



City & Guilds: Level 2 Award in F-Gas & ODS Regulations (2079-11)

Category 1 - Handling Fluorinated Gases & Ozone Depleting Substances



Course Aim

This course is a requirement for those carrying out installation, maintenance or servicing of stationary equipment containing F-Gas Refrigerants. It provides the knowledge and practical skills required to undertake leak checking, recovery, installation, service and maintenance of stationary refrigeration, air conditioning and heat pump equipment containing refrigerants.



Who Should Attend?

This course will suit you if you are working, or looking to work, as a refrigeration, air conditioning and heat pump system engineers and have some relevant skills and knowledge. You need this qualification as a licence to practice with fluorinated gases and ozone depleting substances.



Certification

While there is no expiry to this certificate, HSE guidelines suggest that you refresh your training every 3 years



Requirements

It is recommended that delegates should have or be working towards the level 2 NVQ in Refrigeration and Air Conditioning, or an equivalent/higher qualification.

Without evidence of formal qualifications, delegates must be able to demonstrate adequate prior knowledge and experience to ensure they have the potential to successfully complete the qualification.



Agenda

- Identify basic systems, terms, principles, units and how these relate to theory and thermodynamics of vapour compression and refrigerants
- Identify the causes and effects of global warming and climate change
- Identify the causes and effects of ozone depletion
- Identify stationary refrigerant, air conditioning, and heat-pump systems components, functions and leakage risk
- Identify the hazards and safe working practices for the installation, commissioning and handling of refrigerants
- Theoretical assessment
- Practical assessment
 - 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



Course Duration

This is a 5 day course

- Days 1 to 4 - Training, theory, course material alongside hands on practical experience
- Day 5 - Closed book online City & Guilds GOLA examination (multiple choice) and Practical Assessment



Safety / Value / Availability / Support



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