

# Qualifying Explanatory statement for Gripple Gripple UK and Ireland. **PAS2060:2014**



Prepared for: Gripple UK & Ireland

Prepared by: Amy Whichelow, Data Analyst, Planet Mark

Date: 25<sup>th</sup> May 2023

## Introduction

This document forms the Qualifying Explanatory statement (QES) for Gripple UK and Ireland which demonstrates the commitment and achievement of carbon neutrality in accordance with PAS2060:2014. Gripple UK and Ireland has committed to and achieved carbon neutrality under the guidelines of PAS2060:2014.

The information contained within is believed to be correct at the time of issue. The data and information have been subject to a limited verification through the achievement of the Planet Mark certification. The Planet Mark is a sustainability certification for organisations. The certification recognises continuous improvement, encourages action, and builds an empowered community of like-minded individuals. Should any information present itself that would affect the information within it will be updated accurately to reflect the current status of Gripple UK and Ireland QES.

### PAS2060 requirements

Entity making declaration	Gripple UK & Ireland
Description of the entity	Gripple UK & Ireland is a market-leading manufacturer of wire joiners and tensioners for agriculture, innovative suspension solutions for construction and various engineered solutions for civil, solar and other infrastructure applications.
Boundary of declaration	Old West Gunworks, Riverside, Norfolk Bridge, GLIDE House, Hawke Street, Hellaby, Don Road, Orgreave (Automation).
Rational for boundary selection	The boundary represents the majority of emissions associated with the operations of the company that they have direct control over
Emissions scope	Electricity, T&D Losses, Natural Gas, Propane, Water, Waste, Fleet, Business Travel, Paper.
Methodology and standards used	Greenhouse Gas (GHG) Protocol, BEIS Emission Factors 2022
Why has this methodology been chosen	The methodology employed shall minimise uncertainty and yield accurate, consistent and reproducible results
Certified by	Planet Mark, Independent third-party certification
Baseline date for PAS2060	01 January 2022 to 31 December 2022
Achievement period	01 January 2022 to 31 December 2022

## Declaration of Achievement

Gripple UK & Ireland has achieved carbon neutrality in line with the guidelines of PAS2060:2014.

Carbon neutrality of Gripple UK & Ireland achieved by Gripple UK & Ireland in accordance with PAS 2060 at 16 May 2023 with a commitment to maintaining to 01 January 2023 – 31 December 2023 for the period commencing 01 January 2022 – 31 December 2022, Planet Mark certified.

PAS2060 requirements	Response
Achievement period	01 January 2022 – 31 December 2022
Total carbon footprint (location-based)	1.839.7 tCO <sub>2</sub> e
Total carbon footprint (market-based)	2,090.3 tCO <sub>2</sub> e
Baseline	01 January 2022 – 31 December 2022
Which PAS2060 method	Independent third-party certification
Absolute or intensity reduction	First year, commitment to reduce
Carbon neutrality option	I3P-3 Independent third-party certification – unified
Location of GHG emissions report	Section A
Location of details describing internal reductions	First year, commitment to reduce
Location and details about the carbon offsets	Section C

Signed by a senior company representative.

*Samantha Ryall*

Name: Samantha Ryall

Date: 01/06/2023

## Declaration of Commitment

Gripple UK and Ireland has committed to carbon neutrality in line with the guidelines of PAS2060:2014.

Carbon neutrality of Gripple UK & Ireland achieved by Gripple UK & Ireland in accordance with PAS 2060 at 16 May 2023 with a commitment to maintaining to 01 January 2023 – 31 December 2023 for the period commencing 01 January 2022 – 31 December 2022, Planet Mark certified.

PAS2060 requirements	Response
Entity making declaration	Gripple UK & Ireland
Description of the entity	Gripple are a market-leading manufacturer of wire joiners and tensioners for agriculture, innovative suspension solutions for construction and various engineered solutions for civil, solar and other infrastructure applications.
Boundary of declaration	Old West Gunworks, Riverside, Norfolk Bridge, GLIDE House, Hawke Street, Hellaby, Don Road, Orgreave (Automation).
Rational for boundary selection	The boundary represents the majority of emissions associated with the operations of the company that they have direct control over
Baseline date for PAS2060	01 January 2022 – 31 December 2022
Achievement period	01 January 2022 – 31 December 2022
Commitment period	01 January 2023 – 31 December 2023

Signed by a senior company representative.

*Samantha Ryall*

Name: Samantha Ryall

Date: 01/06/2023

## Section A. Carbon Footprint

The information contained within Section A. relates to the carbon footprint of the entity and any information related to the methodology, assumptions and data quality.

