

# Safe Handling 'F' Gases and ODS substances Course

## F-Gas Category 2 - BESA Accreditation

### Course Overview:

This course is designed for operatives who wish to carry out the installation, servicing, maintenance, removal/recharging and leak testing of refrigerants safely within systems to the standard required by EC Regulation 517/2014, known as the 'F Gas' Regulation. As a Category II course this is restricted to systems with less than 3 kilograms of fluorinated greenhouse gases, or, if hermetically sealed systems which are labelled as such are concerned, containing less than 6 kilograms only.

### Who Is This Course For:

This is aimed at those working within or entering the refrigeration and air conditioning industry who need to meet the legal requirements for working with fluorinated gases, and other ozone depleting substances.

### Key Learning Areas Covered In This Course:

- Basic systems, principles and units and how they relate to theory and thermodynamics of vapour compression cycles and refrigerants.
- Causes and effects of global warming and ozone depletion.
- Identification of air conditioning and heat pump components, functions, and leakage risk
- Hazards and safe working practices
- Construction and examination of pipe work
- Recovery of refrigerant and oil and prepare for disposal.
- Pressure testing, evacuation, and record completion
- Refrigerant charging, leak checking and record keeping.
- Fabrication and fitting of mechanical and brazed joints

### Assessment process:

40 Question, Multiple Choice Online exam & Practical Assessment

### Course Duration / Location:

4 day training course, available in Telford, Shropshire

### Course Fees:

£1095.00 per candidate

