



HVAC Competent person HVAC (HTM 03)

Our popular **Competent** and **Authorised Person HVAC** training provides you with the knowledge and skills to monitor, test, maintain and manage hospital **ventilation** systems under **HTM 03**.

Is this course for you?

This course is intended for technicians and maintenance personnel fulfilling the role of Competent Person (Ventilation) as defined in HTM 03-01, and for aspirant AP(V)s with little ventilation experience or knowledge. It is the progression route to the Ventilation & Air Conditioning for Authorised Persons (HTM03) course.

This course is also highly recommended as a foundation for people from other engineering disciplines expected to take up the role of Authorised Person (Ventilation). In addition, it will be highly beneficial to all grades of staff and managers involved with commissioning, maintaining or operating air-conditioning and ventilation plant either by direct labour or via contractors.

Course aim

To enable in-post or aspirant Competent Persons (Ventilation) to monitor, test and maintain plant; to specify plant components and to verify performance to HTM 03-01 standards.

Objectives

- State the purposes of ventilation and list the criteria for judging appropriate rates of ventilation
- List statutory requirements and sources of Department of Health and industry guidance
- Identify the need for and probable locations of fire and smoke dampers
- Measure airflow and humidity in ducts and at air terminal devices, using a variety of instruments
- Carry out proportional balancing of a simple system and state the process for a complex system
- Identify the essential components of an air-conditioning system
- List problems associated with steam humidifiers and how these may be overcome
- Identify appropriate filter grades for given applications and determine the correct time to change them
- Describe the function of control systems within ventilation systems
- Carry out air handling unit audits and identify construction and maintenance issues
- Verify critical system airflows and pressures

Prerequisites

Please note: It is assumed that delegates who will go on to implement the new skills and knowledge in a maintenance role already have basic health & safety skills and knowledge and are already conversant with the maintenance of other plant or that additional training will be provided by their employer. If this is not the case then the tutor would welcome prior notice.

50+ years of world-class training