

Using PHPP in a Building Certification Process

York | 28-29 May 2009

Gain a competitive edge in carbon-literate building design - learn how to use the PassivHaus Planning Package (PHPP) to build genuinely low carbon building to AECB standards

“The CarbonLite training courses will enable you to put the principles of low energy building design into practice – a valuable tool for meeting future building regulations and winning new business.”

This practical hands-on course will provide energy consultants, technical building designers and architects with the skills necessary to design low energy and CO₂ buildings to AECB standards using the PassivHaus Planning Package (PHPP).

A practical assessment exercise of a complex dwelling using pre-collated data at the end of Day 2 allows delegates to take a first step towards becoming an assessor for the CarbonLite standards.

PLEASE NOTE: The course assumes knowledge of excel and of energy in buildings. Delegates will need bring a laptop with a copy of the PHPP software (available from www.aecb.net).

The following aspects will be addressed:

- Reliable design of PassivHaus buildings
- Accurate calculation of thermal characteristics of buildings
- Criteria for certification [as defined by AECB]
- Documentation required for the PassivHaus Quality Approval Certificate

By the end of the course the delegates will be able to:

- Establish accurate thermal characteristics of building fabric
- Improve a building design to meet the AECB standards
- Know how to use PHPP to certify the compliance of designs or completed buildings with the AECB standards
- Understand the procedure for assessment, accreditation and energy measurement
- Take a first step towards becoming an assessor of AECB standards

Reserve your place today – limited availability

COST FOR TWO DAY COURSE AND END-OF-COURSE ASSESSMENT

AECB Members: £499 + VAT @ 15% | Non-Members: £599 + VAT @ 15%

Includes lunch and mid-session refreshments. Attendees will be responsible for their own overnight accommodation.

JOIN THE AECB TODAY TO SAVE £100 ON THIS TRAINING COURSE



Using PHPP in a Building Certification Process is organised by AECB - the sustainable building association as part of its Carbonlite Professional Development Programme.



ENQUIRIES

CarbonLite Professional Development Programme

Tel: 0845 4569773
Email: sally@aecb.net

COURSE OUTLINE

Thursday 28 May 2009

10.00 - 17.30

Certification to the PH standard

Documentation required for the PassivHaus Quality Approval Certificate
Procedure for certification and quality approval
Becoming a PH (and AECB) assessor

Introduction to PHPP

Expected PHPP outputs
Theoretical basis of PHPP

Introduction to the PHPP worksheets

Demonstration assessment with a pre-prepared data file

Introduction to practical assessment exercise

Friday 29 May 2009

09.00 - 17.00

Assessment of a complex dwelling using pre-collated data

Review of the practical assessment exercise

TRAINERS

Jo Branz trained as an architect at Antwerp University and joined the Belgian Passivhaus specialist consultancy Passiefhuis-Platform vzw (PHP) immediately on graduation. She now divides her time between the architectural practice 'Archi'gen cvba' and PHP and is a regular trainer in PHPP.

Peter Warm is a Chartered Energy Conservation Engineer with a strong interest in understanding how the building fabric works. His experience is varied between research and practical on-site work current projects include those with Passivhaus design and certifications.