

Domestic BER Assessor Refresher Training Course

Specification
February 2020



General Aims

This course is aimed at learners who previously completed a QQI Level 6 Building Energy Rating Assessment (Dwellings) 6N0732 course and are looking to update their knowledge of the DEAP methodology, DEAP manual and survey guide and DEAP 4 software.

This course is required for those who previously completed the QQI Level 6 Building Energy Rating Assessment (Dwellings) 6N0732 course and are seeking to join the register where

- the initial QQI level 6 training was completed over 2 years ago and the applicant was not previously registered as a BER assessor
or
- the initial QQI level 6 training was completed over 2 years ago and 2 years have lapsed since previously registered as a domestic BER assessor

Learners who successfully complete a BER Assessor Refresher Training Course for Dwellings must be able to:

- Describe the latest DEAP methodology updates as described in the DEAP manual, DEAP survey guide, DEAP technical guidance.
- Describe the latest updates to Part L of the Building Regulations.
- Complete a new-final BER assessment in DEAP 4 incorporating a heat pump installation and a Part L compliance check and generating a Part L compliance report.

Structure of Learning Outcomes

The specific learning outcomes are grouped into 4 units:

Unit 1 DEAP methodology updates as set out in the latest DEAP manual and DEAP technical guidance

Unit 2 DEAP survey guide and survey form updates

Unit 3 Part L of the Building Regulations

Unit 4 Heat pump methodology

Unit 1 DEAP methodology updates

Aim The aim of this unit is that the learner gains an overview of the latest DEAP manual and methodology and an understanding of any recent updates to guidance.

Unit 2 DEAP survey guide updates

Aim The aim of this unit is that the learner gains an overview of the latest DEAP survey guide and survey form and an understanding of any recent updates to the guidance.

Unit 3 Part L of the Building Regulations

Aim The aim of this unit is that the learner gains an understanding of the latest updates to Part L of the Building Regulations for new and existing dwellings. Learners must be able to describe the requirements as set out in the latest Technical Guidance Document.

Unit 4 Heat Pump Methodology

Aim The aim of this unit is that the learner gains an understanding the heat pump methodology and entering a Heat Pump system in DEAP. Learners must be able to identify different types of heat pumps for entry in DEAP, understand the designer/installer sign-off sheet and default and non-default flow temperatures and supporting documentation.

Assignment [100% of total marks]

The learner must achieve a minimum of 70% in order to pass.

The assignment must be completed individually rather than as group work.

Training providers must devise an assessment that requires learners to demonstrate their ability to use the DEAP 4 software for a previously unseen dwelling to calculate the energy use and CO2 emissions. The assessment must be of such depth and breadth that requires learners to apply the most significant aspects of the DEAP methodology.

Learners are required to complete a BER assessment of a new dwelling with a heat pump, from plans and specifications and vary the specification to demonstrate compliance with the current Building Regulations Part L. Learners must generate a Part L compliance report.

The dwelling must contain at least 2 features from Group 1 and 2 features from Group 2 below:

Group 1 features	Group 2 features
<ul style="list-style-type: none">- Dormer windows and dormer roof- Conservatory- Integral garage- Split level	<ul style="list-style-type: none">- Ventilation system (using non-default data) other than a natural ventilation system- An additional renewable (e.g. solar thermal, PV)

Learning hours:

Course content (excluding assignment):

7.5 hours (1 day)

Self-directed learning:

As the focus of this training is to cover recent updates to the methodology, it is expected that the learner will familiarise themselves fully with the content contained in the following:

- DEAP Manual
- DEAP Survey Guide
- DEAP technical guidance document
- Building Regulations TGD Part L
- Code of Practice for Building Energy Rating (BER) Assessors and Display Energy Certificate (DEC) Assessors, July 2020
- EPBD 2002-91-EC (16th December 2002)
- EPBD 2010-31-EU (Recast) (19th May 2010)
- Quality Assurance System and Disciplinary Procedure
- S.I. No. 243 of 2012

On successful completion of the course a certificate must be issued to the candidate by the training provider containing the course name, training provider, date of completion and result achieved.