



# SOLAR THERMAL HOT WATER

This 3 day 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 solar thermal hot water systems in accordance with the latest NOS/QCF criteria and MCS scheme requirements.

## WHO SHOULD ATTEND

This course is ideal for experienced plumbing and heating engineers looking to improve their knowledge and understanding of solar thermal hot water systems with a view to applying for Competent Person/MCS/PAS 2030 registration.

## ENTRY REQUIREMENTS

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 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 solar thermal hot water systems in accordance with the latest NOS/QCF criteria

## WORK AREAS

Commercial, domestic and industrial

## DURATION

3 Day(s)

## ASSESSMENT BODY



## COURSE OUTLINE

- Fundamental working principles
- Health & Safety risks and safe systems of work
- Purpose and operational characteristics of solar thermal hot water system components
- Preparatory work required for heat pump installations
- Requirements for connecting collector circuits to combination boiler domestic hot water circuits
- Planning, preparation, 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 BRING 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) and photographic identification.

## NEXT STEPS


Successful candidates might also be interested in completing our Air & Ground Source Heat Pumps and/or Solar PV courses.

## WHY TRAIN WITH US?

We provide:

- Highly-skilled, qualified lecturers
- Purpose-built training facilities
- Q & A at the end of the course for clarification of any queries
- One-stop-shop for NICEIC enquiries
- Lunch and refreshments

Are you interested in taking this course or any other courses? Why not contact our friendly Training team and ask for more details?

 0333 015 6626

 [traininginfo@certsure.com](mailto:traininginfo@certsure.com)

Other courses you may be interested in:

- Air & Ground Source Heat Pumps
- Solar PV
- Solar PV Maintenance