

Summary of CEMARS® certification:



GPS PE Pipe Systems



Glynwed Pipe Systems Limited (trading as GPS PE Pipe systems) meets the requirements of CEMARS® certification having measured its greenhouse gas emissions in accordance with ISO 14064-1:2006 and committed to managing and reducing its emissions in respect of the operational activities of its Huntingdon Site.



Introduction¹ – GPS PE Pipe Systems is a member of the international Aliaxis Group of Companies who manufacture and sell pipe systems and related products for residential and commercial construction, industrial and public utilities. We specialise in the research, development and manufacture of polyethylene, polypropylene, ABS and multi-layer pipe systems including fittings for gas and water transportation in the utilities and industrial markets.

GPS PE Pipe Systems is committed to incorporating more sustainable approaches into its business activities. GPS has been approved to the Environmental Management Standard ISO 14001 since 1996.

Boundary – Figure 1 below shows the organisational structure used for describing the organisation’s operational greenhouse gas (GHG) emissions, and what business units were included in the inventory in the context of the entire organisational profile. The parts of the structure (business units) in **GREEN** have been identified as being within this emissions inventory. Business units excluded from the inventory are shown in **YELLOW**.

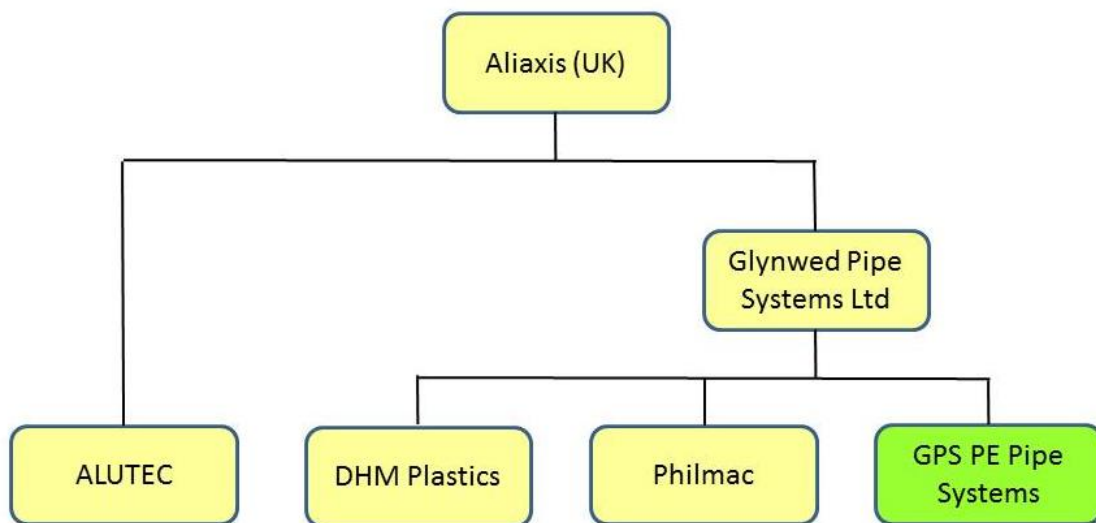


Figure 1: Organisational structure showing business units included and excluded.

Consolidation approach – The operational control consolidation approach has been used to account for operational emissions with reference to the methodology described in the GHG Protocol and ISO 14064-1:2006 standards.

¹ **Disclaimer:** This Disclosure Statement is a summary of the verified information considered for certification and the certification decision. It should not be taken to represent the full submission for certification. Whilst every effort has been made to ensure that the information in this Disclosure Statement is accurate and complete, Enviro-Mark Solutions Limited does not, to the maximum extent permitted by law, give any warranty or guarantee relating to the accuracy or reliability of the information.

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Base year – 01/01/2008 to 31/12/2008

Measurement period – 01/01/2016 to 31/12/2016

Emissions source inclusions – The operational GHG emissions for the organisation by emissions source are shown in Figure 2 below.

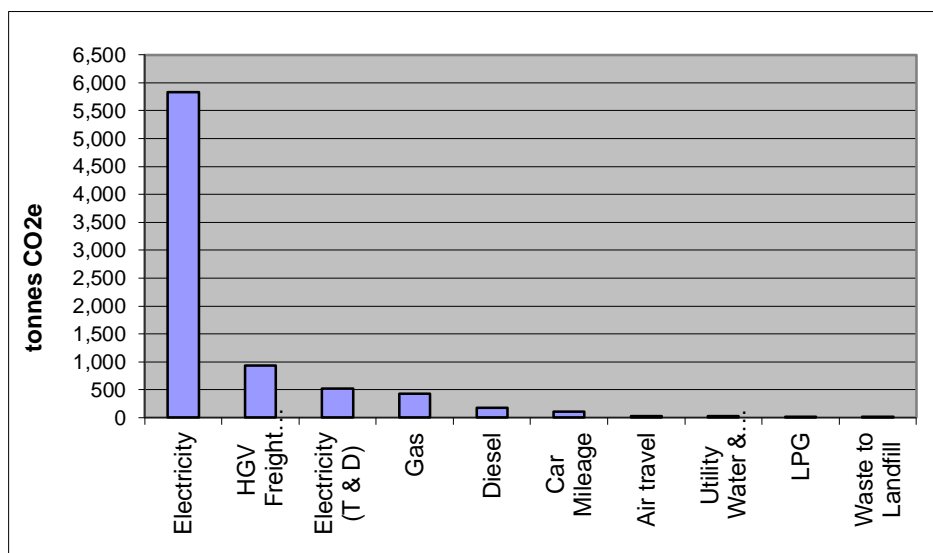


Figure 2: GHG emissions by emissions source.

Emissions as tonnes of carbon dioxide equivalents (tCO₂e) for this period were:

Scope 1:	728.62	tCO ₂ e
Scope 2:	5,828.01	tCO ₂ e
Scope 3:	1,524.42	tCO ₂ e
Total:	8,081.05	tCO₂e

Emissions intensity –

- **170.79** tCO₂e / £M Turnover
- **0.37** tCO₂e / Tonne Product

Emissions source exclusions – The following emissions sources were excluded from the inventory for this measurement period:

- Office Air Conditioning
- Business travel by ferry

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Emissions reduction commitments – GPS PE Pipe Systems has developed emissions reduction targets and a GHG emissions reduction plan. The organisation aims to reduce its absolute Scope 1 and Scope 2 (combined) emissions as follows:

- Five-year target: 8% against the base year by 2016
- Long-term target: 12% against the base year by 2020.

GPS PE Pipe Systems also aims to reduce emissions intensity:

- Five-year target: 5% against the base year by 2016
- Long-term target: 8% against the base year by 2020.

The key reduction projects from our Emissions Management and Reduction Plan are:

- The on-going replacement of extruders with more energy efficient models
- The implementation of energy efficient lighting and PIR sensors throughout the manufacturing plant
- Improved monitoring of our energy usage
- The involvement of our employees in energy saving activities

Emissions reductions summary against last year's plan – Total GHG emissions for the organisation were 8,801.05 tonnes of CO₂e for this measurement period (01/01/16 – 31/12/16). This is a reduction of 734.64 tonnes of CO₂e against the previous year's emissions and an overall decrease of 2,276.79 tonnes CO₂e against the 2008 baseline value.

Verified by – Achilles Assessment Services

Data quality score – High

Threshold of materiality – Excluded emissions do not exceed 5% of the total footprint for organisation stated.

Level of assurance – Reasonable

Certification status – CEMARS certified organisation

Certificate number – 2017062J

Valid until – 19 June 2018

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