



AIR CONDITIONING PRODUCTS GROUP



AIR CONDITIONING TOOLS, EQUIPMENT & CONSUMABLES

2 DAY CITB SAFE HANDLING OF REFRIGERANTS

ACP Group offers this 2 day course at a cost of £305.00 + vat.

This course will eventually become mandatory for all engineers working with refrigerants.

It strengthens learners knowledge regarding refrigerants, air conditioning and refrigeration industries current codes and practices.

Over two days students will be introduced to the following **COURSE CONTENTS**

ENVIRONMENTAL IMPACT. Fluorocarbons, Oxygen, Ozone Layer, Ultraviolet radiation, CFC's and HCFC's, Effect of CFC's and HCFC's on the Ozone layer, The Damage Done and Global Climate Change.

FLUOROCARBON CONTROL AND ALTERNATIVES. The Montreal Protocol, European Union Regulation 2037/2000, The Kyoto Protocol, Ozone Depletion and Global Warming Potentials of fluorocarbons, Refrigerant Replacement Categories, HFC's, Blends, Retrofitting, Hydrocarbons and Anhydrous Ammonia.

LEGISLATION AND REGULATIONS. COSHH, COSHH and Fluorocarbon Refrigerants, Management of Health and Safety at Work Regulations 1992, Environmental Protection Act 1990, British Standards, Refrigerant Cylinder Safety and The Carriage of Dangerous Goods by Road Regulations 1996.

REFRIGERANT RECOVERY AND HANDLING. Identification of Common Refrigerants, Identification Using Standing Pressure Test, Definitions, Options for Reuse of Refrigerant, Refrigerant Recovery, Using Recovery Units and Safe decanting Techniques.

REFRIGERANT THEORY. Refrigeration Theory, Vapour Compression Refrigeration Cycle, and Temperature Glide.

REFRIGERATION PRACTICES. Testing Refrigeration for Contamination, Strength and Leak Pressure Testing, Leak Detection Methods, Evacuation and Dehydration, Measurement of Vacuums, Practical Considerations, Comparison of Pressures and Refrigerant Charging.

Clear concise handout's and practical demonstrations throughout the course ensure candidates have all the information to carry out relevant tasks safely and in a confident manor.

A certificate is attainable on successful completion of a written and practical assessment.

The practical assessment will include safe recovery & recharging and include fault diagnoses utilising superheat and subcooling measurements.

TEST RIG:

Our test rig creates faults that include: blocked or stuck open expansion valve, blocked filter drier, over condensing, faulty compressor and poor air flow over evaporator.

Facilities: Our training centre has state of the art technology and the most up to date tools & equipment for candidates to use. Our lecturer has many years of experience in the industry and is very hands on and when not teaching continues to work on air conditioning systems.

AIR CONDITIONING PRODUCTS GROUP

AIR CONDITIONING TOOLS, EQUIPMENT & CONSUMABLES

2 DAY CITB SAFE HANDLING OF REFRIGERANTS ORDER FORM

Guidance notes Generally course's will be held on the 1st Thursday / Friday of the month.
 Select your course dates from list below
 Send with form £305.00 + Vat = £358.38 that is non refundable.
 Credit Cards accepted. Please phone details through to us.
 Return booking form to ACP Group, 21-27 Hollands Business Centre Hollands Road Haverhill CB9 8PU.
YOU WILL NEED TO BRING PROTECTIVE FOOTWEAR & CLEAN OVERALS FOR W/SHOP ACTIVITY
PLEASE BRING 2 PASSPORT SIZE PHOTOGRAPHS AND YOUR NATIONAL INSURANCE NUMBER FOR CITB
 There is ample parking available at the rear of unit.
 Confirmation of your booking and pre-course notes will be sent to the address below.

Part No	Description	Price	Qty	Total
July 2006	CITBSHOR 6th & 7th July	£305.00		
August 2006	CITBSHOR 3rd & 4th August	£305.00		
September 2006	T B A	£305.00		
October 2006	CITBSHOR 5th & 6th October	£305.00		
November 2006	CITBSHOR 2nd & 3rd November	£305.00		
December 2006	CITBSHOR 7th & 8th December	£305.00		
	Other dates are available please contact the office for further information.			
	TOTAL			
	VAT@ 17.5%			
	Terms & Conditions Apply	TOTAL		

Pre course study notes sent for reading prior to course. Price's include pre course study notes refreshments and lunch on course day's and CITB Registration & Certificate
PLEASE CONTACT US FOR AVAILABILITY ON THE ABOVE DATES

**NO ORDERS WILL BE PROCESSED UNTIL:
 ALL PRICES ARE EXCLUDING
 DELIVERY & VAT@17.5%**

**1 DELIVERY COSTS ARE CONFIRMED.
 2 CREDIT CARD SECURITY CODE
 CONFIRMED BY TELEPHONE**

**Order by telephone, Fax, Post or e-mail.
 Payment by**

**ALL PRICES SUBJECT TO CHANGE
 PRINTED March 2006 E&OE**

(1) Cheque: I enclose a cheque made payable to ACP Group
 (2) Credit Card: Please charge my Visa ___ MasterCard ___ Amex ___ Switch ___ Issue No _____
 CARD NUMBER _____ EXPIRY DATE _____

CARD NAME _____ SIGNED _____
 COMPANY / HOME ADDRESS _____ DATE _____
 _____ TEL.NO (S) _____
 _____ MOBILE _____
 _____ FAX.NO _____
 POST CODE _____ e-mail _____
 EMERGENCY CONTACT NAME _____
 EMERGENCY CONTACT TEL NO'S _____

SEND TO
ACP GROUP HOLLANDS BUSINESS CENTRE 21-27 HOLLANDS ROAD HAVERHILL CB9 8PU