

Quidos NDEA Level 4 Course



Background

Since October 1st 2008, all non-domestic properties put up for either sale or rent within the U.K. require an Energy Performance Certificate (EPC). The EPC provides an overview of the building's energy performance and helps owners and occupiers make their buildings more energy efficient.

EPCs can only be completed by qualified and accredited non-domestic energy assessors. The assessor is required to survey properties and obtain information relating to the following aspects of the building: construction elements, building services and geometry details. Assessors then enter this info into a recognised software program which will analyse the information and produce a certificate which rates the building's energy performance. Non-domestic buildings have been split into various level of complexity. The Level 4 Diploma will enable you to complete EPCs on all buildings without "frequently occurring characteristics. This encompassed approximately 25% of the commercial market.

ABBE qualification

In order to be able to complete L4 EPCs, candidates need to complete the ABBE L4 Diploma in Non-Domestic Energy Assessment (DEA L3). The qualification is comprised of a mix of classroom and distance learning elements, and will ensure that trainees have complied with each of the elements of the National Occupation Standards (NOS) for Non-Domestic Energy Assessment at L4. The two additional units that candidates are required to demonstrate their competence in for L4 are:

- Unit 3 – Assess the energy performance of new non-build non-dwellings prior to first occupancy using the Simplified Building Energy Model (SBEM)
- Unit 6 – Undertake energy inspections of existing non-dwellings using SBEM

Quidos training course

The classroom element of the training course lasts an initial two days, and takes place at our Head Offices in Bath. The two days will focus solely on the complex heating systems encountered within Level 4 non-domestic buildings.

Once candidates have completed the classroom training days, there are two assessment criteria that need to be completed:

- Pass an exam based upon the NDEA L4 course syllabus. The exam will be a 40 question multiple-choice exam, and will test knowledge on the various aspects of the qualification. A score of 70% (28/40) will be required to pass.
- Complete a portfolio of 3 EPCs on a range of L4 non-domestic properties. EPCS need to be completed on a series of different buildings with different construction types and HVAC systems

Once candidates have passed the exam and completed the portfolio, they will be awarded the qualification and be ready to practice as an accredited L4 non-domestic energy assessor.

