



## Heat Pumps

This course is designed for plumbing and heating engineers to provide the necessary skills for the design, installation, testing, commissioning, handover, servicing and fault finding of ground and air source heat pumps in accordance with the latest NOS/QCF.

**Course duration** 4 days

### Who should attend?

The course is ideal for experienced plumbing and heating engineers looking to improve their knowledge and understanding of heat pumps with a view to applying for Competent Person/MCS/PAS 2030 registration.

To attend this course candidates must hold;

- A recognised competence in a conventional fuel i.e. gas, oil or solid fuel **or**;
- A relevant plumbing qualification such as an NVQ level 2 or equivalent experience

**plus;**

- A certificate of competence for the installation of unvented hot water systems
- A WRAS or WRUK approved Water Regulations qualification
- An Energy Efficiency qualification

### Learning outcomes

The training and assessment have been designed to provide the necessary skills for the design, installation, testing, commissioning, handover, servicing and fault-finding of ground and air source heat pump systems in accordance with the latest NOS/QCF criteria and MCS scheme requirements.

### Course outline

- Fundamental working principles
- Health & Safety risks and safe systems of work
- Purpose and operational characteristics of heat pump unit and system components
- Fundamental air source heat pump design considerations
- Preparatory work required for heat pump installations
- Planning, preparation, installation, testing, commissioning, and handover requirements for the installations of 'active' solar thermal hot water systems
- Requirements for routine service and maintenance

## What do I need to have with me?

- Copies of your existing qualification certificates
- 2 recent passport sized photos
- Safety boots & high viz jacket for practical training purposes
- A calculator (not smart phone)
- Photographic identification

Assessment body



## Next steps

Other courses which may be of interest to you:

Solar Thermal Hot Water

Level 3 Award in the Installation of Small-Scale PV Systems

Solar Photovoltaic (PV) Maintenance

## Why train with us?

We provide:

- Training only ever delivered by subject matter experts
- High quality training materials
- Confidence that your training comes from a business with more than 65 years of industry and technical experience
- Support throughout to ensure your full understanding across all aspects of the training

**Are you interested in taking this or any of our other courses?**

Contact our friendly training team to discuss your needs further



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