

# REFRIGERATION SYSTEM PLANNER, FEDERAL VET DIPLOMA

You plan cooling systems, calculate materials and technology, ensuring fresh food and comfortable temperatures.

<b>Training duration</b>	4 years with Federal VET Diploma
<b>Specialisations</b>	None
<b>Training locations</b>	<ul style="list-style-type: none"> <li>– In the office</li> <li>– At customers' premises</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



## Requirements

- Interest in technology
- Negotiating skills
- Visual thinking
- Upper secondary school high level
- Enjoy technical drawing
- Enjoy customer contact and teamwork



## Job

Refrigeration system planners ensure air conditioned rooms and industrial cooling, plan refrigeration systems, create assembly plans and support installation and commissioning – in the office with CAD and locally at construction sites.

### As well as performing the following tasks:

- Preparing utility analyses and discussing them with the client
- Calculating refrigeration system performance
- Producing and adapting plans and circuit diagrams
- Producing work and assembly plans
- Specifying network length, pipe diameter, refrigerant, alarm systems
- Coordinating work with other trades
- Handing over and explaining the cooling system to the customer



## Further training and careers

### Further training

- Additional apprenticeship as Refrigeration System Fitter, Federal VET Diploma or further training to become a Building Services Technician, Federal VET Diploma (Heating, Ventilation, Plumbing)
- Federal Professional Examination (e.g. Refrigeration System Technician)
- Advanced Federal Professional Examination (e.g. Building Technician)
- Professional Educational Institution (e.g. Building Services Engineer)

### Careers

- Team/project/department manager
- Construction site manager
- Building energy consultant
- Sales – Consulting – Support
- Entrepreneur

