



F-Gas & ODS Regulations - (Category I) Handling Fluorinated Gases and ODS - City & Guilds (2079-11)



Course Aim

This industry leading course will provide delegates with the knowledge and practical skills to undertake leak checking, recovery, installation, service and maintenance of stationary refrigeration, air conditioning and heat pump equipment containing refrigerants.



Who Should Attend?

Delegates who are working, or looking to work, as a refrigeration, air conditioning and heat pump system engineers and who have some relevant skills and knowledge. You need this qualification as a licence to practise with fluorinated gases and ozone depleting substances.

Pre-requisites

This is a qualification designed for experienced workers, it is not an entry level qualification.



Certification

On successful completion of the course, a Level 2 award in F-Gas and ODS Regulations - Category I - City & Guilds 2079-11 certificate will be issued, qualifying you to undertake leak checking, recovery, installation, service and maintenance of equipment containing F-Gas refrigerants.



Course Duration

This is a 5 day course



Agenda

Theory

- 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 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

Practical

- 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



Safety / Value / Availability / Support



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