



City & Guilds 2079 – F Gas & ODS Regulations 5 day course

Aim

This course is designed for engineers who have limited experience of working within the refrigeration industry and would like to enhance their skills/knowledge further. Brazing is part of the final assessment therefore it is a necessity for candidates to be familiar with this as no in depth training will be given.

Course Content

On completion of the course, candidates will be able to

- Identify basic systems, terms, principles, units and how these relate to theory and thermodynamics of vapour compression cycles and refrigerants
- Identify the causes and effects of global warming and climate change
- Identify causes and effects of ozone depletion
- Identify stationary refrigerant, air conditioning and heat-pump system components, functions and leakage risk
- Identify the hazards and safe working practices for the installation, commissioning and handling of refrigerants
- Fabricate and examine pipework
- Undertake pressure testing, evacuation and record completion
- Undertake refrigerant charging, leak checking and record keeping
- Undertake recovery of refrigerant and oil and prepare for disposal

The environmental and legal implications regarding Safe Refrigerant Handling makes this course essential for persons directly or indirectly connected with refrigerants.

By undertaking the course, successful candidates will be able to demonstrate an understanding of the legal and environmental requirements of the regulations and will be able to demonstrate the application of practical skills to successfully fabricate and examine pipework, undertake pressure testing, evacuation and record completion, refrigerant charging, leak checking and record keeping, recovery of refrigerants/ oil and preparation for disposal.

Successful candidates will be qualified to undertake leak checking, recovery, installation, service and maintenance of equipment.

Days 1 - 4 will consist of a mixture of theory and practical work to give a full understanding of the course and its content

Day 5 will consist of 4hr practical assessments and up to 2hr closed book online GOLA examination

All training material will be provided at the beginning of the course including City and Guilds study notes.

Price Per Candidate

£895 + VAT