



ABBE Level 3 & 4 Diploma

## Commercial Energy Assessment

### Course Itinerary – Commercial Level 3

#### Day One

Welcoming and Introduction to the course and Qualification requirements.  
Course structure and Organisation.  
Portfolio Building.  
Different Building and Constructions types.

#### Day Two

Heating and Ventilation systems of Commercial properties.  
Mechanical Ventilation.  
Natural Ventilation  
Air Conditioning. Control Systems.  
Mechanical and Electrical Services  
Types of Renewable energy

#### Day Three

Specialised Training for SBEM & ISBEM software. *(A laptop computer is required for the duration of the course. Please have Microsoft Access 2003 or later preinstalled.)*  
The SBEM/ISBEM software is provided by Energy Solutions  
Live inspections upon a Commercial Building. Recap of training  
Details of allocated Assessor and Examination dates.

#### Other Details

A buffet lunch and refreshments are provided on all Energy Solutions Courses. For specific dietary requirements please contact 0151 548 6600 in advance of your course. A pad and pen is required for the duration of the course. We would also recommend a digital camera, measuring device and also a laptop computer to be brought on the course. The *SBEM software is provided by Energy Solutions*

#### What is included within the course package:

- Three days classroom based training
- Assigned a dedicated assessor
- SBEM software
- All Course materials
- Two attempts at ABBE examination
- Continuous guidance, assessment and feedback

# Course Itinerary – Commercial Level 4

<i>Day One</i>	Welcoming and Introduction to the course and Qualification requirements. Course structure and Organisation. Portfolio Building. Different Building and Constructions types.
<i>Day Two</i>	Heating and Ventilation systems of Commercial properties. Mechanical Ventilation. Natural Ventilation Air Conditioning. Control Systems. Mechanical and Electrical Services Types of Renewable energy sources
<i>Day Three</i>	Specialised Training for SBEM & ISBEM software (A laptop computer is required for the duration of the course. Please have Microsoft Access 2003 or later preinstalled. The SBEM/ISBEM software is provided by Energy Solutions) Data assembly and plan zoning Live inspections upon a Commercial Building Data Submission Producing EPC HDVAC Data collection documentation Zone by zone collection / Floor Plans Recap of training Assessment process Details of allocated Assessor and Examination dates

## Other Details

A buffet lunch and refreshments are provided on all Energy Solutions Courses. For specific dietary requirements please contact 0151 548 6600 in advance of your course. A pad and pen is required for the duration of the course. We would also recommend a digital camera, measuring device and also a laptop computer to be brought on the course. The *SBEM software is provided by Energy Solutions*

## What is included within the course package:

- Three days classroom based training
- Assigned a dedicated assessor
- SBEM software
- All Course materials
- Two attempts at ABBE examination
- Continuous guidance, assessment and feedback

## Commercial Top-Up Course

A top up course is available to allow Level 3 energy assessors to upgrade to Level 4. For details and information please contact 0845 310 2407.