

Carbon Reduction Plan

Publication date: 14/03/2023

Commitment to achieving Net Zero

Aqua Fabrications Ltd T/A Aqua Signal and Telegraphic Systems and Aqua Geocomposites 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.

Baseline Year: 14/11/2021 – 13/11//22	
Additional Details relating to the Baseline Emissions calculations.	
Scope 1 emissions include goods vehicle distance of 263797 miles.	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	353
Scope 2	13.6
Scope 3 (Included Sources)	71.2
Total Emissions	437.8

Current Emissions Reporting

Reporting Year: 1 14/11/2022 – 13/11/2023	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	TBC
Scope 2	TBC
Scope 3 (Included Sources)	TBC
Total Emissions	TBC

Emissions reduction targets

We project that carbon emissions will decrease over the next five years to 359tCO₂e by 2027. This is a reduction of 18%

Carbon Reduction Projects

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

We believe recycling of materials will greatly reduce our carbon emissions. Currently we recycle all our HDPE, GRP and cardboard.

Aqua have introduced a policy of moving vehicles from petrol/diesel to hybrid and then fully electric, as of 14/11/2023 5 of 8 company cars have moved to hybrid.

Aqua will change heavy goods vehicles to more efficient units, Euro Cat 6 and beyond.

Aqua have encouraged staff to use alternative methods of commuting to work, these include cycling and car share – out of 52 employees 15 car share, whilst staff walk 3250 per annum and cycling 1161 miles.

Aqua are seeking an environmental consultant to advise on EPD's and further schemes to reduce carbon emissions.

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:

Stuart Smith

Date: 14/03/2023

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>