

Training Session: Safe Application and Handling of Hydrocarbon (HC) Refrigerants

This half day course enables an experienced engineer to understand how to safely handle HC refrigerant during installation, service, maintenance and disposal, and provides an overview of HC system design and application. The following topics are included in the standard course:

- Background to the use of hydrocarbon (HC) refrigerants;
- Properties and hazards of HCs;
- Safe handling, including charging and recovery;
- Service procedures for HC systems including accessing and sealing systems, leak testing, brazing, evacuation and component replacement;
- Cylinders and cylinder storage and transport;
- Performance of HCs;
- Overview of HC system design, including maximum HC charge sizes;
- Standards and regulations.

The course is short theory session with plenty of opportunity for questions and discussion. Trainees are provided with notes.

BOC has restricted sales of the CARE range of HCs to engineers who have attended this course. Trainees who successfully complete an assessment will be provided with a BOC identity card and will be entered on their register of trained engineers.

The course can be tailored to suit individual RAC sectors, businesses and equipment types and can be run in house as well as at our training centre in the West Midlands. For courses run in house we provide presentation equipment.

Cost

The cost for this half day session is £135 per person plus VAT. This includes course notes and the BOC identity card.

About Cool Concerns' Training – for engineers by engineers

Training and assessments are carried out by the working directors – Jane Gartshore and Stephen Benton. We are both refrigeration engineers and 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 both trainers to prepare high quality training sessions.

