction against the 2019/20 baseline and the measures will be in effect when performing the contract

1. Maintained an ISO 50001 Energy Management System –
2. Installed Vaillant gas boiler to replace obsolete plant at Head Office.
3. Installed new LED lighting systems at Head Office.
4. Implemented SECR Reporting software to report on Scope 1 & 2 Emissions.
5. Purchased electricity generated from renewable sources on our biggest project – Ark Soane.

In the future we plan to implement further measures as detailed below:

1. Purchase all Head Office electrical supplies from renewable sources - 2023.
2. Replace diesel with HVO for site plant - 2024.
3. Start to measure and report Scope 3 emissions - 2024.
4. Purchase all temporary site electrical supplies from renewable sources - 2025.
5. Solar PV to be installed at Head Office - 2025
6. All company vehicles to be hybrid or 100% electric -2025
7. Head Office gas boiler to be de-commissioned and replaced by an electrical heat source - possibly an air source heat pump - 2027.
8. All site plant to be powered by electricity - 2032

## 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>4</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>5</sup>.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements.

At present the company does not have the capability to report on Scope 3 emissions, but this is included in our plans for 2024.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors.

### Signed on behalf of the Supplier:

.....William J Jerram, Joint Managing Director *Awaiting Board sign-off*

Date: 7<sup>st</sup> July 2022

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<sup>4</sup><https://ghgprotocol.org/corporate-standard>

<sup>5</sup><https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>