



Non Domestic Energy Assessor (NDEA) – Levels 3+4

Course Itinerary

NDEA - Levels 3+4

Level 3 Diploma

qualifies assessors to produce EPCs for basic, existing non-dwellings with commonly occurring characteristics, including simple heating systems, natural ventilation and small (non complex) cooling systems.

Level 4 Diploma

encompasses those more complex commercial properties not covered by LEVEL 3, including those with larger heating systems more than 100kw, and air-conditioning units of over 12kw.

We recommend combining the two courses to enable you to increase your portfolio of services.

NDEA – Levels 3+4 Course Itinerary

Day 1

- Registration and Introductions
- Introduction to the Diploma of Non Domestic Energy Assessment
- Preparation for Energy Assessment / Health & Safety
- Identification of basic constructions
- Survey methodology and practice

Day 2

Building Services Level 3

- Heating System generators
- Heat distribution systems
- Heating controls
- Water heating / DHW
- Ventilation
- Live building and plant room visit
- Lighting and controls
- Cooling Systems
- Renewable Technologies and information sources

Day 3

Level 4 Advanced Building Services

- Heating systems above 100kw
- Cooling systems above 12kw
- Heating controls
- Low & zero carbon technologies
- Heat recovery systems
- Mechanical ventilation

Day 4

SBEM (Simplified Building Energy Model) Training

- Introduction & Background
- Installation and structure of the tool
- Data assembly and zoning rules
- Exercise – Case Study
- Producing the EPC
- Editing and producing the recommendation report

Day 5

Portfolio Submissions

- Portfolio content / Agreed assessment plan
- Common Documents
- HVAC Data collection documentation
- Building fabric data collection
- Zone by zone data collection / zone summary
- Floor Plans
- Skeleton template
- Electronic submission process
- Feedback / assessment process