

Practical Training Course: RAC Service and Maintenance

This five day course enables a novice to understand how an RAC system works and be able to maintain and service it. The following topics are included in the standard course:

- How a system works – the basic principles
- Common components - what they do and range of types
- Refrigerants and associated environmental issues
- How systems are controlled
- Refrigeration system electrics
- Typical system operating conditions
- Refrigerant handling – charging and recovering
- Setting controls
- Fault finding
- Maintenance for reliability and optimum performance
- Overview of design and installation

The course is a mix of theory, practical and discussion sessions with the emphasis on active participation. Numbers on the course are usually limited to six, enabling us to tailor the course to suit the individual trainees during the week. Trainees are provided with high quality course notes.

The City and Guilds 2078 refrigerant handling assessment is included at the end of this course.

The course can be tailored to suit individual RAC sectors, businesses and equipment types and can be run in house as well as in the West Midlands. For courses run in house we can provide portable training rigs and all tools and equipment, as well as computer based presentation equipment.

About Cool Concerns' Training

Training is provided by the working directors – Jane Gartshore and Stephen Benton, and by Roger Maltby. Between us we have a wide and varied range of practical experience within the refrigeration and air conditioning industry.

We provide training that “hits the spot” – it is relevant, informative and fun with the emphasis on hands on practice mixed with high quality theory presentations.

All our training is designed to use trainees' time as efficiently as possible, thus minimising expensive down time. We draw on the wide range of experience of all three trainers to prepare high quality training sessions. System operation is explained using computer based presentations coupled with work on training rigs. Installation, commissioning, service and maintenance principles are covered in hands on practical sessions using a range of industry standard tools and equipment. Emphasis in all training sessions is on participation by all trainees.