The carbon footprint has been prepared in line with The GHG Protocol Corporate Accounting and Reporting Standard. Emissions have been calculated in line with this standard and the relevant emissions factors applied listed in the BEIS emissions factors for Electricity, T&D Losses, Natural Gas, Propane, Water, Waste, Fleet, Business Travel and Paper consumption. The carbon footprint is calculated and undergoes a limited verification process in line with the Planet Mark Certification Scheme Rules, Procedures and Management as part of the Planet Mark certification. Over 95% of the carbon emissions within this report have been accounted for within the defined scopes and boundary.

Emissions from electricity consumption at all sites have been calculated using consumption provided on invoices, the location-based method with grid average emissions factors from BEIS, and the market-based method using supplier-specific emissions factors. Electricity consumption at the Hawke Street site has been apportioned based on Gripple UK and Ireland occupying 11% of the factory space. Emissions associated with EVs and PHEVs charged on-site (percentages provided by Gripple Gripple UK and Ireland) are included within those associated with site electricity consumption.

Solar panels are installed at the Riverside and Norfolk Bridge sites. Riverside is FiT supported, with no evidence of REGOs, therefore, the average grid emissions factor was used for the location-based method and residual mix for the market-based calculation. It is assumed 50% of generation is exported. Norfolk Bridge is not FiT supported therefore there are zero emissions attributed to the location-based and market-based methods. It is assumed 50% of generation is exported.

Emissions associated with natural gas consumption at all sites have been calculated using consumption provided on invoices (with some extrapolation and interpolation to match the reporting period), multiplied by the relevant BEIS 2022 conversion factor. Natural gas consumption at the Hawke Street site has been apportioned based on Gripple UK and Ireland occupying 11% of the factory space.

Emissions associated with propane have been calculated based on consumption amounts provided in a supplier report, multiplied by the relevant BEIS 2022 conversion factor. Emissions associated with water supply and treatment have been calculated based on consumption taken from invoices where available, with some extrapolation and interpolation to match the reporting period. Where wastewater measurements are not included on invoices, wastewater is assumed to be 100% of the water supply. Don Road water consumption data is unavailable for the reporting period therefore has been estimated based on Norfolk Bridge consumption (due to its similarity in site size and headcount). Norfolk Bridge consumption has been divided by floorspace and multiplied by Don Road floorspace, as provided by Gripple Gripple UK and Ireland.



Hawke Street water consumption has been estimated for the year based on the only available consumption data, covering the period 05 January 2022 – 31 January 2022. Consumption has been apportioned accordingly, based on Gripple UK and Ireland occupying 11% of the factory space.

Fleet emissions have been calculated using the total km travelled during the reporting period multiplied by the relevant BEIS 2022 conversion factors. Emissions associated with private vehicles used for business have been calculated based on litres of fuel purchased, as per details provided in Gripple UK and Ireland expense claims report. Where fuel type has not been recorded in the expense description, petrol has been assumed to remain consistent with the other fuel expense claims for which the fuel type is details.

Total kilometres travelled by air for business has been calculated based on journey data provided in a supplier report and expense report. In regard to the expense report data, it was not possible to determine the expense type of 194 entries therefore an average flight distance has been applied to these journeys. Where flight 'to' and 'from' locations were available in the expense report, the distance was calculated using the TPM Air distance calculator. Emissions associated with air travel have been calculated based on the total km travelled, multiplied by the relevant BEIS 2022 emissions factor. Total kilometres travelled by rail for business has been calculated based on journey data provided in a supplier report and expenses report. It was not possible to determine the expense type of 194 entries and it has been assumed these were for rail travel. Where 'to' and 'from' locations were not available, distance was estimated based on cost. Emissions associated with rail travel have been calculated based on the total km travelled, multiplied by the relevant BEIS 2022 emissions factor.

Total kilometres travelled by taxi for business have been estimated based on journey costs (as per details provided in Gripple UK and Ireland expenses report). For entries in the expense report for which expense type data was unavailable, it was assumed that spends between £10 and £19 were for taxi journeys. Emissions associated with taxi travel have been calculated based on the total estimated km travelled, multiplied by the relevant BEIS 2022 emissions factor. Emissions associated with hotel stays in the reporting period have been calculated based on number of stays provided in Gripple UK and Ireland expenses report. Where no. of nights stayed is unknown, this number has been estimated based on cost.

Emissions for waste have been calculated using the weights multiplied by the BEIS 2022 conversions factors. Where actual weight is not available it has been estimated using Environment Agency factors based on bin size. Emissions from the purchase of paper have been calculated using the total weight of all paper purchased multiplied by the BEIS 2022 conversions factors.

