

# Engineering Fitter

**Level: 3**

**Duration: 45 months**

**Engineering Fitters assemble, install, and maintain complex machinery by fitting components together to precise specifications, often acting as the final stage of the manufacturing process.**

## Apprenticeship overview

### Core skills, knowledge and behaviours you will learn

- Interpretation of advanced engineering drawings and diagrams
- The use of hand tools and machinery to shape and fit parts
- Precision measurement and testing of sub-assemblies
- Fault-finding and machinery maintenance
- Integrating mechanical, electrical, and fluid power systems

### Where you might work

- Aerospace and automotive factories
- Marine and shipbuilding yards
- Renewable energy plants (Wind/Solar)
- Precision toolmaking workshops

### Typical job roles

- Mechanical Fitter
- Maintenance Fitter
- Assembly Technician
- Pipe Fitter



### Good to know

Think of it as “industrial-scale Lego”—but with much higher stakes

You’ll need a methodical mind and a steady hand for fine adjustments

The working environment can be noisy

Work involves heavy lifting

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