

The F-Gas Regulations (EC842/2006, MAC Directive) states that it is an offence to work with fluorinated gases contained within Automotive Air Conditioning and Refrigeration plant.

Included in the scope of the regulations is:

- Refrigerant handling
- Service
- Leak detection
- Refrigerant recovery

All relevant personnel who are involved in the service and maintenance of mobile R.A.C. systems must have an **IMI level 3 Award in Automotive Refrigerant Handling (EC842 – 2006) (QCF), Certification or equivalent.**

Course Overview

Gain the knowledge skills required to handle refrigerants used in mobile air conditioning (M.A.C.) which are classified as either fluorinated gases (F-Gas) or Ozone Depleting Substances (ODS) This is necessary for the service, maintenance, recovery and leak checking of mobile air conditioning. Through our innovative blended learning programme, training is delivered via one-day training sessions, reducing workplace absence through Presentations, Q&A and Practical Workshop Assessment.

Learning Objectives:

- Understand the function, layout and operating principles of mobile air conditioning systems, including the components, equipment, tools for system recovery, vacuum, leak checking, flushing and recharging.
- Understand the procedures required for service and general maintenance.
- Understand the environmental implications, legal, equipment, procedures and Health and Safety requirements for storage, refrigerant identification, refrigerant recovery, system evacuation, adding oil, refrigerant recharging, final leak detection, flushing and disposal of Mobile Air Conditioning refrigerants and components.
- Competency in refrigerant identification, initial system evaluation – testing, via pressure gauges, temperature, air distribution and speed. Recovery, vacuum check, leak detection, visual, electronic, oil injection and charging for service and general maintenance and repair procedures for both thermal expansion valve or fixed orifice tube air conditioning systems.

Who Should Attend?

All personnel involved with the service, maintenance, recovery or decommissioning of Mobile (automotive) air conditioning (M.A.C.) or refrigeration equipment.

Minimum Entry Requirements:

National craft certificate (or) Equivalent experience.

Certification:

IMI level 3 Award in Automotive Refrigerant Handling (EC842 – 2006) (QCF)
Refrigerant Handling for Mobile Air Conditioning Systems.

Next Course Date at Diagnostic Solutions Ltd, TBC

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TBC per person or groups includes IMI level 3 Award in Automotive Refrigerant Handling (EC842 – 2006) (QCF),