Total Air Condition & Refrigeration Overview

Our intensive 10, 15 or 20 day air conditioning and refrigeration training courses have been structured to meet the ever increasing demands on industry to meet safety, environmental and legal requirements regarding installation, commissioning , service and maintenance of both refrigeration and air conditioning systems including the electrical aspects of installation dependent upon course selection. The course is designed to be as practical as possible, with over 70% of the time spent within the workshop.

The courses are accredited with the City & Guilds 2079, BESA Pipe work and Brazing - (commercial), City & Guilds Level 3 Award in Basic Mobile Air Conditioning Systems (7543-01) along with an EAL Level 3
Unit - Maintenance of Refrigeration Systems from the EAL Level 3 Certificate in Engineering Technology (QCF) qualification.

Total Air Conditioning and Refrigeration Course - 10 Days

Sufficient skills, technical knowledge and techniques to install, pressure test, leak test, evacuate, dehydrate and commission typical air conditioning units in accordance with the regulations and industry good practice. You will also gain the necessary skills to maintain, install and repair refrigeration plant.

- Single stage refrigeration systems
- Domestic refrigeration systems
- Various types of commercial refrigeration systems
- Various types of industrial refrigeration systems
- Performance characteristics
- Plant operating conditions

On completion of the 10 day course, candidates will understand the operation of a simple system and be able to carry out diagnostic, installation and repair work. The following qualifications will be undertaken during the course,

- City & Guilds 2079 Category 1 F-Gas qualification
- BESA Commercial Refrigeration Pipe work And Brazing
- City & Guilds Air conditioning (heat pump) applications, design, servicing, and installations.
- EAL Level 3 Unit - Maintenance of Refrigeration Systems
- City & Guilds 7543 – Basic Mobile Air Conditioning

Additional Options

The 10 day course can be supplemented by one of two electrical courses dependent upon your anticipated career path. For candidates looking mainly toward the installation of air conditioning systems in domestic/commercial properties, we offer an Air Conditioning Electrical Installer Course which upon successful completion provides you with the relevant qualifications to register with a Part P Competent Persons Scheme allowing you to work legally within a domestic property installing electrical circuits. There is no requirement to be Part P registered to work in a commercial premise, however, the qualifications achieved are industry recognised and meet the technical knowledge required to carry out such work. Please also note the qualifications obtained would allow other electrical works to be carried out, so whilst installing an air conditioning system in a conservatory, you could also install the socket and the lighting circuits. Obviously this broadens the scope of work which you can offer.

COST: 10 Days £1,700 + VAT / 15 Days £2,400 + VAT / 20 Days £2,929 + VAT

PREREQUISITE: None

DURATION: 10 / 15 / 20 Days

BOOKINGS : Telephone 01246 802222 or Email enquiries@LearnTechnique.com

Or book on line @ www.LearnTechnique.com

Either of the following courses could be taken, the 10 day option covers ALL aspects, whereas the 5 day option does not meets the requirements for you to be able to meet Part P requirements.

Commercial Refrigeration Electrics Course – 5 days

Prior to course commencement you will be provided with the necessary pre-course reading material which includes section reviews to check your understanding. During the five days you will work through electrical principles, the applicable wiring regulations and refrigeration electrical component identification, functionality and testing.

What will be gained

- City and Guilds 2382 17th Edition Wiring Regulations
- Logic Essential Electrics Certificate
- Refrigeration Electrics Certificate

OR

Air Conditioning Electrical Installer Course - 10 Days

Prior to course commencement (on the second week of your Total Air Con & Refrigeration course), you will be provided with the necessary pre-course reading material which includes section reviews to check your understanding.

The first week will work through electrical principles, the applicable wiring regulations and circuit constructional techniques

The second week will cover the inspection and testing procedures and applicable building regulations.

What will be gained

- City and Guilds 2382-12 Level 3 17th Edition Wiring Regulations
- City and Guilds 2393-10 Level 3 Applicable Building Regulations
- City and Guilds 2392-10 Level 2 Certificate in Fundamental Inspection, Testing & Initial Verification
- City and Guilds 2394-01 Level 3 Inspection and Testing (this element is ***optional*** and is available at the additional cost of £150.00 + VAT)
- Logic Essential Electrics Certificate
- Refrigeration Electrics Maintenance Course - 5 Days

COST: 10 Days £1,700 + VAT / 15 Days £2,400 + VAT / 20 Days £2,929 + VAT

PREREQUISITE: None

DURATION: 10 / 15 / 20 Days

BOOKINGS : Telephone 01246 802222 or Email enquiries@LearnTechnique.com

Or book on line @ www.LearnTechnique.com