

AUTOMATION FITTER, FEDERAL VET DIPLOMA

You assemble, wire and test parts. Using special tools, you ensure that machines run reliably.

Training duration	3 years with Federal VET Diploma
Specialisations	None
Training locations	<ul style="list-style-type: none"> – In the workshop – In switchgear construction – On construction projects
College days	<ul style="list-style-type: none"> – 1 day per week at vocational college – 3 vocational courses
VET college (BMS) possible	Yes



Job

Automation fitters set up electrical control systems for machines, test components for correct functioning and troubleshoot.

As well as performing the following tasks:

- Reading construction plans for devices and circuits
- Selecting cables and wiring components
- Assembling electrical switchboards
- Commissioning and testing devices
- Troubleshooting and checking functions
- Repairing or replacing defective components
- Compiling test reports and checking operating conditions



Requirements

- Interest in technology
- Manual skills
- Upper secondary school intermediate or high level
- Patience and perseverance
- Good colour perception
- Enjoy customer contact and teamwork



Further training and careers

Further training

- Additional apprenticeship as Automation Engineer, Federal VET Diploma
- Federal Professional Examination (e.g. Automation Specialist)
- Advanced Federal Professional Examination (e.g. Qualified Master in Switchgear Construction and Automation)
- Professional Educational Institution (e.g. Qualified Mechanical Engineer)

Careers

- Workshop manager
- Production manager
- Team/project/department manager
- Sales – Consulting – Support
- Entrepreneur

