

Training where are we
and what have we got
available to us
as an Industry in the
UK?

- An ever decreasing amount of colleges across the UK. Due to staffing issues and lack of funding from central government.
- Private training providers doing predominantly short courses.
- <https://meridianrachptraining.co.uk/>
- Manufacturers / Suppliers doing product training and some now doing short courses like F-Gas.

L3 Apprenticeship Standard

- Level 3 RACHP Standard is actually under review at this time.
- Inserting qualifications into it as at this point in time you only need F-Gas Cat 1 and to complete the End Point Assessment to gain L3 Apprenticeship.

<https://www.city-of-portsmouth-college.ac.uk/employers/refrigeration-and-air-conditioning/>

Full Level 2 Qualifications.

- **6090-20 Diploma** (everything taught & assessed in a training centre)

This qualification can be completed by anybody either in or outside of industry. However, it doesn't include F-Gas certification which must be achieved separately.

- **6187 NVQ** (Work-based portfolio required along with the inhouse assessments and online tests at the training centre)
- To do this you have to be in industry and able to get to work on various systems to get sufficient work to complete the portfolio of evidence.

Level 3 Qualifications.

- **6090-30 Diploma** (everything taught & assessed in a training centre)

This qualification can be completed by anybody either in or outside of industry.

- **6187- 04 or 06 NVQ:** Service and Maintain Air Conditioning & Heat Pumps or Refrigeration systems.
- (Work-based portfolio required along with the inhouse assessments and online tests at the training centre)

HNC Level 4 Building Services Engineering.

Modules studied:

- Construction Design Project
- Construction Technology
- The Construction Environment
- Mathematics for Construction
- Principles of Heating, Ventilation and Air Conditioning
- Building Information Modelling
- Scientific Principles for Building Services
- Digital Applications for Building Information Modelling

- Level 5 Higher National Diploma allows students to specialise by committing to specific career paths and progression routes to degree-level study.
- BSc (Hons) in Building Services Engineering
- BSc (Hons) in Building Services
- BSc (Hons) in Heating, Ventilation and Air Conditioning
- <https://qualifications.pearson.com/content/dam/pdf/BTEC-Higher-Nationals/building-services-engineering/2023/specification-and-sample-assessments/9781292416540-hncd-building-services-engineering-rqf.pdf>

Short course qualifications

Certified by BESA , City & Guilds, Logic

- F-Gas Category 1-4
- Hydrocarbons / Flammables
- Pipework and Brazing
- Heatpumps
- Essential Electrics
- Refrigeration Electrics
- Ammonia Handling