Installation and Maintenance Electrician

Level: 3
Duration: 54 months

Electricians install and maintain electrical systems in buildings and industrial plants, ensuring everything meets strict safety regulations.

Apprenticeship overview

Core skills, knowledge and behaviours you will learn

- Electrical scientific principles and BS 7671 (Wiring Regs)
- Termination and connection of conductors and cables
- How to inspection, test, and commission of systems
- How to diagnose and correct electrical faults
- Planning and overseeing of electrical work

In addition to the core content, you will choose one option from:

- Installation Electrician
- Maintenance Electrician

Typical job roles

- Electrician
- Maintenance Electrician
- Electrical Tester

Where you might work

- Industrial factories
- Commercial offices
- Construction sites
- Power stations

Good to know

Requires a high level of concentration and math skills

Safety is the top priority; electricity is lethal if handled incorrectly

You will work towards the "Gold Card" (ECS) status

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