



Solar Photovoltaic (PV) Maintenance

This course covers the underpinning technical knowledge and practical skills required to maintain, repair, report, and diagnose faults on solar photovoltaic (PV) systems. It reflects the guidance provided by the IET Code of Practice for Grid-connected Solar PV Systems, together with the requirements of BS 7671 (Section 712).

Course duration 2 days

Who should attend?

It is recommended that attendees hold a Level 3 Award in the Installation of Small-Scale Solar Photovoltaic (PV) Systems or equivalent qualification. Whilst elements from across BS 7671 are included in this course, it is expected that those attending have a sound understanding of the wider requirements relating to the latest edition which includes knowledge of circuit design, inspection, testing and condition reporting.

Learning outcomes

This training and assessment has been designed to provide attendees with the skills necessary to maintain, diagnose faults and repair solar PV systems in accordance with the latest industry guidance.

Course outline

This course will cover:

- An overview of key safety considerations, legislation, and industry guidance
- Safe isolation of multiple sources of supply
- Solar PV system components
- Solar PV system fault diagnosis and rectification
- Periodic inspection and maintenance of solar PV systems

Candidates are assessed using a combination of knowledge assessment methods and observation of practical application.

What do I need to have with me?

- A copy of BS 7671 (latest edition)
- IET Code of Practice for Grid-connected Solar Photovoltaic Systems (latest edition)
- A scientific calculator
- A device with internet access (such as a phone, tablet, or laptop)

Optional

- Hand tools

Assessment body



Next steps

Other courses which may be of interest to you:

Level 3 Award in the Design, Installation and Commissioning of Electrical Energy Storage Systems

Level 3 Award in the Requirements for the Installation of Electrical Vehicle Charging Points

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- We've been training the profession for over 20 years
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