

VENTILATION SYSTEM ENGINEER, FEDERAL VET DIPLOMA

With your technical expertise, you route ducts precisely according to the plan to create the perfect indoor climate.

Training duration	3 years with Federal VET Diploma
Specialisations	Installation
Training locations	<ul style="list-style-type: none"> – In the office – At customers' premises – 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



Requirements

- Interest in technology
- Manual skills
- Visual thinking
- Upper secondary school intermediate or high level (Sec. B or A)
- Enjoy being out and about
- Enjoy customer contact and teamwork



Job

Ventilation system engineers install ventilation and air conditioning systems for public and private buildings, including shops, hospitals and tunnels. In production, they manufacture sheet metal pipe systems. On construction sites, they install, commission or dismantle systems.

As well as performing the following tasks:

- Producing installation sketches
- Manufacturing ventilation components by hand or using machines (stapling, screwing, gluing, welding or soldering)
- Assembling and installing ventilation pipe systems according to instructions
- Connecting control, monitoring and alarm devices
- Commissioning the system and refining the electrical settings
- Commissioning systems and refining the settings



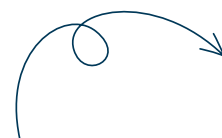
Further training and careers

Further training

- Additional apprenticeship in related fields (e.g. Building Ventilation Services Technician, Federal VET Diploma)
- Federal Professional Examination (e.g. Head Ventilation Fitter)
- Federal Professional Examination (e.g. Standard Ventilation Specialist)
- Professional Educational Institution (e.g. Qualified Technician, PEI, in Building Technology)

Careers

- Supervising fitter
- Service fitter
- Team/project/department manager
- Workshop manager
- Sales – Consulting – Support
- Entrepreneur
- Sales – Consulting – Support



Apprenticeship