

## ***Refrigerant Handling (F-Gas)***

‘Any person recovering or handling fluorinated gases including R134a/R1234yf the refrigerant used in automotive A/C systems must hold a nationally recognised qualification’ **It’s the law.**

A/C systems diagnosis and refrigerant handling certification,

Why would I choose this option?

Because I want to be able to service vehicle A/C systems successfully and in compliance with the Law.

Includes an assessment element approved by DEFRA through the Institute of the Motor Industry, the pre-eminent awarding body for our industry. The qualification gained, if successful is a VRQ (Vocationally Related Qualification) at level 3 and meets fully the requirements as stipulated by DEFRA.

## **A/C SYSTEMS, SERVICE AND REFRIGERANT HANDLING CERTIFICATION.**

### **COURSE AIM**

1) To facilitate a theoretical and practical understanding of light vehicle air conditioning systems to promote:

Safe servicing and refrigerant handling

2) To assess technician theoretical and practical competence in the handling of refrigerant gases to the DEFRA approved IMIAL Level 3 Award in Automotive Refrigerant Handling standard.

### **COURSE DURATION**

1 day (8 hours contact)

### **COURSE CONTENT**

VRQ – IMIAL Level 3 Award in Automotive Refrigerant Handling (EC842-2006) (QCF) – QCA I.D NO: 500/6771/0

Fundamentals of air conditioning systems, servicing and procedures including the safe handling of refrigerant gases.

### **TARGET GROUP**

1) Technicians who already have a basic working knowledge of the operation of Air Conditioning Systems containing fluorinated greenhouse gases in motor cars (and car derived vans), the environmental impact of fluorinated greenhouse gas refrigerants, the corresponding environmental regulations, and procedures for environment friendly recovery of fluorinated greenhouse gases.

2) Technicians who have a need to prove competence in the safe handling of refrigerants to comply with the law.

## **DETAILED DESCRIPTOR**

Induction - introduction to training staff and subject, aims and objectives of the course, including course outline. Lunch, tea/coffee and biscuits at appropriate times.

New legislation and how it affects you and your business.

Fundamentals of air conditioning system operation.

Identification, function and layout of components including simple electronic control.

Recycling equipment operation (recovery, recycling, evacuation, recharging, reclamation)

Lubricants and oil refilling.

Leak detection (including Oxygen-Free Nitrogen testing)

Refrigerant Identification.

Activity records and worksheets (refrigerant handling)

The safe handling of refrigerants including containment and the minimising of emissions

*Practical and underpinning knowledge assessment - the safe handling of refrigerant gases to the DEFRA approved IMIAL Level 3 Award in:*

*Automotive Refrigerant Handling (EC842-2006) (QCF) – QCA I.D NO: 500/6771/0*

## **CONCLUSION**

Discussions, summary and conclusions

Feedback from course

***IMI certificates will be issued to those who meet the required standard during assessment (certificates issued by post after the event)***

Contact us