

# AUTOMATION FITTER, FEDERAL VET DIPLOMA

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

<b>Training duration</b>	3 years with Federal VET Diploma
<b>Specialisations</b>	None
<b>Training locations</b>	<ul style="list-style-type: none"> <li>– In the workshop</li> <li>– In switchgear construction</li> <li>– On construction projects</li> </ul>
<b>College days</b>	<ul style="list-style-type: none"> <li>– 1 day per week at vocational college</li> <li>– 3 vocational courses</li> </ul>
<b>VET college (BMS) possible</b>	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 (Sec. B or A)
- Patience and perseverance
- Good colour perception
- Enjoy customer contact and teamwork



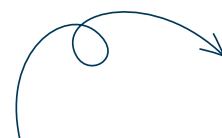
## Further training and careers

### 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



Apprenticeship