The Scope 3 emissions included within this footprint are those of which Gripple UK and Ireland can accurately report and influence. All Scope 3 emissions where possible have been included in this assessment however where emissions are not measured the data is not available and not financially viable to materially obtain. These emissions are not included within this report but Gripple Gripple UK and Ireland. will continue to review and include further scope 3 emissions where possible.

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01 January 2022 to 31 December 2022

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Source	Scope	Unit	Amount	tCO <sub>2</sub> e	% total carbon footprint
<b>Buildings</b>					
Electricity (location based)	2	kWh	5,545,600.50	1,061.00	57.67%
Electricity (market based)	2	kWh	5,545,600.50	1,311.60	-
Natural Gas	1	kWh	1,631,941.60	297.90	16.19%
Propane	1	tonnes	0.11	0.33	0.02%
Transmission and Distribution Losses	3	kWh	5,458,500.50	96.60	5.25%
<b>Procurement</b>					
Paper Primary Content	3	tonnes	4.20	3.90	0.21%
Paper Recycled Content	3	tonnes	0.0004	0.00	0.00%
<b>Travel</b>					
Fleet Hybrid Car	1	km	26,326.50	3.20	0.17%
Fleet Van	1	km	22,560.80	5.20	0.28%
Fleet Petrol Car	1	km	81,338.80	13.90	0.76%
Fleet Diesel Car	1	km	312,956.10	53.40	2.90%
Fleet PHEV	1	km	426,555.60	29.20	1.59%
Fleet Electric Car	2	km	141,122.50	6.40	0.35%
Fleet PHEV	2	km	349,979.00	8.00	0.43%
Petrol Fuel	3	litres	167.60	0.40	0.02%
Hotel	3	Room p. night	907.00	9.50	0.52%
Fleet PHEV	3	km	322,461.80	0.70	0.04%
Air Travel	3	passenger.km	2,327,735.00	230.80	12.54%
Average Car	3	km	6,732.70	1.10	0.06%
Fleet Electric Car	3	km	141,122.50	0.70	0.04%
Fleet PHEV	3	km	27,517.20	0.10	0.01%
Hotel	3	room per night	29.00	0.30	0.02%
Coach	3	passenger.km	287.90	0.01	0.00%
Bus	3	passenger.km	381.50	0.04	0.00%
Rail Travel	3	passenger.km	90,517.60	3.10	0.17%
Taxi	3	km	6,770.80	1.40	0.08%
<b>Waste</b>					
Recycled	3	tonnes	477.90	10.10	0.55%
<b>Water</b>					
Water Supply	3	cubic metres	6,251.90	0.93	0.05%
Water Treatment	3	cubic metres	6,062.40	1.70	0.09%
<b>Location-based Total</b>		<b>tCO<sub>2</sub>e</b>	<b>1,839.70</b>		
<b>No. employees</b>		<b>Number</b>	<b>532</b>		
<b>Total per employee</b>		<b>tCO<sub>2</sub>e</b>	<b>3.46</b>		
<b>Market-based Total</b>		<b>tCO<sub>2</sub>e</b>	<b>2,090.30</b>		
<b>No. employees</b>		<b>Number</b>	<b>532</b>		
<b>Total per employee</b>		<b>tCO<sub>2</sub>e</b>	<b>3.92</b>		

## Section B. Carbon management plan

This is the first year Gripple UK & Ireland has achieved carbon neutrality and a commitment has been made to reduce emissions from the baseline period stated within this report. In line with the Planet Mark, Gripple UK and Ireland has committed to reducing its footprint by 5% in the period 01 January 2022 - 31 December 2022., which equates to 91.9 CO<sub>2</sub>e (location-based).

