

Aimed at

This course is suitable for learners looking to develop the skills and knowledge required to install heat pumps.

Course description & subjects covered

The BPEC Heat Pump Systems programme is recognised as a demonstration of competence for the Microgeneration Certificate Scheme (MCS). This course has been designed with the intention of meeting the requirement of the National Occupational Standards (NOS) and industry working groups.

The text book manual will be included with your enrolment on the course and each book includes your registration code.

It is recommended that you study the content of the manual prior to attending the course to ensure you are properly prepared and can take part in discussions during the course.

The manual includes:

- Heat pumps in context
- How a heat pump works—principles & components
- Insulation, heat losses & the effect of heating system design
- Domestic hot water, buffer tanks & solar coils
- Ground heat exchangers
- Health & safety
- Heat pump installation
- Maintenance & fault finding

Course Overview:

- Day 1: Heat pump technologies
- Day 2: Heat pump technologies
- Day 3: Ground source heat pumps

Assessment

This course is assessed through a combination of practical and theory examinations

Entry requirements

All candidates need Water Regulations / Water Byelaws, alongside one of the following:

- N/SVQ Level 2/3 in plumbing or equivalent earlier certification
- N/SVQ Level 2/3 in heating & ventilating (domestic installation) or equivalent earlier certification
- N/SVQ Level 2/3 in heating & ventilating (industrial & commercial installation) or equivalent earlier certification
- N/SVQ Level 2/3 in gas installation & maintenance or equivalent earlier certification
- Heating installers with minimum 3 years experience installing wet central heating systems, evidenced either by manufacturer courses certification or Gas Safe Register, OFTEC, MCS or HETAS registration

Cost

Fully funded through PLA Funding*

**Eligibility criteria applies - please contact us for further information*