

Summary Energy and Greenhouse Gas Report

Werfen has appointed Carbon Footprint Ltd, a leading carbon and energy management company, to independently assess its Greenhouse Gas (GHG) emissions in accordance with the UK Government's 'Environmental Reporting Guidelines: Including Streamlined Energy and Carbon Reporting Guidance'.



The GHG emissions have been assessed following the ISO 14064-1:2018 standard and has used the 2020 emission conversion factors published by Department for Environment, Food and Rural Affairs (Defra) and the Department for Business, Energy & Industrial Strategy (BEIS). The assessment follows the GHG protocol approach for assessing Scope 2 emissions from electricity usage. The financial control approach has been used.

The table below summarises the GHG emissions for reporting year: **1st January 2020 to 31st December 2020**.

Scope	Activity	Tonnes CO ₂ e
Scope 1	Company car travel	218.61
	Site gas	4.52
Scope 1 Sub Total		223.14
Scope 2	Electricity generation	39.88
Scope 2 Sub Total		39.88
Scope 3	Electricity transmission & distribution	3.43
Scope 3 Sub Total		3.43
Total location-based tonnes of CO₂e		266.45
Location-based Tonnes of CO₂e per employee		3.10
Location-based Tonnes of CO₂e per £M turnover		5.13
Total Energy Consumption (kWh)*		1,124,430

* Total Energy Consumption includes UK Electricity, UK Site Gas & Company Owned Vehicles.

During the reporting period no specific reduction measures were implemented. However, the company did initiate multiple projects related to energy efficiency during 2020. Mid 2020 Werfen were successful in application for a BEEP (British Energy Efficiency Programme) grant for the introduction of Solar Energy generation and conversion of any current non-LED lighting at the company office location; this work has since been tendered and completed Q1 2021. In late 2020, the company established an objective of GHG emission reductions from Company Fleet Vehicles; in line with this, incentives have been introduced to increase the uptake of Plug In Hybrid vehicles and target the introduction of Electric Vehicles during 2021. Allied with the above goal, a project to develop EV charging infrastructure has also been initiated. During 2020, Werfen also introduced a 'sustainability report' at the global organisation level and are participants of the United Nations Global Compact.

As a business we have been assessing our carbon emissions since 2019, and have provided this baseline year and last year's assessment results for comparison. Werfen have been operating on a 99.15% renewable tariff for the entire 2020 period, with the consequent market-based emissions

reported below. The reduction observed between 2019 and 2020 reporting is considered to be a factor of temporary changes in working practices due to the COVID-19 pandemic.

Activity	Previous Year 2019	Current Year 2020
Total energy consumed (kWh)*	1,665,402	1,124,430
Total Gross Location-Based Emissions (tCO ₂ e)	403.14	266.45
Total Gross Market -Based Emissions (tCO ₂ e)	-	223.45
Intensity ratio: tCO₂e (SECR Mandatory elements only, location-based) per £M revenue	10.35	5.13

*Includes gas consumption, electricity & company fuel consumption.