BECOMING AN...

Installation and Maintenance Electrician

Also known as: Electrician | Installation electrician | Maintenance electrician

Skills England

SKILLS PROGRESSION MAP

About this role



- Installs, maintains and repairs electrical systems and equipment.
- Works across residential, commercial and industrial environments.
- Tests, commissions and troubleshoots electrical installations.
- Supports renewable energy and low-carbon technologies.
- Can work independently, lead small teams, or become self-employed.

Skills you'll use

The skills you'll use most as an installation and maintenance electrician. The jobs on the right share them.

- Install electrical equipment
- Maintain electrical equipment
- Test electromechanical installations

YOU
Installation and Maintenance Electrician
Level 3

- Conduct electrical safety tests
- Install electrical power systems
- Inspect electrical equipment for defects

Ways to train for this job

Apprenticeship | T Level | Technical qualification

In job training

Apprenticeship unit

Discover more on the occupational maps

Scan the QR code or visit the link below

occupational-maps.skillsengland.education.gov.uk

The routes shown are examples and do not include every option. You do not need to complete every stage shown, and people may enter or progress at different points depending on their skills and experience.

Based on Skills England occupational standards and the UK Standard Skills Classification. Qualification names are examples; availability varies by provider.

Jobs with similar skills

Where your skills can take you. Four jobs that share skills with an installation and maintenance electrician.

Domestic Electrician

Install and maintain electrical services within a domestic setting.

Conduct electrical safety tests | Install residential electrical systems | Maintain domestic electrical equipment

Electrical Maintenance Technician

Maintains and repairs critical industrial plant and equipment to ensure safe and reliable operations.

Maintain electrical equipment | Use electrical drawings for installation and maintenance | Install electrical equipment

Maritime Electrical Fitter

Manufacture, install, test, fault diagnose, maintain, overhaul and remove electrical systems on maritime vessels.

Maintain vessel electrical systems | Maintain electrical equipment | Install electrical equipment

Power Protection and Commissioning Engineer

Carrying out a range of engineering work on power protection systems, plant and equipment.

Inject currents and voltages to simulate fault conditions | Maintain high voltage plant and equipment | Conduct electrical safety tests