

Company Profile

Who are we?

Melin Consultants has been providing energy modeling calculations for local authorities, architects, builders & developers over a number of years.

All our technicians have a wealth of experience in dealing with individual requirements and as a company we have a motto of "10% calculation 90% solution" which we believe gives a clear indication to our clients as to where our technical capabilities lay.

As a building consultancy specialising in Part L of the Building Regulations and environmental assessing of new buildings our technicians are qualified and accredited to issue certification in all the following fields BREEAM, Code for Sustainable Homes, EPC, SBEM, SAP, air-tightness testing. We also offer a host of additional services to support our core activities. These include sunlight, daylight and solar gain indicators to enable designers get a more rounded understanding of the impact a new buildings may have on the occupants; thermal modeling and assessment; thermographic surveying; and LZC feasibility studies.

All technical employees have a wealth of experience and a background in construction. We build close relationships with client design teams to give other specialist disciplines guidance on our expert field of low carbon solutions. Both the commercial and residential sectors are covered and technicians approach design problems from a commercial perspective without compromising the underlying motive of reducing buildings carbon emissions through sustainable design.

We are driven by a passion for first-class service and despite recent growth of the company it still remains loyal to the core values it had from the early days. Those being **COMMITMENT, SERVICE** and **SOLUTIONS**.

Clients

At Melin we deal with a large number of construction professionals, nearly always on a recommendation basis. Architects and engineers feature as regular clients but we also have very close links with LABC member authorities and Approved Inspectors throughout South Wales and the West of England area, being formally recognized as Part L services providers. We also often work directly with developers and contractors exploring a range of solutions, and are competent in providing sensible and acceptable design input at all stages of development.

Accreditation

Building assessment methodology whatever the size of project generally falls outside of the scope of the more mainstream building professionals in the way individuals are accredited or qualified. At

Melin however we are proud to have members of the Chartered Institute of Building Service Engineers Low Carbon Consultants scheme which is recognized as the leading body of competent energy consultants.

'Members of the Low Carbon Consultants Register are a body of professionals competent to minimize energy use and carbon emissions from buildings both in design and operation. They are able to go beyond the current legal minimal in improving the energy performance of both new and existing buildings.

Clients can be sure that buildings designed and operated by Low Carbon Consultants will meet the requirements of Part L (Conservation of Fuel and Power) and Building Control Officers can be assured that compliance is being signed off by suitably qualified professionals. Members of the Register have undertaken examinations to demonstrate their competence.' Source: CIBSE

We also have individuals accredited in the following areas:

SAP – EES accredited to generate calculations for compliance to Part L1a.

SBEM – BRE accredited to generate calculations for compliance to Part L2a.

Air-tightness testing – BINDT (British Institute of Non-Destructive Testing) accredited engineers to perform building air permeability testing for Part L.

BREEAM – BRE accredited for building assessment under scope of various schemes.

EPC – Energy Performance Certificates. Accredited for building certification to level 4.

Code for Sustainable Homes – BRE accredited for building assessment.

Registration details:

BREEAM & CFHS - Encon Melin Partnership EMP-GM19

Simulation Modelling and Commercial EPC – CIBSE Low Carbon Consultants LCC125299 & LCC91308

Air testing – BINDT registration numbers 0057 & 0111

SAP & residential EPC – Elmhurst company registration 5138, EES/004825

Assurance

Professional Indemnity cover is at £2,000,000 covering the requirements of our accreditation bodies.



Director, January 2010



Melin Energy Consultants

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