Focus Area	SMART Target	How?	Measure(s)	Responsible	Target Date
Scope 1 Gas	Reduce consumption by 17% returning to pre-2021 levels within 2023 reporting period at Gripple Hellaby.	Improved monitoring and reporting to increase site awareness. Staff training and appointing a heating champion for production sites.	Quarterly consumption KPIs Emissions dashboard Gas bills	Sustainability Champion(s) Site Management Sustainability Manager	Dec 2023
Scope 1 Facilities Heating	Facilities team to conduct a full heating analysis on all properties in the Gripple UK and Ireland portfolio and develop short- and long-term improvement plans within 2023	Assign project team to conduct initial analysis. Board level support for the project.	Improved buildings and work environment.	Sustainability Manager Facilities Manager	2024
Scope 1 Fleet	Decarbonise fleet by 2025.	Increase the % of Electric vehicles within the fleet by 10% by the end of 2023. Remove a further 5 ICE vehicles from the fleet by the end of 2023. All pool cars to be PHEV or BEV by the end of 2023. Fleet to be 75% BEV and 25% PHEV by 2025. (Zero ICE Vehicles)	Fleet emissions: Planet mark reports.	Finance Manager Fleet Manager Sustainability Manager	2025
Scope 2 Electricity	Reduce grid drawn electricity by 15% annually before 2025.	Reduce grid drawn electricity by 5% in 2023. Increase on-site solar generation capability by x% in 2023	Quarterly consumption KPIs Emissions dashboard Electricity Bills	Sustainability Champion(s) Site Management Sustainability Manager	2025
Scope 3 Business Travel	Develop an achievable reduction target for business travel each year from 2024 onwards.	Implementation of a robust travel policy. Improved data capture and reporting.	Business travel emissions: Planet mark reports.	Finance Team Sustainability Manager Senior Leaders	2024



## Section C. Carbon offsetting strategy

The following information refers to the GHG emissions that have been offset for the reporting period. Gripple UK & Ireland has offset 2,091 tCO<sub>2</sub>e through Ecologi & Carben Fenix, which is more than its market-based footprint of 2,090.3 tCO<sub>2</sub>e, and this has been independently verified by Planet Mark as meeting the criteria for PAS2060.

PAS2060 requirements	Response
Number of carbon credits used:	2,091
Project standard (verified by):	Verra, Gold Standard
Type of carbon credits used:	<a href="#">Changshatou Small Scale Hydro, Langping   Fenix Carbon</a> <a href="#">Wind farms Santa Clara I, II, III, IV, V, VI and Eurus VI   Fenix Carbon</a> <a href="#">80 MW SOLAR BY FERMI SOLAR FARMS PVT LTD - CHALISGAON   Fenix Carbon</a> <a href="#">Small scale wind project in Sri Lanka   Ecologi</a>
Time period for carbon credits:	<a href="#">Changshatou Small Scale Hydro, Langping   Fenix Carbon</a> <a href="#">Wind farms Santa Clara I, II, III, IV, V, VI and Eurus VI   Fenix Carbon</a> <a href="#">80 MW SOLAR BY FERMI SOLAR FARMS PVT LTD - CHALISGAON   Fenix Carbon</a> <a href="#">Small scale wind project in Sri Lanka   Ecologi</a>
Date carbon credits retired:	<a href="https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&amp;h=175052">https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&amp;h=175052</a> <a href="https://cdm.unfccc.int/Projects/DB/DNV-CUK1323673826.62">https://cdm.unfccc.int/Projects/DB/DNV-CUK1323673826.62</a> <a href="https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&amp;h=188438">https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&amp;h=188438</a> <a href="https://registry.goldstandard.org/projects/details/739">https://registry.goldstandard.org/projects/details/739</a>
Carbon credit registry:	<a href="https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&amp;h=175052">https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&amp;h=175052</a> <a href="https://cdm.unfccc.int/Projects/DB/DNV-CUK1323673826.62">https://cdm.unfccc.int/Projects/DB/DNV-CUK1323673826.62</a> <a href="https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&amp;h=188438">https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&amp;h=188438</a> <a href="https://registry.goldstandard.org/projects/details/739">https://registry.goldstandard.org/projects/details/739</a>

**Ecologi**  
CARBON CREDIT CERTIFICATE  
Carbon offsets retired on behalf of

**Gripple UK & Ireland**

Total CO<sub>2</sub>e avoided  
16.05.23  
**1091 tonnes**

Thank you for your support in funding some of the world's best climate crisis solutions. You're making important steps to help protect our planet.

  
Elliot Coad, CEO  
*Elliot Coad*  
May 16 2023 | ID: 1085b21

 Gold Standard  
for the Global Goals

 Verified Carbon  
Standard  
A VERBA STANDARD

 Climate, Community  
& Biodiversity Standards



**Carbon Credit Certificate**  
**1000 credits**

have been purchased for retirement for the following:

**Changshatou Small Scale Hydro, Langping** (350 credits)  
**Wind farms Santa Clara I, II, III, IV, V, VI and Eurus VI** (400 credits)  
**80 MW SOLAR BY FERMI SOLAR FARMS PVT LTD - CHALISGAON** (250 credits)

- ON BEHALF OF -

**Gripple Ltd**  
3 Feb 2023

  
Thomas Herry  
CEO Fenix Carbon

# Empowering change for a *BRIGHTER* future

