



Refrigeration & Air Conditioning Electrics - 5 Day

A five day course aimed at anyone involved with refrigeration, air conditioning and heat pump electrical control systems.

The course covers the three elements which are common to most refrigeration and air conditioning systems, namely, protection control and motors.

Emphasis is also placed upon the applicable wiring regulations to ensure the constructed system is compliant with BS7671:2008. The aim of the course is to provide enough knowledge to allow installation, verification, commissioning and fault finding to be safely and effectively carried out.

The course comprises of:

- Theory sessions covering the underpinning electrical knowledge requirements and BS7671:2008 IEE Wiring Regulations
- Identification of the main components of a refrigeration electrical control system
- Procedures for safe electrical isolation prior to maintenance work
- Practical sessions experiencing the installation, commissioning and fault finding of refrigeration and air conditioning system
- Theory session covering the related requirements of the Building Regulations (England & Wales)
- Multiple choice examinations and practical assessments

On successful completion the candidate will be awarded:

- CITB ConstructionSkills Essential Electrics Certificate
- CITB ConstructionSkills Refrigeration Electrics Certificate
- CITB Building Services Card with the categories Essential Electrics and Refrigeration Electrics
- City and Guilds Level 3 2382-10 Certificate in the requirements for Electrical Installations (BS7671:2008)

The course costs include examination entry fees, a buffet lunch and refreshments throughout the day.

Recommended book list:

Available to purchase at discounted rate from Technique Training

BS 7671:2008 IEE 17th Edition Wiring Regulations ISBN 9780863418440

The above book which are required for some of the exams can be loaned by ourselves for the duration of the course and exam.

COST: 5 Day Course £875 (+ VAT) inclusive of Exam Entry Fee

GROUP RATE (Per 8): £895 (+VAT) Per Day + £100 (+VAT)/Student Exam Entry Fee

PREREQUISITE: Appropriate Electrical Skills + Knowledge of Refrigeration Systems

DURATION: 5 Days

BOOKINGS: Telephone 01246 810444 or Email enquiries@techniquetraining.co.uk